1. **被引文献：**

标题: Weyl Semimetal Phase in Noncentrosymmetric Transition-Metal Monophosphides

作者: Weng, HM (Weng, Hongming); Fang, C (Fang, Chen); Fang, Z (Fang, Zhong); Bernevig, BA (Bernevig, B. Andrei); Dai, X (Dai, Xi); Zhang,X(Z,S.);

来源出版物: PHYSICAL REVIEW X 卷: 5 期: 1 文献号: 011029 DOI: 10.1103/PhysRevX.5.011029 出版年: MAR 17 2015

入藏号: WOS:000351507700001

IDS 号: CE0PW

**引用文献：**

第 1 条，共 200 条

标题: Witten Effect and Fractional Charges on the Domain Wall and the D-Brane-Like Dot

作者: Kanazawa, I (Kanazawa, I.); Maeda, R (Maeda, R.) ; Zhang,X(Z,S.);

来源出版物: JOURNAL OF LOW TEMPERATURE PHYSICS 卷: 191 期: 1-2 特刊: SI 页: 84-95 DOI: 10.1007/s10909-018-1853-z 出版年: APR 2018

入藏号: WOS:000426219700007

会议名称: Topological Matter and Flat Bands (TMFB) Conference

会议日期: AUG 17-20, 2017

会议地点: Univ Leipzig, Fac Phys & Earth Sci, Felix Bloch Inst, Leipzig, GERMANY

会议主办方: Univ Leipzig, Fac Phys & Earth Sci, Felix Bloch Inst

IDS 号: FX6TK

第 2 条，共 200 条

标题: Quantum oscillations and Dirac dispersion in the BaZnBi2 semimetal guaranteed by local Zn vacancy order

作者: Zhao, K (Zhao, K.); Golias, E (Golias, E.); Zhang, QH (Zhang, Q. H.); Krivenkov, M (Krivenkov, M.); Jesche, A (Jesche, A.); Gu, L (Gu, L.); Rader, O (Rader, O.); Mazin, II (Mazin, I. I.); Gegenwart, P (Gegenwart, P.) ; Zhang,X(Z,SF.);

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 11 文献号: 115166 DOI: 10.1103/PhysRevB.97.115166 出版年: MAR 30 2018

入藏号: WOS:000428776800005

IDS 号: GB0YJ

第 3 条，共 200 条

标题: Probing lattice dynamics and electron-phonon coupling in the topological nodal-line semimetal ZrSiS

作者: Singha, R (Singha, Ratnadwip); Samanta, S (Samanta, Sudeshna); Chatterjee, S (Chatterjee, Swastika); Pariari, A (Pariari, Arnab); Majumdar, D (Majumdar, Dipanwita); Satpati, B (Satpati, Biswarup); Wang, L (Wang, Lin); Singha, A (Singha, Achintya); Mandal, P (Mandal, Prabhat)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 9 文献号: 094112 DOI: 10.1103/PhysRevB.97.094112 出版年: MAR 28 2018

入藏号: WOS:000428500800001

IDS 号: GA7FK

第 4 条，共 200 条

标题: Alloy Engineering of Topological Semimetal Phase Transition in MgTa2-xNbxN3

作者: Huang, HQ (Huang, Huaqing); Jin, KH (Jin, Kyung-Hwan); Liu, F (Liu, Feng)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 120 期: 13 文献号: 136403 DOI: 10.1103/PhysRevLett.120.136403 出版年: MAR 27 2018

入藏号: WOS:000428394800019

IDS 号: GA5SU

第 5 条，共 200 条

标题: Electronic transport property in Weyl semimetal with local Weyl cone tilt

作者: Jiang, LW (Jiang, Liwei); Feng, LT (Feng, Lanting); Yao, HB (Yao, Haibo); Zheng, YS (Zheng, Yisong)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 30 期: 11 文献号: 115001 DOI: 10.1088/1361-648X/aaade4 出版年: MAR 21 2018

入藏号: WOS:000425754200001

IDS 号: FX0RM

第 6 条，共 200 条

标题: Anomalous DC Hall response in noncentrosymmetric tilted Weyl semimetals

作者: Mukherjee, SP (Mukherjee, S. P.); Carbotte, JP (Carbotte, J. P.)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 30 期: 11 文献号: 115702 DOI: 10.1088/1361-648X/aaac16 出版年: MAR 21 2018

入藏号: WOS:000425972000001

IDS 号: FX3KX

第 7 条，共 200 条

标题: Highly anisotropic type-II nodal line state in pure titanium metal

作者: Zhang, XM (Zhang, Xiaoming); Jin, L (Jin, Lei); Dai, XF (Dai, Xuefang); Liu, GD (Liu, Guodong)

来源出版物: APPLIED PHYSICS LETTERS 卷: 112 期: 12 文献号: 122403 DOI: 10.1063/1.5023320 出版年: MAR 19 2018

入藏号: WOS:000428458100013

IDS 号: GA6QK

第 8 条，共 200 条

标题: Tunable anisotropic anomalous Nernst effect and orbital magnetization in Floquet Weyl semimetals

作者: Niu, ZP (Niu, Zhi Ping); Wu, XS (Wu, Xueshi)

来源出版物: PHYSICS LETTERS A 卷: 382 期: 10 页: 729-733 DOI: 10.1016/j.physleta.2017.12.054 出版年: MAR 16 2018

入藏号: WOS:000424961100009

IDS 号: FW0DH

第 9 条，共 200 条

标题: Topological semimetal state and field-induced Fermi surface reconstruction in the antiferromagnetic monopnictide NdSb

作者: Wang, YJ (Wang, Yongjian); Yu, JH (Yu, J. H.); Wang, YQ (Wang, Y. Q.); Xi, CY (Xi, C. Y.); Ling, LS (Ling, L. S.); Zhang, SL (Zhang, S. L.); Wang, JR (Wang, J. R.); Xiong, YM (Xiong, Y. M.); Han, T (Han, Tao); Han, H (Han, Hui); Yang, J (Yang, Jun); Gong, JX (Gong, Jixiang); Luo, L (Luo, Lei); Tong, W (Tong, W.); Zhang, L (Zhang, Lei); Qu, Z (Qu, Zhe); Han, YY (Han, Y. Y.); Zhu, WK (Zhu, W. K.); Pi, L (Pi, Li); Wan, XG (Wan, X. G.); Zhang, CJ (Zhang, Changjin); Zhang, YH (Zhang, Yuheng)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 11 文献号: 115133 DOI: 10.1103/PhysRevB.97.115133 出版年: MAR 15 2018

入藏号: WOS:000427601500002

IDS 号: FZ4ZS

第 10 条，共 200 条

标题: Topological crystalline superconductivity and second-order topological superconductivity in nodal-loop materials

作者: Shapourian, H (Shapourian, Hassan); Wang, YX (Wang, Yuxuan); Ryu, SS (Ryu, Shinsei)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 9 文献号: 094508 DOI: 10.1103/PhysRevB.97.094508 出版年: MAR 14 2018

入藏号: WOS:000427353800006

IDS 号: FZ1QZ

第 11 条，共 200 条

标题: Quasiparticle scattering in type-II Weyl semimetal MoTe2

作者: Lin, CL (Lin, Chun-Liang); Arafune, R (Arafune, Ryuichi); Minamitani, E (Minamitani, Emi); Kawai, M (Kawai, Maki); Takagi, N (Takagi, Noriaki)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 30 期: 10 文献号: 105703105703 DOI: 10.1088/1361-648X/aaab95 出版年: MAR 14 2018

入藏号: WOS:000425318900003

IDS 号: FW4XL

第 12 条，共 200 条

标题: Symmorphic Intersecting Nodal Rings in Semiconducting Layers

作者: Gong, C (Gong, Cheng); Xie, YE (Xie, Yuee); Chen, YP (Chen, Yuanping); Kim, HS (Kim, Heung-Sik); Vanderbilt, D (Vanderbilt, David)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 120 期: 10 文献号: 106403 DOI: 10.1103/PhysRevLett.120.106403 出版年: MAR 9 2018

入藏号: WOS:000427020400011

IDS 号: FY7CY

第 13 条，共 200 条

标题: Thermoelectric and topological properties of half-Heusler compounds ZrIrX(As, Sb, Bi)

作者: Zhang, MP (Zhang, Minping); Wei, JH (Wei, Junhong); Wang, GT (Wang, Guangtao)

来源出版物: PHYSICS LETTERS A 卷: 382 期: 9 页: 673-678 DOI: 10.1016/j.physleta.2018.01.007 出版年: MAR 9 2018

入藏号: WOS:000424719900009

IDS 号: FV6VJ

第 14 条，共 200 条

标题: Experimental observation of photonic nodal line degeneracies in metacrystals

作者: Gao, WL (Gao, Wenlong); Yang, B (Yang, Biao); Tremain, B (Tremain, Ben); Liu, HC (Liu, Hongchao); Guo, QH (Guo, Qinghua); Xia, LB (Xia, Lingbo); Hibbins, AP (Hibbins, Alastair P.); Zhang, S (Zhang, Shuang)

来源出版物: NATURE COMMUNICATIONS 卷: 9 文献号: 950 DOI: 10.1038/s41467-018-03407-5 出版年: MAR 5 2018

入藏号: WOS:000426544200001

IDS 号: FY1AO

第 15 条，共 200 条

标题: Ideal Weyl points and helicoid surface states in artificial photonic crystal structures

作者: Yang, B (Yang, Biao); Guo, QH (Guo, Qinghua); Tremain, B (Tremain, Ben); Liu, RJ (Liu, Rongjuan); Barr, LE (Barr, Lauren E.); Yan, QH (Yan, Qinghui); Gao, WL (Gao, Wenlong); Liu, HC (Liu, Hongchao); Xiang, YJ (Xiang, Yuanjiang); Chen, J (Chen, Jing); Fang, C (Fang, Chen); Hibbins, A (Hibbins, Alastair); Lu, L (Lu, Ling); Zhang, S (Zhang, Shuang)

来源出版物: SCIENCE 卷: 359 期: 6379 页: 1013-+ DOI: 10.1126/science.aaq1221 出版年: MAR 2 2018

入藏号: WOS:000426366200037

IDS 号: FX8SV

第 16 条，共 200 条

标题: WannierTools: An open-source software package for novel topological materials

作者: Wu, QS (Wu, QuanSheng); Zhang, SN (Zhang, ShengNan); Song, HF (Song, Hai-Feng); Troyer, M (Troyer, Matthias); Soluyanov, AA (Soluyanov, Alexey A.)

来源出版物: COMPUTER PHYSICS COMMUNICATIONS 卷: 224 页: 405-416 DOI: 10.1016/j.cpc.2017.09.033 出版年: MAR 2018

入藏号: WOS:000424726700035

IDS 号: FV6XZ

第 17 条，共 200 条

标题: High-pressure phases of Weyl semimetals NbP, NbAs, TaP, and TaAs

作者: Guo, ZP (Guo, ZhaoPeng); Lu, PC (Lu, PengChao); Chen, T (Chen, Tong); Wu, JF (Wu, JueFei); Sun, J (Sun, Jian); Xing, DY (Xing, DingYu)

来源出版物: SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY 卷: 61 期: 3 文献号: UNSP 038211 DOI: 10.1007/s11433-017-9126-6 出版年: MAR 2018

入藏号: WOS:000423576900007

IDS 号: FU0YS

第 18 条，共 200 条

标题: High-pressure opens new windows for topological materials

作者: Weng, HM (Weng, HongMing)

来源出版物: SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY 卷: 61 期: 3 文献号: 038231 DOI: 10.1007/s11433-017-9129-0 出版年: MAR 2018

入藏号: WOS:000423576900008

IDS 号: FU0YS

第 19 条，共 200 条

标题: Transversal magnetotransport in Weyl semimetals: Exact numerical approach

作者: Behrends, J (Behrends, Jan); Kunst, FK (Kunst, Flore K.); Sbierski, B (Sbierski, Bjoern)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 6 文献号: 064203 DOI: 10.1103/PhysRevB.97.064203 出版年: FEB 28 2018

入藏号: WOS:000426321000001

IDS 号: FX8DL

第 20 条，共 200 条

标题: Quantum oscillations and coherent interlayer transport in a new topological Dirac semimetal candidate YbMnSb2

作者: Wang, YY (Wang, Yi-Yan); Xu, S (Xu, Sheng); Sun, LL (Sun, Lin-Lin); Xia, TL (Xia, Tian-Long)

来源出版物: PHYSICAL REVIEW MATERIALS 卷: 2 期: 2 文献号: 021201 DOI: 10.1103/PhysRevMaterials.2.021201 出版年: FEB 23 2018

入藏号: WOS:000426041400001

IDS 号: FX4JR

第 21 条，共 200 条

标题: Validity of Weyl fermion picture for transition metals monopnictides TaAs, TaP, NbAs, and NbP from ab initio studies

作者: Grassano, D (Grassano, Davide); Pulci, O (Pulci, Olivia); Conte, AM (Conte, Adriano Mosca); Bechstedt, F (Bechstedt, Friedhelm)

来源出版物: SCIENTIFIC REPORTS 卷: 8 文献号: 3534 DOI: 10.1038/s41598-018-21465-z 出版年: FEB 23 2018

入藏号: WOS:000425934200022

IDS 号: FX2YI

第 22 条，共 200 条

标题: Heat capacity evidence for conventional superconductivity in the type-II Dirac semimetal PdTe2

作者: Amit (Amit); Singh, Y (Singh, Yogesh)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 5 文献号: 054515 DOI: 10.1103/PhysRevB.97.054515 出版年: FEB 21 2018

入藏号: WOS:000425602000004

IDS 号: FW8QR

第 23 条，共 200 条

标题: Peculiar behavior of magnetoresistance in HgSe single crystal with low electron concentration

作者: Lonchakov, AT (Lonchakov, A. T.); Bobin, SB (Bobin, S. B.); Deryushkin, VV (Deryushkin, V. V.); Okulov, VI (Okulov, V. I.); Govorkova, TE (Govorkova, T. E.); Neverov, VN (Neverov, V. N.)

来源出版物: APPLIED PHYSICS LETTERS 卷: 112 期: 8 文献号: 082101 DOI: 10.1063/1.5018357 出版年: FEB 19 2018

入藏号: WOS:000425977500008

IDS 号: FX3NA

第 24 条，共 200 条

标题: Coexistence of Type-I and Type-II Weyl Points in the Weyl-Semimetal OsC2

作者: Zhang, MP (Zhang, Minping); Yang, ZX (Yang, Zongxian); Wang, GT (Wang, Guangtao)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 122 期: 6 页: 3533-3538 DOI: 10.1021/acs.jpcc.8b00920 出版年: FEB 15 2018

入藏号: WOS:000425571100036

IDS 号: FW8HA

第 25 条，共 200 条

标题: Second harmonic generation in the Weyl semimetal TaAs from a quantum kinetic equation

作者: Li, Z (Li, Zhi); Jin, YQ (Jin, Ya-Qin); Tohyama, T (Tohyama, Takami); Iitaka, T (Iitaka, Toshiaki); Zhang, JX (Zhang, Jiu-Xing); Su, HB (Su, Haibin)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 8 文献号: 085201 DOI: 10.1103/PhysRevB.97.085201 出版年: FEB 14 2018

入藏号: WOS:000424967300004

IDS 号: FW0FP

第 26 条，共 200 条

标题: Symmetric Fermion Mass Generation as Deconfined Quantum Criticality

作者: You, YZ (You, Yi-Zhuang); He, YC (He, Yin-Chen); Xu, CK (Xu, Cenke); Vishwanath, A (Vishwanath, Ashvin)

来源出版物: PHYSICAL REVIEW X 卷: 8 期: 1 文献号: 011026 DOI: 10.1103/PhysRevX.8.011026 出版年: FEB 14 2018

入藏号: WOS:000424968100001

IDS 号: FW0FV

第 27 条，共 200 条

标题: Saddle-like topological surface states on the TT ' X family of compounds (T, T ' = Transition metal, X = Si, Ge)

作者: Singh, B (Singh, Bahadur); Zhou, XT (Zhou, Xiaoting); Lin, H (Lin, Hsin); Bansil, A (Bansil, Arun)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 7 文献号: 075125 DOI: 10.1103/PhysRevB.97.075125 出版年: FEB 13 2018

入藏号: WOS:000424901800002

IDS 号: FV9IQ

第 28 条，共 200 条

标题: Edelstein effect in Weyl semimetals

作者: Johansson, A (Johansson, Annika); Henk, J (Henk, Juergen); Mertig, I (Mertig, Ingrid)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 8 文献号: 085417 DOI: 10.1103/PhysRevB.97.085417 出版年: FEB 13 2018

入藏号: WOS:000424902800008

IDS 号: FV9JA

第 29 条，共 200 条

标题: Magnetization of topological line-node semimetals

作者: Mikitik, GP (Mikitik, G. P.); Sharlai, YV (Sharlai, Yu. V.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 8 文献号: 085122 DOI: 10.1103/PhysRevB.97.085122 出版年: FEB 13 2018

入藏号: WOS:000424902800004

IDS 号: FV9JA

第 30 条，共 200 条

标题: Coexistent three-component and two-component Weyl phonons in TiS, ZrSe, and HfTe

作者: Li, JX (Li, Jiangxu); Xie, Q (Xie, Qing); Ullah, S (Ullah, Sami); Li, RH (Li, Ronghan); Ma, H (Ma, Hui); Li, DZ (Li, Dianzhong); Li, YY (Li, Yiyi); Chen, XQ (Chen, Xing-Qiu)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 5 文献号: 054305 DOI: 10.1103/PhysRevB.97.054305 出版年: FEB 12 2018

入藏号: WOS:000424744200003

IDS 号: FV7DV

第 31 条，共 200 条

标题: Topological Nodal Cooper Pairing in Doped Weyl Metals

作者: Li, Y (Li, Yi); Haldane, FDM (Haldane, F. D. M.)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 120 期: 6 文献号: 067003 DOI: 10.1103/PhysRevLett.120.067003 出版年: FEB 9 2018

入藏号: WOS:000424632100011

IDS 号: FV5OP

第 32 条，共 200 条

标题: Topological dynamics of gyroscopic and Floquet lattices from Newton's laws

作者: Lee, CH (Lee, Ching Hua); Li, GJ (Li, Guangjie); Jin, GX (Jin, Guliuxin); Liu, YH (Liu, Yuhan); Zhang, X (Zhang, Xiao)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 8 文献号: 085110 DOI: 10.1103/PhysRevB.97.085110 出版年: FEB 6 2018

入藏号: WOS:000424190500001

IDS 号: FU9QL

第 33 条，共 200 条

标题: Pressure-induced Lifshitz transition in NbP: Raman, x-ray diffraction, electrical transport, and density functional theory

作者: Gupta, SN (Gupta, Satyendra Nath); Singh, A (Singh, Anjali); Pal, K (Pal, Koushik); Muthu, DVS (Muthu, D. V. S.); Shekhar, C (Shekhar, C.); Qi, YP (Qi, Yanpeng); Naumov, PG (Naumov, Pavel G.); Medvedev, SA (Medvedev, Sergey A.); Felser, C (Felser, C.); Waghmare, UV (Waghmare, U. V.); Sood, AK (Sood, A. K.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 6 文献号: 064102 DOI: 10.1103/PhysRevB.97.064102 出版年: FEB 5 2018

入藏号: WOS:000424087900002

IDS 号: FU8FE

第 34 条，共 200 条

标题: Universal scattering response across the type-II Weyl semimetal phase diagram

作者: Russmann, P (Ruessmann, P.); Weber, AP (Weber, A. P.); Glott, F (Glott, F.); Xu, N (Xu, N.); Fanciulli, M (Fanciulli, M.); Muff, S (Muff, S.); Magrez, A (Magrez, A.); Bugnon, P (Bugnon, P.); Berger, H (Berger, H.); Bode, M (Bode, M.); Dil, JH (Dil, J. H.); Blugel, S (Bluegel, S.); Mavropoulos, P (Mavropoulos, P.); Sessi, P (Sessi, P.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 7 文献号: 075106 DOI: 10.1103/PhysRevB.97.075106 出版年: FEB 5 2018

入藏号: WOS:000424088600001

IDS 号: FU8FL

第 35 条，共 200 条

标题: Monoclinic C-16: sp(2)-sp(3) hybridized nodal-line semimetal protected by PT-symmetry

作者: Feng, X (Feng, Xing); Wu, QS (Wu, Quansheng); Cheng, Y (Cheng, Yong); Wen, B (Wen, Bin); Wang, Q (Wang, Qian); Kawazoe, Y (Kawazoe, Yoshiyuki); Jena, P (Jena, Puru)

来源出版物: CARBON 卷: 127 页: 527-532 DOI: 10.1016/j.carbon.2017.11.046 出版年: FEB 2018

入藏号: WOS:000417484000059

IDS 号: FP2XT

第 36 条，共 200 条

标题: Evolution of atomic and electronic structures of TaP under high pressure

作者: Zhang, JY (Zhang, Jingyun); Li, QF (Li, Qingfang); Yang, CH (Yang, Cuihong); Rao, WF (Rao, Weifeng)

来源出版物: COMPUTATIONAL MATERIALS SCIENCE 卷: 142 页: 320-324 DOI: 10.1016/j.commatsci.2017.10.031 出版年: FEB 2018

入藏号: WOS:000414875300038

IDS 号: FM3AN

第 37 条，共 200 条

标题: Electronic properties of topological insulator candidate CaAgAs

作者: Nayak, J (Nayak, Jayita); Kumar, N (Kumar, Nitesh); Wu, SC (Wu, Shu-Chun); Shekhar, C (Shekhar, Chandra); Fink, J (Fink, Joerg); Rienks, EDL (Rienks, Emile D. L.); Fecher, GH (Fecher, Gerhard H.); Sun, Y (Sun, Yan); Felser, C (Felser, Claudia)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 30 期: 4 文献号: 045501 DOI: 10.1088/1361-648X/aaa1cd 出版年: JAN 31 2018

入藏号: WOS:000419472900001

IDS 号: FS0OG

第 38 条，共 200 条

标题: Surface plasmon of three-dimensional Dirac semimetals

作者: Losic, ZB (Losic, Zeljana Bonacic)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 30 期: 4 文献号: 045002 DOI: 10.1088/1361-648X/aaa070 出版年: JAN 31 2018

入藏号: WOS:000419348700002

IDS 号: FR8TZ

第 39 条，共 200 条

标题: Doping and tilting on optics in noncentrosymmetric multi-Weyl semimetals

作者: Mukherjee, SP (Mukherjee, S. P.); Carbotte, JP (Carbotte, J. P.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 4 文献号: 045150 DOI: 10.1103/PhysRevB.97.045150 出版年: JAN 30 2018

入藏号: WOS:000423518900005

IDS 号: FU0CL

第 40 条，共 200 条

标题: Appearance of the universal value e(2)/h of the zero-bias conductance in a Weyl semimetal-superconductor junction

作者: Zhang, SB (Zhang, Song-Bo); Dolcini, F (Dolcini, Fabrizio); Breunig, D (Breunig, Daniel); Trauzettel, B (Trauzettel, Bjoern)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 4 文献号: 041116 DOI: 10.1103/PhysRevB.97.041116 出版年: JAN 25 2018

入藏号: WOS:000423427600001

IDS 号: FT8UB

第 41 条，共 200 条

标题: Topological Dirac nodal-net fermions in AlB2-type TiB2 and ZrB2

作者: Feng, X (Feng, Xing); Yue, CM (Yue, Changming); Song, ZD (Song, Zhida); Wu, QS (Wu, QuanSheng); Wen, B (Wen, Bin)

来源出版物: PHYSICAL REVIEW MATERIALS 卷: 2 期: 1 文献号: 014202 DOI: 10.1103/PhysRevMaterials.2.014202 出版年: JAN 24 2018

入藏号: WOS:000423333700001

IDS 号: FT7LJ

第 42 条，共 200 条

标题: Circular dichroism and radial Hall effects in topological materials

作者: Liu, Y (Liu, Ying); Yang, SYA (Yang, Shengyuan A.); Zhang, F (Zhang, Fan)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 3 文献号: 035153 DOI: 10.1103/PhysRevB.97.035153 出版年: JAN 24 2018

入藏号: WOS:000423347500002

IDS 号: FT7QK

第 43 条，共 200 条

标题: Weyl and Dirac semimetals in three-dimensional solids

作者: Armitage, NP (Armitage, N. P.); Mele, EJ (Mele, E. J.); Vishwanath, A (Vishwanath, Ashvin)

来源出版物: REVIEWS OF MODERN PHYSICS 卷: 90 期: 1 文献号: 015001 DOI: 10.1103/RevModPhys.90.015001 出版年: JAN 22 2018

入藏号: WOS:000423135000001

IDS 号: FT4OS

第 44 条，共 200 条

标题: Imaginary part of Hall conductivity in a tilted doped Weyl semimetal with both broken time-reversal and inversion symmetry

作者: Mukherjee, SP (Mukherjee, S. P.); Carbotte, JP (Carbotte, J. P.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 3 文献号: 035144 DOI: 10.1103/PhysRevB.97.035144 出版年: JAN 19 2018

入藏号: WOS:000423338700001

IDS 号: FT7NF

第 45 条，共 200 条

标题: Nonsymmorphic-symmetry-protected hourglass Dirac loop, nodal line, and Dirac point in bulk and monolayer X3SiTe6 (X = Ta, Nb)

作者: Li, S (Li, Si); Liu, Y (Liu, Ying); Wang, SS (Wang, Shan-Shan); Yu, ZM (Yu, Zhi-Ming); Guan, S (Guan, Shan); Sheng, XL (Sheng, Xian-Lei); Yao, YG (Yao, Yugui); Yang, SYA (Yang, Shengyuan A.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 4 文献号: 045131 DOI: 10.1103/PhysRevB.97.045131 出版年: JAN 16 2018

入藏号: WOS:000423116400018

IDS 号: FT4HW

第 46 条，共 200 条

标题: Quantum multicriticality in disordered Weyl semimetals

作者: Luo, X (Luo, Xunlong); Xu, BL (Xu, Baolong); Ohtsuki, T (Ohtsuki, Tomi); Shindou, R (Shindou, Ryuichi)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 4 文献号: 045129 DOI: 10.1103/PhysRevB.97.045129 出版年: JAN 16 2018

入藏号: WOS:000423116400016

IDS 号: FT4HW

第 47 条，共 200 条

标题: Landau levels with magnetic tunneling in a Weyl semimetal and magnetoconductance of a ballistic p-n junction

作者: Saykin, DR (Saykin, D. R.); Tikhonov, KS (Tikhonov, K. S.); Rodionov, YI (Rodionov, Ya. I.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 4 文献号: 041202 DOI: 10.1103/PhysRevB.97.041202 出版年: JAN 16 2018

入藏号: WOS:000423116400002

IDS 号: FT4HW

第 48 条，共 200 条

标题: Different Topological Quantum States in Ternary Zintl compounds: BaCaX (X = Si, Ge, Sn and Pb)

作者: Wang, LL (Wang, Lin Lin); Kaminski, A (Kaminski, Adam); Canfield, PC (Canfield, Paul C.); Johnson, DD (Johnson, Duane D.)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 122 期: 1 页: 705-713 DOI: 10.1021/acs.jpcc.7b11111 出版年: JAN 11 2018

入藏号: WOS:000422814200075

IDS 号: FT0KO

第 49 条，共 200 条

标题: Crystal growth and transport properties of Weyl semimetal TaAs

作者: Sankar, R (Sankar, Raman); Peramaiyan, G (Peramaiyan, G.); Muthuselvam, IP (Muthuselvam, I. Panneer); Xu, SY (Xu, Suyang); Hasan, MZ (Hasan, M. Zahid); Chou, FC (Chou, F. C.)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 30 期: 1 文献号: 015803 DOI: 10.1088/1361-648X/aa9a75 出版年: JAN 10 2018

入藏号: WOS:000423884100016

IDS 号: FU5HQ

第 50 条，共 200 条

标题: Magnetic and noncentrosymmetricWeyl fermion semimetals in the RAlGe family of compounds (R = rare earth)

作者: Chang, GQ (Chang, Guoqing); Singh, B (Singh, Bahadur); Xu, SY (Xu, Su-Yang); Bian, G (Bian, Guang); Huang, SM (Huang, Shin-Ming); Hsu, CH (Hsu, Chuang-Han); Belopolski, I (Belopolski, Ilya); Alidoust, N (Alidoust, Nasser); Sanchez, DS (Sanchez, Daniel S.); Zheng, H (Zheng, Hao); Lu, H (Lu, Hong); Zhang, X (Zhang, Xiao); Bian, Y (Bian, Yi); Chang, TR (Chang, Tay-Rong); Jeng, HT (Jeng, Horng-Tay); Bansil, A (Bansil, Arun); Hsu, H (Hsu, Han); Jia, S (Jia, Shuang); Neupert, T (Neupert, Titus); Lin, H (Lin, Hsin); Hasan, MZ (Hasan, M. Zahid)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 4 文献号: 041104 DOI: 10.1103/PhysRevB.97.041104 出版年: JAN 9 2018

入藏号: WOS:000419615700001

IDS 号: FS2NP

第 51 条，共 200 条

标题: Detection of sub-MeV dark matter with three-dimensional Dirac materials

作者: Hochberg, Y (Hochberg, Yonit); Kahn, Y (Kahn, Yonatan); Lisanti, M (Lisanti, Mariangela); Zurek, KM (Zurek, Kathryn M.); Grushin, AG (Grushin, Adolfo G.); Ilan, R (Ilan, Roni); Griffin, SM (Griffin, Sinead M.); Liu, ZF (Liu, Zhen-Fei); Weber, SF (Weber, Sophie F.); Neaton, JB (Neaton, Jeffrey B.)

来源出版物: PHYSICAL REVIEW D 卷: 97 期: 1 文献号: 015004 DOI: 10.1103/PhysRevD.97.015004 出版年: JAN 8 2018

入藏号: WOS:000419475900008

IDS 号: FS0PJ

第 52 条，共 200 条

标题: Berry curvature dipole in Weyl semimetal materials: An ab initio study

作者: Zhang, Y (Zhang, Yang); Sun, Y (Sun, Yan); Yan, BH (Yan, Binghai)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 4 文献号: 041101 DOI: 10.1103/PhysRevB.97.041101 出版年: JAN 3 2018

入藏号: WOS:000419098700001

IDS 号: FR5HY

第 53 条，共 200 条

标题: Topological quantum catalyst: Dirac nodal line states and a potential electrocatalyst of hydrogen evolution in the TiSi family

作者: Li, JX (Li, Jiangxu); Ma, H (Ma, Hui); Xie, Q (Xie, Qing); Feng, SB (Feng, Shaobo); Ullah, S (Ullah, Sami); Li, RH (Li, Ronghan); Dong, JH (Dong, Junhua); Li, DZ (Li, Dianzhong); Li, YY (Li, Yiyi); Chen, XQ (Chen, Xing-Qiu)

来源出版物: SCIENCE CHINA-MATERIALS 卷: 61 期: 1 页: 23-29 DOI: 10.1007/s40843-017-9178-4 出版年: JAN 2018

入藏号: WOS:000428197000003

IDS 号: GA2ZP

第 54 条，共 200 条

标题: Measurement of the bulk and surface bands in Dirac line-node semimetal ZrSiS

作者: Hong, GH (Hong, Guang-Hao); Wang, CW (Wang, Cheng-Wei); Jiang, J (Jiang, Juan); Chen, C (Chen, Cheng); Cui, ST (Cui, Sheng-Tao); Yang, HF (Yang, Hai-Feng); Liang, AJ (Liang, Ai-Ji); Liu, S (Liu, Shuai); Lv, YY (Lv, Yang-Yang); Zhou, J (Zhou, Jian); Chen, YB (Chen, Yan-Bin); Yao, SH (Yao, Shu-Hua); Lu, MH (Lu, Ming-Hui); Chen, YF (Chen, Yan-Feng); Wang, MX (Wang, Mei-Xiao); Yang, LX (Yang, Le-Xian); Liu, ZK (Liu, Zhong-Kai); Chen, YL (Chen, Yu-Lin)

来源出版物: CHINESE PHYSICS B 卷: 27 期: 1 文献号: 017105 DOI: 10.1088/1674-1056/27/1/017105 出版年: JAN 2018

入藏号: WOS:000423862900005

IDS 号: FU4ZY

第 55 条，共 200 条

标题: Ubiquitous formation of bulk Dirac cones and topological surface states from a single orbital manifold in transition-metal dichalcogenides

作者: Bahramy, MS (Bahramy, M. S.); Clark, OJ (Clark, O. J.); Yang, BJ (Yang, B. -J.); Feng, J (Feng, J.); Bawden, L (Bawden, L.); Riley, JM (Riley, J. M.); Markovic, I (Markovic, I.); Mazzola, F (Mazzola, F.); Sunko, V (Sunko, V.); Biswas, D (Biswas, D.); Cooil, SP (Cooil, S. P.); Jorge, M (Jorge, M.); Wells, JW (Wells, J. W.); Leandersson, M (Leandersson, M.); Balasubramanian, T (Balasubramanian, T.); Fujii, J (Fujii, J.); Vobornik, I (Vobornik, I.); Rault, JE (Rault, J. E.); Kim, TK (Kim, T. K.); Hoesch, M (Hoesch, M.); Okawa, K (Okawa, K.); Asakawa, M (Asakawa, M.); Sasagawa, T (Sasagawa, T.); Eknapakul, T (Eknapakul, T.); Meevasana, W (Meevasana, W.); King, PDC (King, P. D. C.)

来源出版物: NATURE MATERIALS 卷: 17 期: 1 页: 21-+ DOI: 10.1038/NMAT5031 出版年: JAN 2018

入藏号: WOS:000422790000011

IDS 号: FT0DF

第 56 条，共 200 条

标题: Stretchable Photonic "Fermi Arcs' in Twisted Magnetized Plasma

作者: Xia, LB (Xia, Lingbo); Gao, WL (Gao, Wenlong); Yang, B (Yang, Biao); Guo, QH (Guo, Qinghua); Liu, HC (Liu, Hongchao); Han, JG (Han, Jiaguang); Zhang, WL (Zhang, Weili); Zhang, S (Zhang, Shuang)

来源出版物: LASER & PHOTONICS REVIEWS 卷: 12 期: 1 文献号: 1700226 DOI: 10.1002/lpor.201700226 出版年: JAN 2018

入藏号: WOS:000419666500008

IDS 号: FS3FT

第 57 条，共 200 条

标题: A simple and efficient criterion for ready screening of potential topological insulators

作者: Cao, GH (Cao, Guohua); Liu, HJ (Liu, Huijun); Chen, XQ (Chen, Xing-Qiu); Sun, Y (Sun, Yan); Liang, JH (Liang, Jinghua); Yu, R (Yu, Rui); Zhang, ZY (Zhang, Zhenyu)

来源出版物: SCIENCE BULLETIN 卷: 62 期: 24 页: 1649-1653 DOI: 10.1016/j.scib.2017.11.016 出版年: DEC 30 2017

入藏号: WOS:000418893800010

IDS 号: FR2JR

第 58 条，共 200 条

标题: Emergence of topological nodal lines and type-II Weyl nodes in the strong spin-orbit coupling system InNbX2 (X=S,Se)

作者: Du, YP (Du, Yongping); Bo, XY (Bo, Xiangyan); Wang, D (Wang, Di); Kan, EJ (Kan, Er-jun); Duan, CG (Duan, Chun-Gang); Savrasov, SY (Savrasov, Sergey Y.); Wan, XG (Wan, Xiangang)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 23 文献号: 235152 DOI: 10.1103/PhysRevB.96.235152 出版年: DEC 29 2017

入藏号: WOS:000419008400004

IDS 号: FR4AR

第 59 条，共 200 条

标题: Triply degenerate nodal points and topological phase transitions in NaCu3Te2

作者: Xia, YYY (Xia, Yunyouyou); Li, G (Li, Gang)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 24 文献号: 241204 DOI: 10.1103/PhysRevB.96.241204 出版年: DEC 29 2017

入藏号: WOS:000419008900002

IDS 号: FR4AV

第 60 条，共 200 条

标题: From Multiple Nodal Chain to Dirac/Weyl Semimetal and Topological Insulator in Ternary Hexagonal Materials

作者: Chen, C (Chen, Cong); Su, ZF (Su, Zefeng); Zhang, XM (Zhang, Xiaoming); Chen, ZY (Chen, Ziyu); Sheng, XL (Sheng, Xian-Lei)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 121 期: 51 页: 28587-28593 DOI: 10.1021/acs.jpcc.7b11075 出版年: DEC 28 2017

入藏号: WOS:000419263500043

IDS 号: FR7PX

第 61 条，共 200 条

标题: Magnetotransport properties and evidence of a topological insulating state in LaSbTe

作者: Singha, R (Singha, Ratnadwip); Pariari, A (Pariari, Arnab); Satpati, B (Satpati, Biswarup); Mandal, P (Mandal, Prabhat)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 24 文献号: 245138 DOI: 10.1103/PhysRevB.96.245138 出版年: DEC 26 2017

入藏号: WOS:000418655400008

IDS 号: FQ9AU

第 62 条，共 200 条

标题: Prediction of TiRhAs as a Dirac nodal line semimetal via first-principles calculations

作者: Weber, SF (Weber, Sophie F.); Chen, R (Chen, Ru); Yan, QM (Yan, Qimin); Neaton, JB (Neaton, Jeffrey B.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 23 文献号: 235145 DOI: 10.1103/PhysRevB.96.235145 出版年: DEC 26 2017

入藏号: WOS:000418654200008

IDS 号: FQ9AJ

第 63 条，共 200 条

标题: Breakdown of the Chiral Anomaly in Weyl Semimetals in a Strong Magnetic Field

作者: Kim, P (Kim, Pilkwang); Ryoo, JH (Ryoo, Ji Hoon); Park, CH (Park, Cheol-Hwan)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 26 文献号: 266401 DOI: 10.1103/PhysRevLett.119.266401 出版年: DEC 26 2017

入藏号: WOS:000418661700002

IDS 号: FQ9DD

第 64 条，共 200 条

标题: Magneto-transport and electronic structures of BaZnBi2

作者: Wang, YY (Wang, Yi-Yan); Guo, PJ (Guo, Peng-Jie); Yu, QH (Yu, Qiao-He); Xu, S (Xu, Sheng); Liu, K (Liu, Kai); Xia, TL (Xia, Tian-Long)

来源出版物: NEW JOURNAL OF PHYSICS 卷: 19 文献号: 123044 DOI: 10.1088/1367-2630/aa95e7 出版年: DEC 22 2017

入藏号: WOS:000418670600003

IDS 号: FQ9GN

第 65 条，共 200 条

标题: Correlated triple-Weyl semimetals with Coulomb interactions

作者: Zhang, SX (Zhang, Shi-Xin); Jian, SK (Jian, Shao-Kai); Yao, H (Yao, Hong)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 24 文献号: 241111 DOI: 10.1103/PhysRevB.96.241111 出版年: DEC 21 2017

入藏号: WOS:000418573600002

IDS 号: FQ7WH

第 66 条，共 200 条

标题: Observation of open-orbit Fermi surface topology in the extremely large magnetoresistance semimetal MoAs2

作者: Lou, R (Lou, R.); Xu, YF (Xu, Y. F.); Zhao, LX (Zhao, L. -X.); Han, ZQ (Han, Z. -Q.); Guo, PJ (Guo, P. -J.); Li, M (Li, M.); Wang, JC (Wang, J. -C.); Fu, BB (Fu, B. -B.); Liu, ZH (Liu, Z. -H.); Huang, YB (Huang, Y. -B.); Richard, P (Richard, P.); Qian, T (Qian, T.); Liu, K (Liu, K.); Chen, GF (Chen, G. -F.); Weng, HM (Weng, H. M.); Ding, H (Ding, H.); Wang, SC (Wang, S. -C.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 24 文献号: 241106 DOI: 10.1103/PhysRevB.96.241106 出版年: DEC 19 2017

入藏号: WOS:000418299100002

IDS 号: FQ4AD

第 67 条，共 200 条

标题: Geometric Phase and Orbital Moment in Quantization Rules for Magnetic Breakdown

作者: Alexandradinata, A (Alexandradinata, A.); Glazman, L (Glazman, Leonid)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 25 文献号: 256601 DOI: 10.1103/PhysRevLett.119.256601 出版年: DEC 19 2017

入藏号: WOS:000418340200008

IDS 号: FQ4PQ

第 68 条，共 200 条

标题: Regularized Framework of a Weyl Equation for Describing a Weyl Semimetal: Application to the Case with a Screw Dislocation

作者: Takane, Y (Takane, Yositake)

来源出版物: JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN 卷: 86 期: 12 文献号: 123708 DOI: 10.7566/JPSJ.86.123708 出版年: DEC 15 2017

入藏号: WOS:000416919700012

IDS 号: FO5RZ

第 69 条，共 200 条

标题: A New Dirac Semimetal in Hexagonal BaGaSnH

作者: Wang, ZW (Wang, Zhenwei); Wang, GT (Wang, Guangtao)

来源出版物: JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN 卷: 86 期: 12 文献号: 124714 DOI: 10.7566/JPSJ.86.124714 出版年: DEC 15 2017

入藏号: WOS:000416919700041

IDS 号: FO5RZ

第 70 条，共 200 条

标题: Similar ultrafast dynamics of several dissimilar Dirac and Weyl semimetals

作者: Weber, CP (Weber, Chris P.); Berggren, BS (Berggren, Bryan S.); Masten, MG (Masten, Madison G.); Ogloza, TC (Ogloza, Thomas C.); Deckoff-Jones, S (Deckoff-Jones, Skylar); Madeo, J (Madeo, Julien); Man, MKL (Man, Michael K. L.); Dani, KM (Dani, Keshav M.); Zhao, LX (Zhao, Lingxiao); Chen, GF (Chen, Genfu); Liu, JY (Liu, Jinyu); Mao, ZQ (Mao, Zhiqiang); Schoop, LM (Schoop, Leslie M.); Lotsch, BV (Lotsch, Bettina V.); Parkin, SSP (Parkin, Stuart S. P.); Ali, M (Ali, Mazhar)

来源出版物: JOURNAL OF APPLIED PHYSICS 卷: 122 期: 22 文献号: 223102 DOI: 10.1063/1.5006934 出版年: DEC 14 2017

入藏号: WOS:000418349300002

IDS 号: FQ4SY

第 71 条，共 200 条

标题: Semiclassical theory of anomalous transport in type-II topological Weyl semimetals

作者: McCormick, TM (McCormick, Timothy M.); McKay, RC (McKay, Robert C.); Trivedi, N (Trivedi, Nandini)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 23 文献号: 235116 DOI: 10.1103/PhysRevB.96.235116 出版年: DEC 12 2017

入藏号: WOS:000417757200003

IDS 号: FP6SU

第 72 条，共 200 条

标题: From Type-II Triply Degenerate Nodal Points and Three-Band Nodal Rings to Type-II Dirac Points in Centrosymmetric Zirconium Oxide

作者: Zhang, TT (Zhang, Ting-Ting); Yu, ZM (Yu, Zhi-Ming); Guo, W (Guo, Wei); Shi, DX (Shi, Dongxia); Zhang, GY (Zhang, Guangyu); Yao, YG (Yao, Yugui)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY LETTERS 卷: 8 期: 23 页: 5792-5797 DOI: 10.1021/acs.jpclett.7b02642 出版年: DEC 7 2017

入藏号: WOS:000417671200017

IDS 号: FP5PK

第 73 条，共 200 条

标题: Topological gapless phase in Kitaev model on square lattice

作者: Wang, P (Wang, P.); Lin, S (Lin, S.); Zhang, G (Zhang, G.); Song, Z (Song, Z.)

来源出版物: SCIENTIFIC REPORTS 卷: 7 文献号: 17179 DOI: 10.1038/s41598-017-17334-w 出版年: DEC 7 2017

入藏号: WOS:000417354700025

IDS 号: FP1EQ

第 74 条，共 200 条

标题: Anisotropic thermal and electrical transport of Weyl semimetal TaAs

作者: Xiang, JS (Xiang, Junsen); Hu, SL (Hu, Sile); Lv, M (Lv, Meng); Zhang, JH (Zhang, Jiahao); Zhao, HC (Zhao, Hengcan); Chen, GF (Chen, Genfu); Li, W (Li, Wei); Chen, ZY (Chen, Ziyu); Sun, PJ (Sun, Peijie)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 29 期: 48 文献号: 485501 DOI: 10.1088/1361-648X/aa964b 出版年: DEC 6 2017

入藏号: WOS:000415051400001

IDS 号: FM5DU

第 75 条，共 200 条

标题: Instability of Dirac semimetal phase under a strong magnetic field

作者: Song, ZD (Song, Zhida); Fang, Z (Fang, Zhong); Dai, X (Dai, Xi)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 23 文献号: 235104 DOI: 10.1103/PhysRevB.96.235104 出版年: DEC 4 2017

入藏号: WOS:000416942700002

IDS 号: FO6AF

第 76 条，共 200 条

标题: Massive fermions with low mobility in antiferromagnet orthorhombic CuMnAs single crystals

作者: Zhang, X (Zhang, Xiao); Sun, SS (Sun, Shanshan); Le, HC (Le, Hechang)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 23 文献号: 235105 DOI: 10.1103/PhysRevB.96.235105 出版年: DEC 4 2017

入藏号: WOS:000416942700003

IDS 号: FO6AF

第 77 条，共 200 条

标题: Quantum oscillations in an anisotropic Weyl semimetal in crossed magnetic and electric fields

作者: Alisultanov, ZZ (Alisultanov, Z. Z.); Musaev, GM (Musaev, G. M.); Arslanbekova, MM (Arslanbekova, M. M.)

来源出版物: LOW TEMPERATURE PHYSICS 卷: 43 期: 12 页: 1382-1386 DOI: 10.1063/1.5012789 出版年: DEC 2017

入藏号: WOS:000427033600005

IDS 号: FY7HW

第 78 条，共 200 条

标题: Magnonic triply-degenerate nodal points

作者: Owerre, SA (Owerre, S. A.)

来源出版物: EPL 卷: 120 期: 5 文献号: 57002 DOI: 10.1209/0295-5075/120/57002 出版年: DEC 2017

入藏号: WOS:000425967100002

IDS 号: FX3JA

第 79 条，共 200 条

标题: Electronic Properties of Defects Induced by H Irradiation in Tantalum Phosphide

作者: Cheng, W (Cheng, Wei); Fu, YL (Fu, Yan-Long); Ying, MJ (Ying, Min-Ju); Zhang, FS (Zhang, Feng-Shou)

来源出版物: CHINESE PHYSICS LETTERS 卷: 34 期: 12 文献号: 127101 DOI: 10.1088/0256-307X/34/12/127101 出版年: DEC 2017

入藏号: WOS:000423106300014

IDS 号: FT4ET

第 80 条，共 200 条

标题: Anisotropic Magnetoresistivity in Semimetal TaSb2

作者: Liu, XY (Liu, Xia-Yin); Wang, JL (Wang, Jia-Lu); You, W (You, Wei); Wang, TT (Wang, Ting-Ting); Yang, HY (Yang, Hai-Yang); Jiao, WH (Jiao, Wen-He); Mao, HY (Mao, Hong-Ying); Zhang, L (Zhang, Li); Cheng, J (Cheng, Jie); Li, YK (Li, Yu-Ke)

来源出版物: CHINESE PHYSICS LETTERS 卷: 34 期: 12 文献号: 127501 DOI: 10.1088/0256-307X/34/12/127501 出版年: DEC 2017

入藏号: WOS:000423106300016

IDS 号: FT4ET

第 81 条，共 200 条

标题: Lifshitz Transitions Induced by Temperature and Surface Doping in Type-II Weyl Semimetal Candidate T-d-WTe2

作者: Zhang, QH (Zhang, Qihang); Liu, ZK (Liu, Zhongkai); Sun, Y (Sun, Yan); Yang, HF (Yang, Haifeng); Jiang, J (Jiang, Juan); Mo, SK (Mo, Sung-Kwan); Hussain, Z (Hussain, Zahid); Qian, XF (Qian, Xiaofeng); Fu, L (Fu, Liang); Yao, SH (Yao, Shuhua); Lu, MH (Lu, Minghui); Felser, C (Felser, Claudia); Yan, BH (Yan, Binghai); Chen, YL (Chen, Yulin); Yang, LX (Yang, Lexian)

来源出版物: PHYSICA STATUS SOLIDI-RAPID RESEARCH LETTERS 卷: 11 期: 12 文献号: 1700209 DOI: 10.1002/pssr.201700209 出版年: DEC 2017

入藏号: WOS:000418096000002

IDS 号: FQ1DH

第 82 条，共 200 条

标题: Nodal-line semimetals from Weyl superlattices

作者: Behrends, J (Behrends, Jan); Rhim, JW (Rhim, Jun-Won); Liu, S (Liu, Shang); Grushin, AG (Grushin, Adolfo G.); Bardarson, JH (Bardarson, Jens H.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 24 文献号: 245101 DOI: 10.1103/PhysRevB.96.245101 出版年: DEC 1 2017

入藏号: WOS:000416848200003

IDS 号: FO4WK

第 83 条，共 200 条

标题: Lifshitz Transitions, Type-II Dirac and Weyl Fermions, Event Horizon and All That

作者: Volovik, GE (Volovik, G. E.); Zhang, K (Zhang, K.)

来源出版物: JOURNAL OF LOW TEMPERATURE PHYSICS 卷: 189 期: 5-6 页: 276-299 DOI: 10.1007/s10909-017-1817-8 出版年: DEC 2017

入藏号: WOS:000413813500005

IDS 号: FK9ED

第 84 条，共 200 条

标题: Hourglass Dirac chain metal in rhenium dioxide

作者: Wang, SS (Wang, Shan-Shan); Liu, Y (Liu, Ying); Yu, ZM (Yu, Zhi-Ming); Sheng, XL (Sheng, Xian-Lei); Yang, SA (Yang, Shengyuan A.)

来源出版物: NATURE COMMUNICATIONS 卷: 8 文献号: 1844 DOI: 10.1038/s41467-017-01986-3 出版年: NOV 29 2017

入藏号: WOS:000416410700003

IDS 号: FO0CP

第 85 条，共 200 条

标题: Instability and topological robustness of Weyl semimetals against Coulomb interaction

作者: Xue, F (Xue, Fei); Zhang, XX (Zhang, Xiao-Xiao)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 19 文献号: 195160 DOI: 10.1103/PhysRevB.96.195160 出版年: NOV 28 2017

入藏号: WOS:000416312900001

IDS 号: FN8XZ

第 86 条，共 200 条

标题: Collective effects in tilted Weyl cones: Optical conductivity, polarization, and Coulomb interactions reshaping the cone

作者: Detassis, F (Detassis, Fabrizio); Fritz, L (Fritz, Lars); Grubinskas, S (Grubinskas, Simonas)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 19 文献号: 195157 DOI: 10.1103/PhysRevB.96.195157 出版年: NOV 27 2017

入藏号: WOS:000416235500009

IDS 号: FN7YR

第 87 条，共 200 条

标题: Extremely high magnetoresistance and conductivity in the type-II Weyl semimetals WP2 and MoP2

作者: Kumar, N (Kumar, Nitesh); Sun, Y (Sun, Yan); Xu, N (Xu, Nan); Manna, K (Manna, Kaustuv); Yao, MY (Yao, Mengyu); Suss, V (Suess, Vicky); Leermakers, I (Leermakers, Inge); Young, O (Young, Olga); Forster, T (Foerster, Tobias); Schmidt, M (Schmidt, Marcus); Borrmann, H (Borrmann, Horst); Yan, BH (Yan, Binghai); Zeitler, U (Zeitler, Uli); Shi, M (Shi, Ming); Felser, C (Felser, Claudia); Shekhar, C (Shekhar, Chandra)

来源出版物: NATURE COMMUNICATIONS 卷: 8 文献号: 1642 DOI: 10.1038/s41467-017-01758-z 出版年: NOV 21 2017

入藏号: WOS:000416039000010

IDS 号: FN5HX

第 88 条，共 200 条

标题: Emergence of gapped bulk and metallic side walls in the zeroth Landau level in Dirac and Weyl semimetals

作者: Chan, CK (Chan, Ching-Kit); Lee, PA (Lee, Patrick A.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 19 文献号: 195143 DOI: 10.1103/PhysRevB.96.195143 出版年: NOV 21 2017

入藏号: WOS:000415889200003

IDS 号: FN3HR

第 89 条，共 200 条

标题: Nodal-knot semimetals

作者: Bi, R (Bi, Ren); Yan, ZB (Yan, Zhongbo); Lu, L (Lu, Ling); Wang, Z (Wang, Zhong)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 20 文献号: 201305 DOI: 10.1103/PhysRevB.96.201305 出版年: NOV 20 2017

入藏号: WOS:000415678400002

IDS 号: FN0OR

第 90 条，共 200 条

标题: Weyl semimetal and topological numbers

作者: Elbistan, M (Elbistan, Mahmut)

来源出版物: INTERNATIONAL JOURNAL OF MODERN PHYSICS B 卷: 31 期: 29 文献号: 1750221 DOI: 10.1142/S0217979217502216 出版年: NOV 20 2017

入藏号: WOS:000414809100009

IDS 号: FM2IT

第 91 条，共 200 条

标题: Predicted Weyl fermions in magnetic GdBi and GdSb

作者: Li, Z (Li, Zhi); Xu, DD (Xu, Dan-Dan); Ning, SY (Ning, Shu-Yu); Su, HB (Su, Haibin); Iitaka, T (Iitaka, Toshiaki); Tohyama, T (Tohyama, Takami); Zhang, JX (Zhang, Jiu-Xing)

来源出版物: INTERNATIONAL JOURNAL OF MODERN PHYSICS B 卷: 31 期: 29 文献号: 1750217 DOI: 10.1142/S0217979217502174 出版年: NOV 20 2017

入藏号: WOS:000414809100005

IDS 号: FM2IT

第 92 条，共 200 条

标题: Unconventional Chiral Fermions and Large Topological Fermi Arcs in RhSi

作者: Chang, GQ (Chang, Guoqing); Xu, SY (Xu, Su-Yang); Wieder, BJ (Wieder, Benjamin J.); Sanchez, DS (Sanchez, Daniel S.); Huang, SM (Huang, Shin-Ming); Belopolski, I (Belopolski, Ilya); Chang, TR (Chang, Tay-Rong); Zhang, ST (Zhang, Songtian); Bansil, A (Bansil, Arun); Lin, H (Lin, Hsin); Hasan, MZ (Hasan, M. Zahid)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 20 文献号: 206401 DOI: 10.1103/PhysRevLett.119.206401 出版年: NOV 17 2017

入藏号: WOS:000415604000007

IDS 号: FM9PR

第 93 条，共 200 条

标题: Multiple Types of Topological Fermions in Transition Metal Silicides

作者: Tang, PZ (Tang, Peizhe); Zhou, Q (Zhou, Quan); Zhang, SC (Zhang, Shou-Cheng)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 20 文献号: 206402 DOI: 10.1103/PhysRevLett.119.206402 出版年: NOV 17 2017

入藏号: WOS:000415604000008

IDS 号: FM9PR

第 94 条，共 200 条

标题: Non-necessity of band inversion process in two-dimensional topological insulators for bulk gapless states and topological phase transitions

作者: Xi, WJ (Xi, Wenjie); Ku, W (Ku, Wei)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 20 文献号: 201110 DOI: 10.1103/PhysRevB.96.201110 出版年: NOV 16 2017

入藏号: WOS:000415319900001

IDS 号: FM8EX

第 95 条，共 200 条

标题: Magnetoresistance and robust resistivity plateau in MoAs2

作者: Wang, JL (Wang, Jialu); Li, L (Li, Lin); You, W (You, Wei); Wang, TT (Wang, Tingting); Cao, C (Cao, Chao); Dai, JH (Dai, Jianhui); Li, YK (Li, Yuke)

来源出版物: SCIENTIFIC REPORTS 卷: 7 文献号: 15669 DOI: 10.1038/s41598-017-15962-w 出版年: NOV 15 2017

入藏号: WOS:000415266100018

IDS 号: FM7NQ

第 96 条，共 200 条

标题: Theoretical prediction of two-dimensional functionalized MXene nitrides as topological insulators

作者: Liang, YY (Liang, Yunye); Khazaei, M (Khazaei, Mohammad); Ranjbar, A (Ranjbar, Ahmad); Arai, M (Arai, Masao); Yunoki, S (Yunoki, Seiji); Kawazoe, Y (Kawazoe, Yoshiyuki); Weng, HM (Weng, Hongming); Fang, Z (Fang, Zhong)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 19 文献号: 195414 DOI: 10.1103/PhysRevB.96.195414 出版年: NOV 8 2017

入藏号: WOS:000414668000004

IDS 号: FM0OZ

第 97 条，共 200 条

标题: Mirror Protected Dirac Fermions on a Weyl Semimetal NbP Surface

作者: Zheng, H (Zheng, Hao); Chang, GQ (Chang, Guoqing); Huang, SM (Huang, Shin-Ming); Guo, C (Guo, Cheng); Zhang, X (Zhang, Xiao); Zhang, ST (Zhang, Songtian); Yin, JX (Yin, Jiaxin); Xu, SY (Xu, Su-Yang); Belopolski, I (Belopolski, Ilya); Alidoust, N (Alidoust, Nasser); Sanchez, DS (Sanchez, Daniel S.); Bian, G (Bian, Guang); Chang, TR (Chang, Tay-Rong); Neupert, T (Neupert, Titus); Jeng, HT (Jeng, Horng-Tay); Jia, S (Jia, Shuang); Lin, H (Lin, Hsin); Hasan, MZ (Hasan, M. Zahid)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 19 文献号: 196403 DOI: 10.1103/PhysRevLett.119.196403 出版年: NOV 8 2017

入藏号: WOS:000414664200004

IDS 号: FM0NR

第 98 条，共 200 条

标题: Evolution of Weyl orbit and quantum Hall effect in Dirac semimetal Cd3As2

作者: Zhang, C (Zhang, Cheng); Narayan, A (Narayan, Awadhesh); Lu, SH (Lu, Shiheng); Zhang, JL (Zhang, Jinglei); Zhang, HQ (Zhang, Huiqin); Ni, ZL (Ni, Zhuoliang); Yuan, X (Yuan, Xiang); Liu, YW (Liu, Yanwen); Park, JH (Park, Ju-Hyun); Zhang, EZ (Zhang, Enze); Wang, WY (Wang, Weiyi); Liu, SS (Liu, Shanshan); Cheng, L (Cheng, Long); Pi, L (Pi, Li); Sheng, ZG (Sheng, Zhigao); Sanvito, S (Sanvito, Stefano); Xiu, FX (Xiu, Faxian)

来源出版物: NATURE COMMUNICATIONS 卷: 8 文献号: 1272 DOI: 10.1038/s41467-017-01438-y 出版年: NOV 2 2017

入藏号: WOS:000414245600003

IDS 号: FL5BJ

第 99 条，共 200 条

标题: Ferromagnetic Weyl semimetal phase in a tetragonal structure

作者: Jin, YJ (Jin, Y. J.); Wang, R (Wang, R.); Chen, ZJ (Chen, Z. J.); Zhao, JZ (Zhao, J. Z.); Zhao, YJ (Zhao, Y. J.); Xu, H (Xu, H.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 20 文献号: 201102 DOI: 10.1103/PhysRevB.96.201102 出版年: NOV 2 2017

入藏号: WOS:000414318000001

IDS 号: FL5WV

第 100 条，共 200 条

标题: Magnetotransport properties of MoP2

作者: Wang, AF (Wang, Aifeng); Graf, D (Graf, D.); Stein, A (Stein, Aaron); Liu, Y (Liu, Yu); Yin, WG (Yin, Weiguo); Petrovic, C (Petrovic, C.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 19 文献号: 195107 DOI: 10.1103/PhysRevB.96.195107 出版年: NOV 2 2017

入藏号: WOS:000414317600003

IDS 号: FL5WR

第 101 条，共 200 条

标题: Fermi arcs in tilted Weyl semimetals: Classification, evolution and transport properties

作者: Zhao, XM (Zhao, Xiao-Ming); Kong, X (Kong, Xiao); Guo, CX (Guo, Cui-Xian); Wu, YJ (Wu, Ya-Jie); Kou, SP (Kou, Su-Peng)

来源出版物: EPL 卷: 120 期: 4 文献号: 47004 DOI: 10.1209/0295-5075/120/47004 出版年: NOV 2017

入藏号: WOS:000424370200001

IDS 号: FV2BY

第 102 条，共 200 条

标题: Circular Photogalvanic Effect in the Weyl Semimetal TaAs

作者: Sun, K (Sun, Kai); Sun, SS (Sun, Shuai-Shuai); Wei, LL (Wei, Lin-Lin); Guo, C (Guo, Cong); Tian, HF (Tian, Huan-Fang); Chen, GF (Chen, Gen-Fu); Yang, HX (Yang, Huai-Xin); Li, JQ (Li, Jian-Qi)

来源出版物: CHINESE PHYSICS LETTERS 卷: 34 期: 11 文献号: 117203 DOI: 10.1088/0256-307X/34/11/117203 出版年: NOV 2017

入藏号: WOS:000423104700020

IDS 号: FT4EE

第 103 条，共 200 条

标题: RKKY interaction of magnetic impurities in multi-Weyl semimetals

作者: Sun, Y (Sun, Yong); Wang, AM (Wang, Anmin)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 29 期: 43 文献号: 435306 DOI: 10.1088/1361-648X/aa8932 出版年: NOV 1 2017

入藏号: WOS:000412273200001

IDS 号: FI8SU

第 104 条，共 200 条

标题: Quantum materials discovery from a synthesis perspective

作者: Samarth, N (Samarth, Nitin)

来源出版物: NATURE MATERIALS 卷: 16 期: 11 页: 1068-1076 DOI: 10.1038/nmat5010 出版年: NOV 2017

入藏号: WOS:000413668800010

IDS 号: FK7EV

第 105 条，共 200 条

标题: The physics of quantum materials

作者: Keimer, B (Keimer, B.); Moore, JE (Moore, J. E.)

来源出版物: NATURE PHYSICS 卷: 13 期: 11 页: 1045-1055 DOI: 10.1038/nphys4302 出版年: NOV 2017

入藏号: WOS:000414250500015

IDS 号: FL5DA

第 106 条，共 200 条

标题: A generic phase between disordered Weyl semimetal and diffusive metal

作者: Su, Y (Su, Ying); Wang, XS (Wang, X. S.); Wang, XR (Wang, X. R.)

来源出版物: SCIENTIFIC REPORTS 卷: 7 文献号: 14382 DOI: 10.1038/s41598-017-14760-8 出版年: OCT 30 2017

入藏号: WOS:000414131700075

IDS 号: FL3OC

第 107 条，共 200 条

标题: Weyl semimetal induced from a Dirac semimetal by magnetic doping

作者: Deng, MX (Deng, Ming-Xun); Luo, W (Luo, Wei); Wang, RQ (Wang, Rui-Qiang); Sheng, L (Sheng, L.); Xing, DY (Xing, D. Y.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 15 文献号: 155141 DOI: 10.1103/PhysRevB.96.155141 出版年: OCT 27 2017

入藏号: WOS:000413847800001

IDS 号: FK9RF

第 108 条，共 200 条

标题: Ultraquantum magnetoresistance in the Kramers-Weyl semimetal candidate beta-Ag2Se

作者: Zhang, CL (Zhang, Cheng-Long); Schindler, F (Schindler, Frank); Liu, HW (Liu, Haiwen); Chang, TR (Chang, Tay-Rong); Xu, SY (Xu, Su-Yang); Chang, GQ (Chang, Guoqing); Hua, W (Hua, Wei); Jiang, H (Jiang, Hua); Yuan, ZJ (Yuan, Zhujun); Sun, JL (Sun, Junliang); Jeng, HT (Jeng, Horng-Tay); Lu, HZ (Lu, Hai-Zhou); Lin, H (Lin, Hsin); Hasan, MZ (Hasan, M. Zahid); Xie, XC (Xie, X. C.); Neupert, T (Neupert, Titus); Jia, S (Jia, Shuang)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 165148 DOI: 10.1103/PhysRevB.96.165148 出版年: OCT 26 2017

入藏号: WOS:000413767500004

IDS 号: FK8OG

第 109 条，共 200 条

标题: Observation of the topological surface state in the nonsymmorphic topological insulator KHgSb

作者: Liang, AJ (Liang, A. J.); Jiang, J (Jiang, J.); Wang, MX (Wang, M. X.); Sun, Y (Sun, Y.); Kumar, N (Kumar, N.); Shekhar, C (Shekhar, C.); Chen, C (Chen, C.); Peng, H (Peng, H.); Wang, CW (Wang, C. W.); Xu, X (Xu, X.); Yang, HF (Yang, H. F.); Cui, ST (Cui, S. T.); Hong, GH (Hong, G. H.); Xia, YY (Xia, Y. -Y.); Mo, SK (Mo, S. -K.); Gao, Q (Gao, Q.); Zhou, XJ (Zhou, X. J.); Yang, LX (Yang, L. X.); Felser, C (Felser, C.); Yan, BH (Yan, B. H.); Liu, ZK (Liu, Z. K.); Chen, YL (Chen, Y. L.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 165143 DOI: 10.1103/PhysRevB.96.165143 出版年: OCT 25 2017

入藏号: WOS:000413700500003

IDS 号: FK7PV

第 110 条，共 200 条

标题: Quantum phase transition and unusual critical behavior in multi-Weyl semimetals

作者: Wang, JR (Wang, Jing-Rong); Liu, GZ (Liu, Guo-Zhu); Zhang, CJ (Zhang, Chang-Jin)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 165142 DOI: 10.1103/PhysRevB.96.165142 出版年: OCT 24 2017

入藏号: WOS:000413510900002

IDS 号: FK5BA

第 111 条，共 200 条

标题: Topological surface electronic states in candidate nodal-line semimetal CaAgAs

作者: Wang, XB (Wang, Xiao-Bo); Ma, XM (Ma, Xiao-Ming); Emmanouilidou, E (Emmanouilidou, Eve); Shen, B (Shen, Bing); Hsu, CH (Hsu, Chia-Hsiu); Zhou, CS (Zhou, Chun-Sheng); Zuo, Y (Zuo, Yi); Song, RR (Song, Rong-Rong); Xu, SY (Xu, Su-Yang); Wang, G (Wang, Gan); Huang, L (Huang, Li); Ni, N (Ni, Ni); Liu, C (Liu, Chang)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 161112 DOI: 10.1103/PhysRevB.96.161112 出版年: OCT 24 2017

入藏号: WOS:000413510900001

IDS 号: FK5BA

第 112 条，共 200 条

标题: Electron tunneling through double magnetic barriers in Weyl semimetals

作者: Hu, XW (Hu, Xunwu); Cheng, F (Cheng, Fang)

来源出版物: SCIENTIFIC REPORTS 卷: 7 文献号: 13633 DOI: 10.1038/s41598-017-12835-0 出版年: OCT 19 2017

入藏号: WOS:000413191500072

IDS 号: FK0SX

第 113 条，共 200 条

标题: Bulk Fermi surface of the Weyl type-II semimetallic candidate gamma-MoTe2

作者: Rhodes, D (Rhodes, D.); Schonemann, R (Schonemann, R.); Aryal, N (Aryal, N.); Zhou, Q (Zhou, Q.); Zhang, QR (Zhang, Q. R.); Kampert, E (Kampert, E.); Chiu, YC (Chiu, Y. -C.); Lai, Y (Lai, Y.); Shimura, Y (Shimura, Y.); McCandless, GT (McCandless, G. T.); Chan, JY (Chan, J. Y.); Paley, DW (Paley, D. W.); Lee, J (Lee, J.); Finke, AD (Finke, A. D.); Ruff, JPC (Ruff, J. P. C.); Das, S (Das, S.); Manousakis, E (Manousakis, E.); Balicas, L (Balicas, L.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 165134 DOI: 10.1103/PhysRevB.96.165134 出版年: OCT 17 2017

入藏号: WOS:000413166500003

IDS 号: FK0JQ

第 114 条，共 200 条

标题: Disorder in tilted Weyl semimetals from a renormalization group perspective

作者: Sikkenk, TS (Sikkenk, Tycho S.); Fritz, L (Fritz, Lars)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 15 文献号: 155121 DOI: 10.1103/PhysRevB.96.155121 出版年: OCT 16 2017

入藏号: WOS:000413050700001

IDS 号: FJ8XA

第 115 条，共 200 条

标题: Signatures of a time-reversal symmetric Weyl semimetal with only four Weyl points

作者: Belopolski, I (Belopolski, Ilya); Yu, P (Yu, Peng); Sanchez, DS (Sanchez, Daniel S.); Ishida, Y (Ishida, Yukiaki); Chang, TR (Chang, Tay-Rong); Zhang, SS (Zhang, Songtian S.); Xu, SY (Xu, Su-Yang); Zheng, H (Zheng, Hao); Chang, GQ (Chang, Guoqing); Bian, G (Bian, Guang); Jeng, HT (Jeng, Horng-Tay); Kondo, T (Kondo, Takeshi); Lin, H (Lin, Hsin); Liu, Z (Liu, Zheng); Shin, S (Shin, Shik); Hasan, MZ (Hasan, M. Zahid)

来源出版物: NATURE COMMUNICATIONS 卷: 8 文献号: 942 DOI: 10.1038/s41467-017-00938-1 出版年: OCT 16 2017

入藏号: WOS:000412999700010

IDS 号: FJ8FW

第 116 条，共 200 条

标题: Prediction of high-pressure phases of Weyl semimetal NbAs and NbP

作者: Zhang, JY (Zhang, Jingyun); Yang, CH (Yang, Cuihong); Rao, WF (Rao, Weifeng); Hao, J (Hao, Jian); Li, YW (Li, Yinwei)

来源出版物: SCIENTIFIC REPORTS 卷: 7 文献号: 13251 DOI: 10.1038/s41598-017-13610-x 出版年: OCT 16 2017

入藏号: WOS:000413048000062

IDS 号: FJ8VZ

第 117 条，共 200 条

标题: Chiral Surface States on the Step Edge in a Weyl Semimetal

作者: Takane, Y (Takane, Yositake)

来源出版物: JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN 卷: 86 期: 10 文献号: 104709 DOI: 10.7566/JPSJ.86.104709 出版年: OCT 15 2017

入藏号: WOS:000411951300013

IDS 号: FI4OL

第 118 条，共 200 条

标题: Quasiparticle interference of surface states in the type-II Weyl semimetal WTe2

作者: Zhang, WH (Zhang, Wenhan); Wu, QS (Wu, Quansheng); Zhang, LY (Zhang, Lunyong); Cheong, SW (Cheong, Sang-Wook); Soluyanov, AA (Soluyanov, Alexey A.); Wu, WD (Wu, Weida)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 165125 DOI: 10.1103/PhysRevB.96.165125 出版年: OCT 13 2017

入藏号: WOS:000412976500002

IDS 号: FJ7YN

第 119 条，共 200 条

标题: Topological Hopf and Chain Link Semimetal States and Their Application to Co2MnGa

作者: Chang, GQ (Chang, Guoqing); Xu, SY (Xu, Su-Yang); Zhou, XT (Zhou, Xiaoting); Huang, SM (Huang, Shin-Ming); Singh, B (Singh, Bahadur); Wang, BK (Wang, Baokai); Belopolski, I (Belopolski, Ilya); Yin, JX (Yin, Jiaxin); Zhang, ST (Zhang, Songtian); Bansil, A (Bansil, Arun); Lin, H (Lin, Hsin); Hasan, MZ (Hasan, M. Zahid)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 15 文献号: 156401 DOI: 10.1103/PhysRevLett.119.156401 出版年: OCT 13 2017

入藏号: WOS:000412979000013

IDS 号: FJ7ZG

第 120 条，共 200 条

标题: Fermion-induced quantum critical points in three-dimensional Weyl semimetals

作者: Jian, SK (Jian, Shao-Kai); Yao, H (Yao, Hong)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 15 文献号: 155112 DOI: 10.1103/PhysRevB.96.155112 出版年: OCT 10 2017

入藏号: WOS:000412699800001

IDS 号: FJ4II

第 121 条，共 200 条

标题: Hidden type-II Weyl points in the Weyl semimetal NbP

作者: Wu, SC (Wu, Shu-Chun); Sun, Y (Sun, Yan); Felser, C (Felser, Claudia); Yan, BH (Yan, Binghai)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 165113 DOI: 10.1103/PhysRevB.96.165113 出版年: OCT 9 2017

入藏号: WOS:000412515200003

IDS 号: FJ1XT

第 122 条，共 200 条

标题: Numerical study of universal conductance fluctuations in three-dimensional topological semimetals

作者: Hu, YY (Hu, Yayun); Liu, HW (Liu, Haiwen); Jiang, H (Jiang, Hua); Xie, XC (Xie, X. C.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 13 文献号: 134201 DOI: 10.1103/PhysRevB.96.134201 出版年: OCT 5 2017

入藏号: WOS:000412362500001

IDS 号: FI9XH

第 123 条，共 200 条

标题: Topological Type-II Nodal Line Semimetal and Dirac Semimetal State in Stable Kagome Compound Mg3Bi2

作者: Zhang, XM (Zhang, Xiaoming); Jin, L (Jin, Lei); Dai, XF (Dai, Xuefang); Liu, GD (Liu, Guodong)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY LETTERS 卷: 8 期: 19 页: 4814-4819 DOI: 10.1021/acs.jpclett.7b02129 出版年: OCT 5 2017

入藏号: WOS:000412720100029

IDS 号: FJ4ON

第 124 条，共 200 条

标题: Robust doubly charged nodal lines and nodal surfaces in centrosymmetric systems

作者: Bzdusek, T (Bzdusek, Tomas); Sigrist, M (Sigrist, Manfred)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 15 文献号: 155105 DOI: 10.1103/PhysRevB.96.155105 出版年: OCT 4 2017

入藏号: WOS:000412247600001

IDS 号: FI8JB

第 125 条，共 200 条

标题: Tuning the electrical transport of type II Weyl semimetal WTe2 nanodevices by Ga plus ion implantation

作者: Fu, DZ (Fu, Dongzhi); Zhang, BW (Zhang, Bingwen); Pan, XC (Pan, Xingchen); Fei, FC (Fei, Fucong); Chen, YD (Chen, Yongda); Gao, M (Gao, Ming); Wu, SY (Wu, Shuyi); He, J (He, Jian); Bai, ZB (Bai, Zhanbin); Pan, YM (Pan, Yiming); Zhang, QF (Zhang, Qinfang); Wang, XF (Wang, Xuefeng); Wu, XL (Wu, Xinglong); Song, FQ (Song, Fengqi)

来源出版物: SCIENTIFIC REPORTS 卷: 7 文献号: 12688 DOI: 10.1038/s41598-017-12865-8 出版年: OCT 4 2017

入藏号: WOS:000412161800026

IDS 号: FI7FH

第 126 条，共 200 条

标题: Topological semimetal in honeycomb lattice LnSI

作者: Nie, SM (Nie, Simin); Xu, G (Xu, Gang); Prinz, FB (Prinz, Fritz B.); Zhang, SC (Zhang, Shou-cheng)

来源出版物: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA 卷: 114 期: 40 页: 10596-10600 DOI: 10.1073/pnas.1713261114 出版年: OCT 3 2017

入藏号: WOS:000412130500049

IDS 号: FI6TX

第 127 条，共 200 条

标题: Magnetoconductivity in Weyl semimetals: Effect of chemical potential and temperature

作者: Xiao, X (Xiao, Xiao); Law, KT (Law, K. T.); Lee, PA (Lee, P. A.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 165101 DOI: 10.1103/PhysRevB.96.165101 出版年: OCT 2 2017

入藏号: WOS:000412029700002

IDS 号: FI5MZ

第 128 条，共 200 条

标题: Competition between the inter-valley scattering and the intra-valley scattering on magnetoconductivity induced by screened Coulomb disorder in Weyl semimetals

作者: Ji, XT (Ji, Xuan-Ting); Lu, HZ (Lu, Hai-Zhou); Zhu, ZG (Zhu, Zhen-Gang); Su, G (Su, Gang)

来源出版物: AIP ADVANCES 卷: 7 期: 10 文献号: 105003 DOI: 10.1063/1.4998395 出版年: OCT 2017

入藏号: WOS:000414246100003

IDS 号: FL5BO

第 129 条，共 200 条

标题: Material design of high-capacity Li-rich layered-oxide electrodes: Li2MnO3 and beyond

作者: Kim, S (Kim, Soo); Aykol, M (Aykol, Muratahan); Hegde, VI (Hegde, Vinay I.); Lu, Z (Lu, Zhi); Kirklin, S (Kirklin, Scott); Croy, JR (Croy, Jason R.); Thackeray, MM (Thackeray, Michael M.); Wolverton, C (Wolverton, Chris)

来源出版物: ENERGY & ENVIRONMENTAL SCIENCE 卷: 10 期: 10 页: 2201-2211 DOI: 10.1039/c7ee01782k 出版年: OCT 1 2017

入藏号: WOS:000412765600014

IDS 号: FJ5DJ

第 130 条，共 200 条

标题: Magnetic-tunnelling-induced Weyl node annihilation in TaP

作者: Zhang, CL (Zhang, Cheng-Long); Xu, SY (Xu, Su-Yang); Wang, CM (Wang, C. M.); Lin, ZQ (Lin, Ziquan); Du, ZZ (Du, Z. Z.); Guo, C (Guo, Cheng); Lee, CC (Lee, Chi-Cheng); Lu, H (Lu, Hong); Feng, YY (Feng, Yiyang); Huang, SM (Huang, Shin-Ming); Chang, GQ (Chang, Guoqing); Hsu, CH (Hsu, Chuang-Han); Liu, HW (Liu, Haiwen); Lin, H (Lin, Hsin); Li, L (Li, Liang); Zhang, C (Zhang, Chi); Zhang, JL (Zhang, Jinglei); Xie, XC (Xie, Xin-Cheng); Neupert, T (Neupert, Titus); Hasan, MZ (Hasan, M. Zahid); Lu, HZ (Lu, Hai-Zhou); Wang, JF (Wang, Junfeng); Jia, S (Jia, Shuang)

来源出版物: NATURE PHYSICS 卷: 13 期: 10 页: 979-+ DOI: 10.1038/NPHYS4183 出版年: OCT 2017

入藏号: WOS:000412181200019

IDS 号: FI7MO

第 131 条，共 200 条

标题: Three-Dimensional Dirac Semimetal beta-PbO2

作者: Wang, W (Wang, Wei); Deng, LJ (Deng, Linjie); Jiao, N (Jiao, Na); Zhou, P (Zhou, Pan); Sun, LZ (Sun, Lizhong)

来源出版物: PHYSICA STATUS SOLIDI-RAPID RESEARCH LETTERS 卷: 11 期: 10 文献号: 1700271 DOI: 10.1002/pssr.201700271 出版年: OCT 2017

入藏号: WOS:000412162000010

IDS 号: FI7FJ

第 132 条，共 200 条

标题: 3D Quantum Hall Effect of Fermi Arc in Topological Semimetals

作者: Wang, CM (Wang, C. M.); Sun, HP (Sun, Hai-Peng); Lu, HZ (Lu, Hai-Zhou); Xie, XC (Xie, X. C.)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 13 文献号: 136806 DOI: 10.1103/PhysRevLett.119.136806 出版年: SEP 28 2017

入藏号: WOS:000411996200014

IDS 号: FI5BR

第 133 条，共 200 条

标题: Prediction of Triple Point Fermions in Simple Half-Heusler Topological Insulators

作者: Yang, H (Yang, Hao); Yu, JB (Yu, Jiabin); Parkin, SSP (Parkin, Stuart S. P.); Felser, C (Felser, Claudia); Liu, CX (Liu, Chao-Xing); Yan, BH (Yan, Binghai)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 13 文献号: 136401 DOI: 10.1103/PhysRevLett.119.136401 出版年: SEP 28 2017

入藏号: WOS:000411996200011

IDS 号: FI5BR

第 134 条，共 200 条

标题: Nonlinear Dirac cones

作者: Bomantara, RW (Bomantara, Raditya Weda); Zhao, WL (Zhao, Wenlei); Zhou, LW (Zhou, Longwen); Gong, JB (Gong, Jiangbin)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 121406 DOI: 10.1103/PhysRevB.96.121406 出版年: SEP 27 2017

入藏号: WOS:000411980200003

IDS 号: FI4WQ

第 135 条，共 200 条

标题: Quantum oscillations in Weyl semimetals: A surface theory approach

作者: Borchmann, J (Borchmann, Jan); Pereg-Barnea, T (Pereg-Barnea, T.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 125153 DOI: 10.1103/PhysRevB.96.125153 出版年: SEP 27 2017

入藏号: WOS:000411980200007

IDS 号: FI4WQ

第 136 条，共 200 条

标题: Imbert-Fedorov shift in Weyl semimetals: Dependence on monopole charge and intervalley scattering

作者: Wang, LY (Wang, Luyang); Jian, SK (Jian, Shao-Kai)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 11 文献号: 115448 DOI: 10.1103/PhysRevB.96.115448 出版年: SEP 27 2017

入藏号: WOS:000411979100006

IDS 号: FI4WJ

第 137 条，共 200 条

标题: Recognition of Fermi-arc states through the magnetoresistance quantum oscillations in Dirac semimetal Cd3As2 nanoplates

作者: Zheng, GL (Zheng, Guolin); Wu, M (Wu, Min); Zhang, HW (Zhang, Hongwei); Chu, WW (Chu, Weiwei); Gao, WS (Gao, Wenshuai); Lu, JW (Lu, Jianwei); Han, YY (Han, Yuyan); Yang, JY (Yang, Jiyong); Du, HF (Du, Haifeng); Ning, W (Ning, Wei); Zhang, YH (Zhang, Yuheng); Tian, ML (Tian, Mingliang)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 121407 DOI: 10.1103/PhysRevB.96.121407 出版年: SEP 27 2017

入藏号: WOS:000411980200004

IDS 号: FI4WQ

第 138 条，共 200 条

标题: Charge Density Waves in Graphite: Towards the Magnetic Ultraquantum Limit

作者: Arnold, F (Arnold, F.); Isidori, A (Isidori, A.); Kampert, E (Kampert, E.); Yager, B (Yager, B.); Eschrig, M (Eschrig, M.); Saunders, J (Saunders, J.)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 13 文献号: 136601 DOI: 10.1103/PhysRevLett.119.136601 出版年: SEP 26 2017

入藏号: WOS:000411769700009

IDS 号: FI2LI

第 139 条，共 200 条

标题: Emergent pseudospin-1 Maxwell fermions with a threefold degeneracy in optical lattices

作者: Zhu, YQ (Zhu, Yan-Qing); Zhang, DW (Zhang, Dan-Wei); Yan, H (Yan, Hui); Xing, DY (Xing, Ding-Yu); Zhu, SL (Zhu, Shi-Liang)

来源出版物: PHYSICAL REVIEW A 卷: 96 期: 3 文献号: 033634 DOI: 10.1103/PhysRevA.96.033634 出版年: SEP 26 2017

入藏号: WOS:000411767900005

IDS 号: FI2KQ

第 140 条，共 200 条

标题: Towards diluted magnetism in TaAs

作者: Liu, Y (Liu, Yu); Li, ZL (Li, Zhilin); Guo, LW (Guo, Liwei); Chen, XL (Chen, Xiaolong); Yuan, Y (Yuan, Ye); Xu, C (Xu, Chi); Hubner, R (Huebner, Rene); Akhmadaliev, S (Akhmadaliev, Shavkat); Krasheninnikov, AV (Krasheninnikov, Arkady V.); N'Diaye, AT (N'Diaye, Alpha T.); Arenholz, E (Arenholz, Elke); Helm, M (Helm, Manfred); Zhou, SQ (Zhou, Shengqiang)

来源出版物: PHYSICAL REVIEW MATERIALS 卷: 1 期: 4 文献号: 044203 DOI: 10.1103/PhysRevMaterials.1.044203 出版年: SEP 25 2017

入藏号: WOS:000416581500001

IDS 号: FO2CY

第 141 条，共 200 条

标题: Reentrant metallic behavior in the Weyl semimetal NbP

作者: Xu, J (Xu, J.); Bugaris, DE (Bugaris, D. E.); Xiao, ZL (Xiao, Z. L.); Wang, YL (Wang, Y. L.); Chung, DY (Chung, D. Y.); Kanatzidis, MG (Kanatzidis, M. G.); Kwok, WK (Kwok, W. K.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 11 文献号: 115152 DOI: 10.1103/PhysRevB.96.115152 出版年: SEP 25 2017

入藏号: WOS:000411572100003

IDS 号: FH9XX

第 142 条，共 200 条

标题: Unusual interlayer quantum transport behavior caused by the zeroth Landau level in YbMnBi2

作者: Liu, JY (Liu, J. Y.); Hu, J (Hu, J.); Graf, D (Graf, D.); Zou, T (Zou, T.); Zhu, M (Zhu, M.); Shi, Y (Shi, Y.); Che, S (Che, S.); Radmanesh, SMA (Radmanesh, S. M. A.); Lau, CN (Lau, C. N.); Spinu, L (Spinu, L.); Cao, HB (Cao, H. B.); Ke, X (Ke, X.); Mao, ZQ (Mao, Z. Q.)

来源出版物: NATURE COMMUNICATIONS 卷: 8 文献号: 646 DOI: 10.1038/s41467-017-00673-7 出版年: SEP 21 2017

入藏号: WOS:000411416100006

IDS 号: FH8BF

第 143 条，共 200 条

标题: The prediction of a family group of two-dimensional node-line semimetals

作者: Jin, YJ (Jin, Yuan-Jun); Wang, R (Wang, Rui); Zhao, JZ (Zhao, Jin-Zhu); Du, YP (Du, Yong-Ping); Zheng, CD (Zheng, Can-Di); Gan, LY (Gan, Li-Yong); Liu, JF (Liu, Jun-Feng); Xu, H (Xu, Hu); Tong, SY (Tong, S. Y.)

来源出版物: NANOSCALE 卷: 9 期: 35 页: 13112-13118 DOI: 10.1039/c7nr03520a 出版年: SEP 21 2017

入藏号: WOS:000410659800037

IDS 号: FG8DY

第 144 条，共 200 条

标题: A nonmagnetic topological Weyl semimetal in quaternary Heusler compound CrAlTiV

作者: Liu, XX (Liu, Xiaoxiong); Li, L (Li, Lei); Cui, YG (Cui, Yvgui); Deng, JB (Deng, Jianbo); Tao, XM (Tao, Xiaoma)

来源出版物: APPLIED PHYSICS LETTERS 卷: 111 期: 12 文献号: 122104 DOI: 10.1063/1.4986155 出版年: SEP 18 2017

入藏号: WOS:000411646300023

IDS 号: FI0UW

第 145 条，共 200 条

标题: Classification of accidental band crossings and emergent semimetals in two-dimensional noncentrosymmetric systems

作者: Park, S (Park, Sungjoon); Yang, BJ (Yang, Bohm-Jung)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 125127 DOI: 10.1103/PhysRevB.96.125127 出版年: SEP 18 2017

入藏号: WOS:000411079000006

IDS 号: FH3VU

第 146 条，共 200 条

标题: Interplay between short-range correlated disorder and Coulomb interaction in nodal-line semimetals

作者: Wang, YX (Wang, Yuxuan); Nandkishore, RM (Nandkishore, Rahul M.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 11 文献号: 115130 DOI: 10.1103/PhysRevB.96.115130 出版年: SEP 18 2017

入藏号: WOS:000411077400004

IDS 号: FH3VF

第 147 条，共 200 条

标题: Large magnetoresistance and Fermi surface topology of PrSb

作者: Wu, F (Wu, F.); Guo, CY (Guo, C. Y.); Smidman, M (Smidman, M.); Zhang, JL (Zhang, J. L.); Yuan, HQ (Yuan, H. Q.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 125122 DOI: 10.1103/PhysRevB.96.125122 出版年: SEP 13 2017

入藏号: WOS:000410591300004

IDS 号: FG7IX

第 148 条，共 200 条

标题: Topological nodal points in two coupled Su-Schrieffer-Heeger chains

作者: Li, C (Li, C.); Lin, S (Lin, S.); Zhang, G (Zhang, G.); Song, Z (Song, Z.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 125418 DOI: 10.1103/PhysRevB.96.125418 出版年: SEP 12 2017

入藏号: WOS:000410455000005

IDS 号: FG6BY

第 149 条，共 200 条

标题: Dirac semimetal phase in hexagonal LiZnBi

作者: Cao, WD (Cao, Wendong); Tang, PZ (Tang, Peizhe); Xu, Y (Xu, Yong); Wu, J (Wu, Jian); Gu, BL (Gu, Bing-Lin); Duan, WH (Duan, Wenhui)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 11 文献号: 115203 DOI: 10.1103/PhysRevB.96.115203 出版年: SEP 11 2017

入藏号: WOS:000410176500005

IDS 号: FG4DD

第 150 条，共 200 条

标题: Fermi surface of the Weyl type-II metallic candidate WP2

作者: Schonemann, R (Schonemann, R.); Aryal, N (Aryal, N.); Zhou, Q (Zhou, Q.); Chiu, YC (Chiu, Y. -C.); Chen, KW (Chen, K. -W.); Martin, TJ (Martin, T. J.); McCandless, GT (McCandless, G. T.); Chan, JY (Chan, J. Y.); Manousakis, E (Manousakis, E.); Balicas, L (Balicas, L.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 121108 DOI: 10.1103/PhysRevB.96.121108 出版年: SEP 11 2017

入藏号: WOS:000410178600003

IDS 号: FG4DM

第 151 条，共 200 条

标题: Anomalous Nernst and thermal Hall effects in tilted Weyl semimetals

作者: Ferreiros, Y (Ferreiros, Yago); Zyuzin, AA (Zyuzin, A. A.); Bardarson, JH (Bardarson, Jens H.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 11 文献号: 115202 DOI: 10.1103/PhysRevB.96.115202 出版年: SEP 8 2017

入藏号: WOS:000410001400004

IDS 号: FG2YQ

第 152 条，共 200 条

标题: Recipe for generating Weyl semimetals with extended topologically protected features

作者: Wang, R (Wang, R.); Zhao, JZ (Zhao, J. Z.); Jin, YJ (Jin, Y. J.); Xu, WP (Xu, W. P.); Gan, LY (Gan, L. -Y.); Wu, XZ (Wu, X. Z.); Xu, H (Xu, H.); Tong, SY (Tong, S. Y.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 121104 DOI: 10.1103/PhysRevB.96.121104 出版年: SEP 8 2017

入藏号: WOS:000410002000001

IDS 号: FG2YV

第 153 条，共 200 条

标题: Ternary wurtzite CaAgBi materials family: A playground for essential and accidental, type-I and type-II Dirac fermions

作者: Chen, C (Chen, Cong); Wang, SS (Wang, Shan-Shan); Liu, L (Liu, Lei); Yu, ZM (Yu, Zhi-Ming); Sheng, XL (Sheng, Xian-Lei); Chen, ZY (Chen, Ziyu); Yang, SA (Yang, Shengyuan A.)

来源出版物: PHYSICAL REVIEW MATERIALS 卷: 1 期: 4 文献号: 044201 DOI: 10.1103/PhysRevMaterials.1.044201 出版年: SEP 6 2017

入藏号: WOS:000416576100002

IDS 号: FO2BN

第 154 条，共 200 条

标题: Electronic structure and topological properties of centrosymmetric MoAs2/WAs2 from first principles

作者: Chen, J (Chen, Jia); Li, YK (Li, Yu-Ke); Dai, JH (Dai, Jianhui); Cao, C (Cao, Chao)

来源出版物: SCIENTIFIC REPORTS 卷: 7 文献号: 10491 DOI: 10.1038/s41598-017-10939-1 出版年: SEP 5 2017

入藏号: WOS:000409309300079

IDS 号: FF9AN

第 155 条，共 200 条

标题: Comparative study on structural, elastic, dynamical, and thermodynamic properties of Weyl semimetals MX (M = Ta or Nb; X = As or P)

作者: Liu, L (Liu, Lei); Wang, ZQ (Wang, Zhao-Qi); Hu, CE (Hu, Cui-E.); Cheng, Y (Cheng, Yan); Ji, GF (Ji, Guang-Fu)

来源出版物: SOLID STATE COMMUNICATIONS 卷: 263 页: 10-18 DOI: 10.1016/j.ssc.2017.06.011 出版年: SEP 2017

入藏号: WOS:000410842900003

IDS 号: FH0PM

第 156 条，共 200 条

标题: Direct optical detection of Weyl fermion chirality in a topological semimetal

作者: Ma, Q (Ma, Qiong); Xu, SY (Xu, Su-Yang); Chan, CK (Chan, Ching-Kit); Zhang, CL (Zhang, Cheng-Long); Chang, GQ (Chang, Guoqing); Lin, YX (Lin, Yuxuan); Xie, WW (Xie, Weiwei); Palacios, T (Palacios, Tomas); Lin, H (Lin, Hsin); Jia, S (Jia, Shuang); Lee, PA (Lee, Patrick A.); Jarillo-Herrero, P (Jarillo-Herrero, Pablo); Gedik, N (Gedik, Nuh)

来源出版物: NATURE PHYSICS 卷: 13 期: 9 页: 842-+ DOI: 10.1038/NPHYS4146 出版年: SEP 2017

入藏号: WOS:000409235100015

IDS 号: FF7ZO

第 157 条，共 200 条

标题: Transverse shift in Andreev reflection

作者: Liu, Y (Liu, Ying); Yu, ZM (Yu, Zhi-Ming); Yang, SYA (Yang, Shengyuan A.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 121101 DOI: 10.1103/PhysRevB.96.121101 出版年: SEP 1 2017

入藏号: WOS:000408826800001

IDS 号: FF3QB

第 158 条，共 200 条

标题: Experimental evidence for type-II Dirac semimetal in PtSe2

作者: Zhang, KN (Zhang, Kenan); Yan, MZ (Yan, Mingzhe); Zhang, HX (Zhang, Haoxiong); Huang, HQ (Huang, Huaqing); Arita, M (Arita, Masashi); Sun, Z (Sun, Zhe); Duan, WH (Duan, Wenhui); Wu, Y (Wu, Yang); Zhou, SY (Zhou, Shuyun)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 125102 DOI: 10.1103/PhysRevB.96.125102 出版年: SEP 1 2017

入藏号: WOS:000408826800005

IDS 号: FF3QB

第 159 条，共 200 条

标题: A magnetic topological semimetal Sr1-yMn1-zSb2 (y, z < 0.1)

作者: Liu, JY (Liu, J. Y.); Hu, J (Hu, J.); Zhang, Q (Zhang, Q.); Graf, D (Graf, D.); Cao, HB (Cao, H. B.); Radmanesh, SMA (Radmanesh, S. M. A.); Adams, DJ (Adams, D. J.); Zhu, YL (Zhu, Y. L.); Cheng, GF (Cheng, G. F.); Liu, X (Liu, X.); Phelan, WA (Phelan, W. A.); Wei, J (Wei, J.); Jaime, M (Jaime, M.); Balakirev, F (Balakirev, F.); Tennant, DA (Tennant, D. A.); DiTusa, JF (DiTusa, J. F.); Chiorescu, I (Chiorescu, I.); Spinu, L (Spinu, L.); Mao, ZQ (Mao, Z. Q.)

来源出版物: NATURE MATERIALS 卷: 16 期: 9 页: 905-+ DOI: 10.1038/NMAT4953 出版年: SEP 2017

入藏号: WOS:000408591300012

IDS 号: FF0KT

第 160 条，共 200 条

标题: Synthesizing Weyl semimetals in weak topological insulator and topological crystalline insulator multilayers

作者: Lau, A (Lau, Alexander); Ortix, C (Ortix, Carmine)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 8 文献号: 081411 DOI: 10.1103/PhysRevB.96.081411 出版年: AUG 31 2017

入藏号: WOS:000408703700001

IDS 号: FF2BU

第 161 条，共 200 条

标题: Magneto-optical conductivity of double Weyl semimetals

作者: Sun, Y (Sun, Yong); Wang, AM (Wang, An-Min)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 8 文献号: 085147 DOI: 10.1103/PhysRevB.96.085147 出版年: AUG 31 2017

入藏号: WOS:000408703700002

IDS 号: FF2BU

第 162 条，共 200 条

标题: Two-Dimensional Massless Dirac Fermions in Antiferromagnetic A Fe2As2 (A=Ba,Sr)

作者: Chen, ZG (Chen, Zhi-Guo); Wang, LY (Wang, Luyang); Song, Y (Song, Yu); Lu, XY (Lu, Xingye); Luo, HQ (Luo, Huiqian); Zhang, CL (Zhang, Chenglin); Dai, PC (Dai, Pengcheng); Yin, ZP (Yin, Zhiping); Haule, K (Haule, Kristjan); Kotliar, G (Kotliar, Gabriel)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 9 文献号: 096401 DOI: 10.1103/PhysRevLett.119.096401 出版年: AUG 31 2017

入藏号: WOS:000408705200015

IDS 号: FF2CJ

第 163 条，共 200 条

标题: Line nodes, Dirac points, and Lifshitz transition in two-dimensional nonsymmorphic photonic crystals

作者: Lin, JY (Lin, Jun Yu); Hu, NC (Hu, Nai Chao); Chen, YJ (Chen, You Jian); Lee, CH (Lee, Ching Hua); Zhang, X (Zhang, Xiao)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 7 文献号: 075438 DOI: 10.1103/PhysRevB.96.075438 出版年: AUG 28 2017

入藏号: WOS:000408511700009

IDS 号: FE9GH

第 164 条，共 200 条

标题: Anomalous Hall Effect and Topological Defects in Antiferromagnetic Weyl Semimetals: Mn3Sn/Ge

作者: Liu, JP (Liu, Jianpeng); Balents, L (Balents, Leon)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 8 文献号: 087202 DOI: 10.1103/PhysRevLett.119.087202 出版年: AUG 24 2017

入藏号: WOS:000408354300010

IDS 号: FE6YH

第 165 条，共 200 条

标题: Weyl-link semimetals

作者: Chang, PY (Chang, Po-Yao); Yee, CH (Yee, Chuck-Hou)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 8 文献号: 081114 DOI: 10.1103/PhysRevB.96.081114 出版年: AUG 24 2017

入藏号: WOS:000408342600001

IDS 号: FE6TU

第 166 条，共 200 条

标题: Wigner function and kinetic phenomena for chiral plasma in a strong magnetic field

作者: Gorbar, EV (Gorbar, E. V.); Miransky, VA (Miransky, V. A.); Shovkovy, IA (Shovkovy, I. A.); Sukhachov, PO (Sukhachov, P. O.)

来源出版物: JOURNAL OF HIGH ENERGY PHYSICS 期: 8 文献号: 103 DOI: 10.1007/JHEP08(2017)103 出版年: AUG 23 2017

入藏号: WOS:000408381100001

IDS 号: FE7IP

第 167 条，共 200 条

标题: Origin of Bardeen-Zumino current in lattice models of Weyl semimetals

作者: Gorbar, EV (Gorbar, E. V.); Miransky, VA (Miransky, V. A.); Shovkovy, IA (Shovkovy, I. A.); Sukhachov, PO (Sukhachov, P. O.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 8 文献号: 085130 DOI: 10.1103/PhysRevB.96.085130 出版年: AUG 22 2017

入藏号: WOS:000408115600004

IDS 号: FE3KU

第 168 条，共 200 条

标题: Theoretical study of the pressure-induced topological phase transition in LaSb

作者: Guo, PJ (Guo, Peng-Jie); Yang, HC (Yang, Huan-Cheng); Liu, K (Liu, Kai); Lu, ZY (Lu, Zhong-Yi)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 8 文献号: 081112 DOI: 10.1103/PhysRevB.96.081112 出版年: AUG 21 2017

入藏号: WOS:000407994300001

IDS 号: FE1RC

第 169 条，共 200 条

标题: Thermopower and thermal conductivity in the Weyl semimetal NbP

作者: Stockert, U (Stockert, U.); dos Reis, RD (dos Reis, R. D.); Ajeesh, MO (Ajeesh, M. O.); Watzman, SJ (Watzman, S. J.); Schmidt, M (Schmidt, M.); Shekhar, C (Shekhar, C.); Heremans, JP (Heremans, J. P.); Felser, C (Felser, C.); Baenitz, M (Baenitz, M.); Nicklas, M (Nicklas, M.)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 29 期: 32 文献号: 325701 DOI: 10.1088/1361-648X/aa7a3b 出版年: AUG 16 2017

入藏号: WOS:000405569200001

IDS 号: FA6QO

第 170 条，共 200 条

标题: Evolution of the topologically protected surface states in superconductor beta-Bi2Pd from the three-dimensional to the two-dimensional limit

作者: Wang, BT (Wang, B. T.); Margine, ER (Margine, Elena R.)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 29 期: 32 文献号: 325501 DOI: 10.1088/1361-648X/aa7a4b 出版年: AUG 16 2017

入藏号: WOS:000405324300001

IDS 号: FA3EH

第 171 条，共 200 条

标题: Lorentz-violating type-II Dirac fermions in transition metal dichalcogenide PtTe2

作者: Yan, MZ (Yan, Mingzhe); Huang, HQ (Huang, Huaqing); Zhang, KN (Zhang, Kenan); Wang, EY (Wang, Eryin); Yao, W (Yao, Wei); Deng, K (Deng, Ke); Wan, GL (Wan, Guoliang); Zhang, HY (Zhang, Hongyun); Arita, M (Arita, Masashi); Yang, HT (Yang, Haitao); Sun, Z (Sun, Zhe); Yao, H (Yao, Hong); Wu, Y (Wu, Yang); Fan, SS (Fan, Shoushan); Duan, WH (Duan, Wenhui); Zhou, SY (Zhou, Shuyun)

来源出版物: NATURE COMMUNICATIONS 卷: 8 文献号: 257 DOI: 10.1038/s41467-017-00280-6 出版年: AUG 15 2017

入藏号: WOS:000407553800015

IDS 号: FD5EN

第 172 条，共 200 条

标题: Type-II nodal loops: Theory and material realization

作者: Li, S (Li, Si); Yu, ZM (Yu, Zhi-Ming); Liu, Y (Liu, Ying); Guan, S (Guan, Shan); Wang, SS (Wang, Shan-Shan); Zhang, XM (Zhang, Xiaoming); Yao, YG (Yao, Yugui); Yang, SAG (Yang, Shengyuan A.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 8 文献号: 081106 DOI: 10.1103/PhysRevB.96.081106 出版年: AUG 14 2017

入藏号: WOS:000407549100001

IDS 号: FD5CS

第 173 条，共 200 条

标题: Antiferromagnetic topological nodal line semimetals

作者: Wang, J (Wang, Jing)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 8 文献号: 081107 DOI: 10.1103/PhysRevB.96.081107 出版年: AUG 14 2017

入藏号: WOS:000407549100002

IDS 号: FD5CS

第 174 条，共 200 条

标题: Strongly angle-dependent magnetoresistance in Weyl semimetals with long-range disorder

作者: Behrends, J (Behrends, Jan); Bardarson, JH (Bardarson, Jens H.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 6 文献号: 060201 DOI: 10.1103/PhysRevB.96.060201 出版年: AUG 10 2017

入藏号: WOS:000407318500001

IDS 号: FD1TB

第 175 条，共 200 条

标题: Optical signature of Weyl electronic structures in tantalum pnictides TaPn (Pn = P, As)

作者: Kimura, S (Kimura, Shin-ichi); Yokoyama, H (Yokoyama, Hiroko); Watanabe, H (Watanabe, Hiroshi); Sichelschmidt, J (Sichelschmidt, Joerg); Suss, V (Suess, Vicky); Schmidt, M (Schmidt, Marcus); Felser, C (Felser, Claudia)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 7 文献号: 075119 DOI: 10.1103/PhysRevB.96.075119 出版年: AUG 10 2017

入藏号: WOS:000407319300001

IDS 号: FD1TJ

第 176 条，共 200 条

标题: Competition between disorder and interaction effects in three-dimensional Weyl semimetals

作者: Gonzalez, J (Gonzalez, J.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 8 文献号: 081104 DOI: 10.1103/PhysRevB.96.081104 出版年: AUG 9 2017

入藏号: WOS:000407266100001

IDS 号: FD0ZB

第 177 条，共 200 条

标题: Anomalous tunneling characteristic of Weyl semimetals with tilted energy dispersion

作者: Yesilyurt, C (Yesilyurt, Can); Siu, ZB (Siu, Zhuo Bin); Tan, SG (Tan, Seng Ghee); Liang, GC (Liang, Gengchiau); Yang, SYA (Yang, Shengyuan A.); Jalil, MBA (Jalil, Mansoor B. A.)

来源出版物: APPLIED PHYSICS LETTERS 卷: 111 期: 6 文献号: 063101 DOI: 10.1063/1.4997296 出版年: AUG 7 2017

入藏号: WOS:000407696500034

IDS 号: FD7HF

第 178 条，共 200 条

标题: Hourglass semimetals with nonsymmorphic symmetries in three dimensions

作者: Wang, LY (Wang, Luyang); Jian, SK (Jian, Shao-Kai); Yao, H (Yao, Hong)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 7 文献号: 075110 DOI: 10.1103/PhysRevB.96.075110 出版年: AUG 7 2017

入藏号: WOS:000407015600005

IDS 号: FC7IU

第 179 条，共 200 条

标题: Robustness of topological states with respect to lattice instability in the nonsymmorphic topological insulator KHgSb

作者: Chen, D (Chen, D.); Zhang, TT (Zhang, T. -T.); Yi, CJ (Yi, C. -J.); Song, ZD (Song, Z. -D.); Zhang, WL (Zhang, W. -L.); Zhang, T (Zhang, T.); Shi, YG (Shi, Y. -G.); Weng, HM (Weng, H. -M.); Fang, Z (Fang, Z.); Richard, P (Richard, P.); Ding, H (Ding, H.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 6 文献号: 064102 DOI: 10.1103/PhysRevB.96.064102 出版年: AUG 4 2017

入藏号: WOS:000406911100001

IDS 号: FC5VZ

第 180 条，共 200 条

标题: Lattice dynamics of Dirac node-line semimetal ZrSiS

作者: Zhou, W (Zhou, Wei); Gao, H (Gao, Heng); Zhang, JR (Zhang, Junran); Fang, RY (Fang, Ruiyang); Song, H (Song, Hao); Hu, T (Hu, Tao); Stroppa, A (Stroppa, Alessandro); Li, L (Li, Ling); Wang, XF (Wang, Xuefeng); Ruan, SC (Ruan, Shuangchen); Ren, W (Ren, Wei)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 6 文献号: 064103 DOI: 10.1103/PhysRevB.96.064103 出版年: AUG 4 2017

入藏号: WOS:000406911100002

IDS 号: FC5VZ

第 181 条，共 200 条

标题: d Orbital Topological Insulator and Semimetal in the Antifluorite Cu2S Family: Contrasting Spin Helicities, Nodal Box, and Hybrid Surface States

作者: Sheng, XL (Sheng, Xian-Lei); Yu, ZM (Yu, Zhi-Ming); Yu, R (Yu, Rui); Weng, HM (Weng, Hongming); Yang, SYA (Yang, Shengyuan A.)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY LETTERS 卷: 8 期: 15 页: 3506-3511 DOI: 10.1021/acs.jpclett.7b01390 出版年: AUG 3 2017

入藏号: WOS:000407191300010

IDS 号: FC9WH

第 182 条，共 200 条

标题: Probing topology by "heating": Quantized circular dichroism in ultracold atoms

作者: Tran, DT (Duc Thanh Tran); Dauphin, A (Dauphin, Alexandre); Grushin, AG (Grushin, Adolfo G.); Zoller, P (Zoller, Peter); Goldman, N (Goldman, Nathan)

来源出版物: SCIENCE ADVANCES 卷: 3 期: 8 文献号: e1701207 DOI: 10.1126/sciadv.1701207 出版年: AUG 2017

入藏号: WOS:000411589900037

IDS 号: FI0CW

第 183 条，共 200 条

标题: Spectroscopic evidence for the gapless electronic structure in bulk ZrTe5

作者: Shen, L (Shen, L.); Wang, MX (Wang, M. X.); Sun, SC (Sun, S. C.); Jiang, J (Jiang, J.); Xu, X (Xu, X.); Zhang, T (Zhang, T.); Zhang, QH (Zhang, Q. H.); Lv, YY (Lv, Y. Y.); Yao, SH (Yao, S. H.); Chen, YB (Chen, Y. B.); Lu, MH (Lu, M. H.); Chen, YF (Chen, Y. F.); Felser, C (Felser, C.); Yan, BH (Yan, B. H.); Liu, ZK (Liu, Z. K.); Yang, LX (Yang, L. X.); Chen, YL (Chen, Y. L.)

来源出版物: JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA 卷: 219 特刊: SI 页: 45-52 DOI: 10.1016/j.elspec.2016.10.007 出版年: AUG 2017

入藏号: WOS:000411302600008

IDS 号: FH6QU

第 184 条，共 200 条

标题: Resistivity of Weyl semimetals NbP and TaP under pressure

作者: Einaga, M (Einaga, M.); Shimizu, K (Shimizu, K.); Hu, J (Hu, J.); Mao, ZQ (Mao, Z. Q.); Politano, A (Politano, A.)

来源出版物: PHYSICA STATUS SOLIDI-RAPID RESEARCH LETTERS 卷: 11 期: 8 文献号: 1700182 DOI: 10.1002/pssr.201700182 出版年: AUG 2017

入藏号: WOS:000407919400012

IDS 号: FE0OK

第 185 条，共 200 条

标题: Manipulation of type-I and type-II Dirac points in PdTe2 superconductor by external pressure

作者: Xiao, RC (Xiao, R. C.); Gong, PL (Gong, P. L.); Wu, QS (Wu, Q. S.); Lu, WJ (Lu, W. J.); Wei, MJ (Wei, M. J.); Li, JY (Li, J. Y.); Lv, HY (Lv, H. Y.); Luo, X (Luo, X.); Tong, P (Tong, P.); Zhu, XB (Zhu, X. B.); Sun, YP (Sun, Y. P.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 7 文献号: 075101 DOI: 10.1103/PhysRevB.96.075101 出版年: AUG 1 2017

入藏号: WOS:000406671800001

IDS 号: FC2ML

第 186 条，共 200 条

标题: Emergent Weyl nodes and Fermi arcs in a Floquet Weyl semimetal

作者: Bucciantini, L (Bucciantini, Leda); Roy, S (Roy, Sthitadhi); Kitamura, S (Kitamura, Sota); Oka, T (Oka, Takashi)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 4 文献号: 041126 DOI: 10.1103/PhysRevB.96.041126 出版年: JUL 27 2017

入藏号: WOS:000406523600002

IDS 号: FC0JD

第 187 条，共 200 条

标题: Quantum transport in Weyl semimetal thin films in the presence of spin-orbit coupled impurities

作者: Liu, WE (Liu, Weizhe Edward); Hankiewicz, EM (Hankiewicz, Ewelina M.); Culcer, D (Culcer, Dimitrie)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 4 文献号: 045307 DOI: 10.1103/PhysRevB.96.045307 出版年: JUL 26 2017

入藏号: WOS:000406293300007

IDS 号: FB7AK

第 188 条，共 200 条

标题: Electronic structure of SrSn2As2 near the topological critical point

作者: Rong, LY (Rong, L. -Y.); Ma, JZ (Ma, J. -Z.); Nie, SM (Nie, S. -M.); Lin, ZP (Lin, Z. -P.); Li, ZL (Li, Z. -L.); Fu, BB (Fu, B. -B.); Kong, LY (Kong, L. -Y.); Zhang, XZ (Zhang, X. -Z.); Huang, YB (Huang, Y. -B.); Weng, HM (Weng, H. -M.); Qian, T (Qian, T.); Ding, H (Ding, H.); Tai, RZ (Tai, R. -Z.)

来源出版物: SCIENTIFIC REPORTS 卷: 7 文献号: 6133 DOI: 10.1038/s41598-017-05386-x 出版年: JUL 21 2017

入藏号: WOS:000406285700041

IDS 号: FB6XM

第 189 条，共 200 条

标题: Floquet multi-Weyl points in crossing-nodal-line semimetals

作者: Yan, ZB (Yan, Zhongbo); Wang, Z (Wang, Zhong)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 4 文献号: 041206 DOI: 10.1103/PhysRevB.96.041206 出版年: JUL 21 2017

入藏号: WOS:000406035800004

IDS 号: FB3II

第 190 条，共 200 条

标题: Direct observation of topological surface-state arcs in photonic metamaterials

作者: Yang, BA (Yang, Biao); Guo, QH (Guo, Qinghua); Tremain, B (Tremain, Ben); Barr, LE (Barr, Lauren E.); Gao, WL (Gao, Wenlong); Liu, HC (Liu, Hongchao); Beri, B (Beri, Benjamin); Xiang, YJ (Xiang, Yuanjiang); Fan, DY (Fan, Dianyuan); Hibbins, AP (Hibbins, Alastair P.); Zhang, S (Zhang, Shuang)

来源出版物: NATURE COMMUNICATIONS 卷: 8 文献号: 7 DOI: 10.1038/s41467-017-00134-1 出版年: JUL 21 2017

入藏号: WOS:000406013900001

IDS 号: FB3AC

第 191 条，共 200 条

标题: Nearly massless Dirac fermions and strong Zeeman splitting in the nodal-line semimetal ZrSiS probed by de Haas-van Alphen quantum oscillations

作者: Hu, J (Hu, Jin); Tang, ZJ (Tang, Zhijie); Liu, JY (Liu, Jinyu); Zhu, YL (Zhu, Yanglin); Wei, J (Wei, Jiang); Mao, ZQ (Mao, Zhiqiang)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 4 文献号: 045127 DOI: 10.1103/PhysRevB.96.045127 出版年: JUL 19 2017

入藏号: WOS:000405876800004

IDS 号: FB1AT

第 192 条，共 200 条

标题: Anomalous Hall Effect in Type-I Weyl Metals

作者: Steiner, JF (Steiner, J. F.); Andreev, AV (Andreev, A. V.); Pesin, DA (Pesin, D. A.)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 3 文献号: 036601 DOI: 10.1103/PhysRevLett.119.036601 出版年: JUL 18 2017

入藏号: WOS:000405718200016

IDS 号: FA8TE

第 193 条，共 200 条

标题: From Nodal Chain Semimetal to Weyl Semimetal in HfC

作者: Yu, R (Yu, Rui); Wu, QS (Wu, Quansheng); Fang, Z (Fang, Zhong); Weng, HM (Weng, Hongming)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 3 文献号: 036401 DOI: 10.1103/PhysRevLett.119.036401 出版年: JUL 18 2017

入藏号: WOS:000405718200015

IDS 号: FA8TE

第 194 条，共 200 条

标题: TernaryWeyl semimetal NbIrTe4 proposed from first-principles calculation

作者: Li, L (Li, Lei); Xie, HH (Xie, Huan-Huan); Zhao, JS (Zhao, Jing-Sheng); Liu, XX (Liu, Xiao-Xiong); Deng, JB (Deng, Jian-Bo); Hu, XR (Hu, Xian-Ru); Tao, XM (Tao, Xiao-Ma)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 2 文献号: 024106 DOI: 10.1103/PhysRevB.96.024106 出版年: JUL 18 2017

入藏号: WOS:000405698000002

IDS 号: FA8LR

第 195 条，共 200 条

标题: Coexistence of topological nodal lines, Weyl points, and triply degenerate points in TaS

作者: Sun, JP (Sun, Jian-Peng); Zhang, D (Zhang, Dong); Chang, K (Chang, Kai)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 4 文献号: 045121 DOI: 10.1103/PhysRevB.96.045121 出版年: JUL 17 2017

入藏号: WOS:000405707500006

IDS 号: FA8PH

第 196 条，共 200 条

标题: Temperature-induced Lifshitz transition in topological insulator candidate HfTe5

作者: Zhang, Y (Zhang, Yan); Wang, CL (Wang, Chenlu); Liu, GD (Liu, Guodong); Liang, AJ (Liang, Aiji); Zhao, LX (Zhao, Lingxiao); Huang, JW (Huang, Jianwei); Gao, Q (Gao, Qiang); Shen, B (Shen, Bing); Liu, J (Liu, Jing); Hu, C (Hu, Cheng); Zhao, WJ (Zhao, Wenjuan); Chen, GF (Chen, Genfu); Jia, XW (Jia, Xiaowen); Yu, L (Yu, Li); Zhao, L (Zhao, Lin); He, SL (He, Shaolong); Zhang, FF (Zhang, Fengfeng); Zhang, SJ (Zhang, Shenjin); Yang, F (Yang, Feng); Wang, ZM (Wang, Zhimin); Peng, QJ (Peng, Qinjun); Xu, ZY (Xu, Zuyan); Chen, CT (Chen, Chuangtian); Zhou, XJ (Zhou, Xingjiang)

来源出版物: SCIENCE BULLETIN 卷: 62 期: 13 页: 950-956 DOI: 10.1016/j.scib.2017.05.030 出版年: JUL 15 2017

入藏号: WOS:000409084100009

IDS 号: FF6AJ

第 197 条，共 200 条

标题: Type-II Symmetry-Protected Topological Dirac Semimetals

作者: Chang, TR (Chang, Tay-Rong); Xu, SY (Xu, Su-Yang); Sanchez, DS (Sanchez, Daniel S.); Tsai, WF (Tsai, Wei-Feng); Huang, SM (Huang, Shin-Ming); Chang, GQ (Chang, Guoqing); Hsu, CH (Hsu, Chuang-Han); Bian, G (Bian, Guang); Belopolski, I (Belopolski, Ilya); Yu, ZM (Yu, Zhi-Ming); Yang, SYA (Yang, Shengyuan A.); Neupert, T (Neupert, Titus); Jeng, HT (Jeng, Horng-Tay); Lin, H (Lin, Hsin); Hasan, MZ (Hasan, M. Zahid)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 2 文献号: 026404 DOI: 10.1103/PhysRevLett.119.026404 出版年: JUL 14 2017

入藏号: WOS:000405514700011

IDS 号: FA5WL

第 198 条，共 200 条

标题: Pairing in doped inversion-symmetric Weyl semimetals: a finite temperature analysis from Thouless criterion

作者: Huang, BB (Huang, Beibing)

来源出版物: EUROPEAN PHYSICAL JOURNAL B 卷: 90 期: 7 文献号: 131 DOI: 10.1140/epjb/e2017-80238-9 出版年: JUL 10 2017

入藏号: WOS:000411263500001

IDS 号: FH6DT

第 199 条，共 200 条

标题: Dirac node lines in two-dimensional Lieb lattices

作者: Yang, B (Yang, Bo); Zhang, XM (Zhang, Xiaoming); Zhao, MW (Zhao, Mingwen)

来源出版物: NANOSCALE 卷: 9 期: 25 页: 8740-8746 DOI: 10.1039/c7nr00411g 出版年: JUL 7 2017

入藏号: WOS:000404614700025

IDS 号: EZ3MI

第 200 条，共 200 条

标题: Quantized circular photogalvanic effect in Weyl semimetals

作者: de Juan, F (de Juan, Fernando); Grushin, AG (Grushin, Adolfo G.); Morimoto, T (Morimoto, Takahiro); Moore, JE (Moore, Joel E.)

来源出版物: NATURE COMMUNICATIONS 卷: 8 文献号: 15995 DOI: 10.1038/ncomms15995 出版年: JUL 6 2017

入藏号: WOS:000404837400001

IDS 号: EZ6OO

1. **被引文献：**

标题: Type-II Weyl semimetals

作者: Soluyanov, AA (Soluyanov, Alexey A.); Gresch, D (Gresch, Dominik); Wang, ZJ (Wang, Zhijun); Wu, QS (Wu, QuanSheng); Troyer, M (Troyer, Matthias); Dai, X (Dai, Xi); Bernevig, BA (Bernevig, B. Andrei)

来源出版物: NATURE 卷: 527 期: 7579 页: 495-498 DOI: 10.1038/nature15768 出版年: NOV 26 2015

入藏号: WOS:000365352500043

IDS 号: CW9XW

**引用文献：**

第 1 条，共 50 条

标题: Weyl and Dirac semimetals in three-dimensional solids

作者: Armitage, NP (Armitage, N. P.); Mele, EJ (Mele, E. J.); Vishwanath, A (Vishwanath, Ashvin)

来源出版物: REVIEWS OF MODERN PHYSICS 卷: 90 期: 1 文献号: 015001 DOI: 10.1103/RevModPhys.90.015001 出版年: JAN 22 2018

入藏号: WOS:000423135000001

IDS 号: FT4OS

第 2 条，共 50 条

标题: Lorentz-violating type-II Dirac fermions in transition metal dichalcogenide PtTe2

作者: Yan, MZ (Yan, Mingzhe); Huang, HQ (Huang, Huaqing); Zhang, KN (Zhang, Kenan); Wang, EY (Wang, Eryin); Yao, W (Yao, Wei); Deng, K (Deng, Ke); Wan, GL (Wan, Guoliang); Zhang, HY (Zhang, Hongyun); Arita, M (Arita, Masashi); Yang, HT (Yang, Haitao); Sun, Z (Sun, Zhe); Yao, H (Yao, Hong); Wu, Y (Wu, Yang); Fan, SS (Fan, Shoushan); Duan, WH (Duan, Wenhui); Zhou, SY (Zhou, Shuyun)

来源出版物: NATURE COMMUNICATIONS 卷: 8 文献号: 257 DOI: 10.1038/s41467-017-00280-6 出版年: AUG 15 2017

入藏号: WOS:000407553800015

IDS 号: FD5EN

第 3 条，共 50 条

标题: WannierTools: An open-source software package for novel topological materials

作者: Wu, QS (Wu, QuanSheng); Zhang, SN (Zhang, ShengNan); Song, HF (Song, Hai-Feng); Troyer, M (Troyer, Matthias); Soluyanov, AA (Soluyanov, Alexey A.)

来源出版物: COMPUTER PHYSICS COMMUNICATIONS 卷: 224 页: 405-416 DOI: 10.1016/j.cpc.2017.09.033 出版年: MAR 2018

入藏号: WOS:000424726700035

IDS 号: FV6XZ

第 4 条，共 50 条

标题: Experimental evidence for type-II Dirac semimetal in PtSe2

作者: Zhang, KN (Zhang, Kenan); Yan, MZ (Yan, Mingzhe); Zhang, HX (Zhang, Haoxiong); Huang, HQ (Huang, Huaqing); Arita, M (Arita, Masashi); Sun, Z (Sun, Zhe); Duan, WH (Duan, Wenhui); Wu, Y (Wu, Yang); Zhou, SY (Zhou, Shuyun)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 125102 DOI: 10.1103/PhysRevB.96.125102 出版年: SEP 1 2017

入藏号: WOS:000408826800005

IDS 号: FF3QB

第 5 条，共 50 条

标题: Topological Type-II Nodal Line Semimetal and Dirac Semimetal State in Stable Kagome Compound Mg3Bi2

作者: Zhang, XM (Zhang, Xiaoming); Jin, L (Jin, Lei); Dai, XF (Dai, Xuefang); Liu, GD (Liu, Guodong)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY LETTERS 卷: 8 期: 19 页: 4814-4819 DOI: 10.1021/acs.jpclett.7b02129 出版年: OCT 5 2017

入藏号: WOS:000412720100029

IDS 号: FJ4ON

第 6 条，共 50 条

标题: Anomalous Nernst and thermal Hall effects in tilted Weyl semimetals

作者: Ferreiros, Y (Ferreiros, Yago); Zyuzin, AA (Zyuzin, A. A.); Bardarson, JH (Bardarson, Jens H.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 11 文献号: 115202 DOI: 10.1103/PhysRevB.96.115202 出版年: SEP 8 2017

入藏号: WOS:000410001400004

IDS 号: FG2YQ

第 7 条，共 50 条

标题: Robust doubly charged nodal lines and nodal surfaces in centrosymmetric systems

作者: Bzdusek, T (Bzdusek, Tomas); Sigrist, M (Sigrist, Manfred)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 15 文献号: 155105 DOI: 10.1103/PhysRevB.96.155105 出版年: OCT 4 2017

入藏号: WOS:000412247600001

IDS 号: FI8JB

第 8 条，共 50 条

标题: Ternary wurtzite CaAgBi materials family: A playground for essential and accidental, type-I and type-II Dirac fermions

作者: Chen, C (Chen, Cong); Wang, SS (Wang, Shan-Shan); Liu, L (Liu, Lei); Yu, ZM (Yu, Zhi-Ming); Sheng, XL (Sheng, Xian-Lei); Chen, ZY (Chen, Ziyu); Yang, SA (Yang, Shengyuan A.)

来源出版物: PHYSICAL REVIEW MATERIALS 卷: 1 期: 4 文献号: 044201 DOI: 10.1103/PhysRevMaterials.1.044201 出版年: SEP 6 2017

入藏号: WOS:000416576100002

IDS 号: FO2BN

第 9 条，共 50 条

标题: Weyl points and Fermi arcs in a chiral phononic crystal

作者: Li, F (Li, Feng); Huang, XQ (Huang, Xueqin); Lu, JY (Lu, Jiuyang); Ma, JH (Ma, Jiahong); Liu, ZY (Liu, Zhengyou)

来源出版物: NATURE PHYSICS 卷: 14 期: 1 页: 30-+ DOI: 10.1038/NPHYS4275 出版年: JAN 2018

入藏号: WOS:000423328000014

IDS 号: FT7JF

第 10 条，共 50 条

标题: Prediction of Triple Point Fermions in Simple Half-Heusler Topological Insulators

作者: Yang, H (Yang, Hao); Yu, JB (Yu, Jiabin); Parkin, SSP (Parkin, Stuart S. P.); Felser, C (Felser, Claudia); Liu, CX (Liu, Chao-Xing); Yan, BH (Yan, Binghai)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 13 文献号: 136401 DOI: 10.1103/PhysRevLett.119.136401 出版年: SEP 28 2017

入藏号: WOS:000411996200011

IDS 号: FI5BR

第 11 条，共 50 条

标题: Chiral anomaly of Weyl magnons in stacked honeycomb ferromagnets

作者: Su, Y (Su, Ying); Wang, XR (Wang, X. R.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 10 文献号: 104437 DOI: 10.1103/PhysRevB.96.104437 出版年: SEP 26 2017

入藏号: WOS:000411768300002

IDS 号: FI2KU

第 12 条，共 50 条

标题: Generic Coexistence of Fermi Arcs and Dirac Cones on the Surface of Time-Reversal Invariant Weyl Semimetals

作者: Lau, A (Lau, Alexander); Koepernik, K (Koepernik, Klaus); van den Brink, J (van den Brink, Jeroen); Ortix, C (Ortix, Carmine)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 7 文献号: 076801 DOI: 10.1103/PhysRevLett.119.076801 出版年: AUG 18 2017

入藏号: WOS:000407934100009

IDS 号: FE0UB

第 13 条，共 50 条

标题: Bulk Fermi surface of the Weyl type-II semimetallic candidate gamma-MoTe2

作者: Rhodes, D (Rhodes, D.); Schonemann, R (Schonemann, R.); Aryal, N (Aryal, N.); Zhou, Q (Zhou, Q.); Zhang, QR (Zhang, Q. R.); Kampert, E (Kampert, E.); Chiu, YC (Chiu, Y. -C.); Lai, Y (Lai, Y.); Shimura, Y (Shimura, Y.); McCandless, GT (McCandless, G. T.); Chan, JY (Chan, J. Y.); Paley, DW (Paley, D. W.); Lee, J (Lee, J.); Finke, AD (Finke, A. D.); Ruff, JPC (Ruff, J. P. C.); Das, S (Das, S.); Manousakis, E (Manousakis, E.); Balicas, L (Balicas, L.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 165134 DOI: 10.1103/PhysRevB.96.165134 出版年: OCT 17 2017

入藏号: WOS:000413166500003

IDS 号: FK0JQ

第 14 条，共 50 条

标题: Differential Topology of Semimetals

作者: Mathai, V (Mathai, Varghese); Thiang, GC (Guo Chuan Thiang)

来源出版物: COMMUNICATIONS IN MATHEMATICAL PHYSICS 卷: 355 期: 2 页: 561-602 DOI: 10.1007/s00220-017-2965-z 出版年: OCT 2017

入藏号: WOS:000406782000004

IDS 号: FC4AY

第 15 条，共 50 条

标题: Anisotropic carrier mobility in two-dimensional materials with tilted Dirac cones: theory and application

作者: Cheng, T (Cheng, Ting); Lang, HF (Lang, Haifeng); Li, ZZ (Li, Zhenzhu); Liu, ZF (Liu, Zhongfan); Liu, ZR (Liu, Zhirong)

来源出版物: PHYSICAL CHEMISTRY CHEMICAL PHYSICS 卷: 19 期: 35 页: 23942-23950 DOI: 10.1039/c7cp03736h 出版年: SEP 21 2017

入藏号: WOS:000410585900040

IDS 号: FG7HH

第 16 条，共 50 条

标题: Ideal Weyl points and helicoid surface states in artificial photonic crystal structures

作者: Yang, B (Yang, Biao); Guo, QH (Guo, Qinghua); Tremain, B (Tremain, Ben); Liu, RJ (Liu, Rongjuan); Barr, LE (Barr, Lauren E.); Yan, QH (Yan, Qinghui); Gao, WL (Gao, Wenlong); Liu, HC (Liu, Hongchao); Xiang, YJ (Xiang, Yuanjiang); Chen, J (Chen, Jing); Fang, C (Fang, Chen); Hibbins, A (Hibbins, Alastair); Lu, L (Lu, Ling); Zhang, S (Zhang, Shuang)

来源出版物: SCIENCE 卷: 359 期: 6379 页: 1013-+ DOI: 10.1126/science.aaq1221 出版年: MAR 2 2018

入藏号: WOS:000426366200037

IDS 号: FX8SV

第 17 条，共 50 条

标题: Transport evidence of 3D topological nodal-line semimetal phase in ZrSiS

作者: Zhang, JR (Zhang, Junran); Gao, M (Gao, Ming); Zhang, JL (Zhang, Jinglei); Wang, XF (Wang, Xuefeng); Zhang, XQ (Zhang, Xiaoqian); Zhang, MH (Zhang, Minhao); Niu, W (Niu, Wei); Zhang, R (Zhang, Rong); Xu, YB (Xu, Yongbing)

来源出版物: FRONTIERS OF PHYSICS 卷: 13 期: 1 文献号: 137201 DOI: 10.1007/s11467-017-0705-7 出版年: FEB 2018

入藏号: WOS:000414316800008

IDS 号: FL5WL

第 18 条，共 50 条

标题: Anomalous Nernst effect in type-II Weyl semimetals

作者: Saha, S (Saha, Subhodip); Tewari, S (Tewari, Sumanta)

来源出版物: EUROPEAN PHYSICAL JOURNAL B 卷: 91 期: 1 文献号: 4 DOI: 10.1140/epjb/e2017-80437-4 出版年: JAN 15 2018

入藏号: WOS:000423448000004

IDS 号: FT9BW

第 19 条，共 50 条

标题: Magnetic and noncentrosymmetricWeyl fermion semimetals in the RAlGe family of compounds (R = rare earth)

作者: Chang, GQ (Chang, Guoqing); Singh, B (Singh, Bahadur); Xu, SY (Xu, Su-Yang); Bian, G (Bian, Guang); Huang, SM (Huang, Shin-Ming); Hsu, CH (Hsu, Chuang-Han); Belopolski, I (Belopolski, Ilya); Alidoust, N (Alidoust, Nasser); Sanchez, DS (Sanchez, Daniel S.); Zheng, H (Zheng, Hao); Lu, H (Lu, Hong); Zhang, X (Zhang, Xiao); Bian, Y (Bian, Yi); Chang, TR (Chang, Tay-Rong); Jeng, HT (Jeng, Horng-Tay); Bansil, A (Bansil, Arun); Hsu, H (Hsu, Han); Jia, S (Jia, Shuang); Neupert, T (Neupert, Titus); Lin, H (Lin, Hsin); Hasan, MZ (Hasan, M. Zahid)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 4 文献号: 041104 DOI: 10.1103/PhysRevB.97.041104 出版年: JAN 9 2018

入藏号: WOS:000419615700001

IDS 号: FS2NP

第 20 条，共 50 条

标题: Topological materials discovery using electron filling constraints

作者: Chen, R (Chen, Ru); Po, HC (Po, Hoi Chun); Neaton, JB (Neaton, Jeffrey B.); Vishwanath, A (Vishwanath, Ashvin)

来源出版物: NATURE PHYSICS 卷: 14 期: 1 页: 55-+ DOI: 10.1038/NPHYS4277 出版年: JAN 2018

入藏号: WOS:000423328000019

IDS 号: FT7JF

第 21 条，共 50 条

标题: Optical response in Weyl semimetal in model with gapped Dirac phase

作者: Mukherjee, SP (Mukherjee, S. P.); Carbotte, JP (Carbotte, J. P.)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 29 期: 42 文献号: 425301 DOI: 10.1088/1361-648X/aa82a7 出版年: OCT 25 2017

入藏号: WOS:000410108000001

IDS 号: FG3SP

第 22 条，共 50 条

标题: Chiral Anomaly as the Origin of the Planar Hall Effect in Weyl Semimetals

作者: Nandy, S (Nandy, S.); Sharma, G (Sharma, Girish); Taraphder, A (Taraphder, A.); Tewari, S (Tewari, Sumanta)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 17 文献号: 176804 DOI: 10.1103/PhysRevLett.119.176804 出版年: OCT 24 2017

入藏号: WOS:000413516800011

IDS 号: FK5DA

第 23 条，共 50 条

标题: Quantum oscillations in Weyl semimetals: A surface theory approach

作者: Borchmann, J (Borchmann, Jan); Pereg-Barnea, T (Pereg-Barnea, T.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 125153 DOI: 10.1103/PhysRevB.96.125153 出版年: SEP 27 2017

入藏号: WOS:000411980200007

IDS 号: FI4WQ

第 24 条，共 50 条

标题: Unusual interlayer quantum transport behavior caused by the zeroth Landau level in YbMnBi2

作者: Liu, JY (Liu, J. Y.); Hu, J (Hu, J.); Graf, D (Graf, D.); Zou, T (Zou, T.); Zhu, M (Zhu, M.); Shi, Y (Shi, Y.); Che, S (Che, S.); Radmanesh, SMA (Radmanesh, S. M. A.); Lau, CN (Lau, C. N.); Spinu, L (Spinu, L.); Cao, HB (Cao, H. B.); Ke, X (Ke, X.); Mao, ZQ (Mao, Z. Q.)

来源出版物: NATURE COMMUNICATIONS 卷: 8 文献号: 646 DOI: 10.1038/s41467-017-00673-7 出版年: SEP 21 2017

入藏号: WOS:000411416100006

IDS 号: FH8BF

第 25 条，共 50 条

标题: Three-dimensional topological critical Dirac semimetal in AMgBi (A = K, Rb, Cs)

作者: Le, CC (Le, Congcong); Qin, SS (Qin, Shengshan); Wu, XX (Wu, Xianxin); Dai, X (Dai, Xia); Fu, PY (Fu, Peiyuan); Fang, C (Fang, Chen); Hu, JP (Hu, Jiangping)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 11 文献号: 115121 DOI: 10.1103/PhysRevB.96.115121 出版年: SEP 12 2017

入藏号: WOS:000410454700003

IDS 号: FG6BW

第 26 条，共 50 条

标题: Fermi surface of the Weyl type-II metallic candidate WP2

作者: Schonemann, R (Schonemann, R.); Aryal, N (Aryal, N.); Zhou, Q (Zhou, Q.); Chiu, YC (Chiu, Y. -C.); Chen, KW (Chen, K. -W.); Martin, TJ (Martin, T. J.); McCandless, GT (McCandless, G. T.); Chan, JY (Chan, J. Y.); Manousakis, E (Manousakis, E.); Balicas, L (Balicas, L.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 121108 DOI: 10.1103/PhysRevB.96.121108 出版年: SEP 11 2017

入藏号: WOS:000410178600003

IDS 号: FG4DM

第 27 条，共 50 条

标题: Proximity Band Structure and Spin Textures on Both Sides of Topological-Insulator/Ferromagnetic-Metal Interface and Their Charge Transport Probes

作者: Marmolejo-Tejada, JM (Marmolejo-Tejada, Juan Manuel); Dolui, K (Dolui, Kapildeb); Lazic, P (Lazic, Predrag); Chang, PH (Chang, Po-Hao); Smidstrup, S (Smidstrup, Soren); Stradi, D (Stradi, Daniele); Stokbro, K (Stokbro, Kurt); Nikolic, BK (Nikolic, Branislav K.)

来源出版物: NANO LETTERS 卷: 17 期: 9 页: 5626-5633 DOI: 10.1021/acs.nanolett.7b02511 出版年: SEP 2017

入藏号: WOS:000411043500066

IDS 号: FH3JQ

第 28 条，共 50 条

标题: Line nodes, Dirac points, and Lifshitz transition in two-dimensional nonsymmorphic photonic crystals

作者: Lin, JY (Lin, Jun Yu); Hu, NC (Hu, Nai Chao); Chen, YJ (Chen, You Jian); Lee, CH (Lee, Ching Hua); Zhang, X (Zhang, Xiao)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 7 文献号: 075438 DOI: 10.1103/PhysRevB.96.075438 出版年: AUG 28 2017

入藏号: WOS:000408511700009

IDS 号: FE9GH

第 29 条，共 50 条

标题: Anomalous Hall Effect and Topological Defects in Antiferromagnetic Weyl Semimetals: Mn3Sn/Ge

作者: Liu, JP (Liu, Jianpeng); Balents, L (Balents, Leon)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 8 文献号: 087202 DOI: 10.1103/PhysRevLett.119.087202 出版年: AUG 24 2017

入藏号: WOS:000408354300010

IDS 号: FE6YH

第 30 条，共 50 条

标题: High-pressure phases of Weyl semimetals NbP, NbAs, TaP, and TaAs

作者: Guo, ZP (Guo, ZhaoPeng); Lu, PC (Lu, PengChao); Chen, T (Chen, Tong); Wu, JF (Wu, JueFei); Sun, J (Sun, Jian); Xing, DY (Xing, DingYu)

来源出版物: SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY 卷: 61 期: 3 文献号: UNSP 038211 DOI: 10.1007/s11433-017-9126-6 出版年: MAR 2018

入藏号: WOS:000423576900007

IDS 号: FU0YS

第 31 条，共 50 条

标题: Heat capacity evidence for conventional superconductivity in the type-II Dirac semimetal PdTe2

作者: Amit (Amit); Singh, Y (Singh, Yogesh)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 5 文献号: 054515 DOI: 10.1103/PhysRevB.97.054515 出版年: FEB 21 2018

入藏号: WOS:000425602000004

IDS 号: FW8QR

第 32 条，共 50 条

标题: Dimensional crossover of effective orbital dynamics in polar distorted He-3-A: Transitions to antispacetime

作者: Nissinen, J (Nissinen, J.); Volovik, GE (Volovik, G. E.)

来源出版物: PHYSICAL REVIEW D 卷: 97 期: 2 文献号: 025018 DOI: 10.1103/PhysRevD.97.025018 出版年: JAN 25 2018

入藏号: WOS:000423429900016

IDS 号: FT8UY

第 33 条，共 50 条

标题: Topological Dirac nodal-net fermions in AlB2-type TiB2 and ZrB2

作者: Feng, X (Feng, Xing); Yue, CM (Yue, Changming); Song, ZD (Song, Zhida); Wu, QS (Wu, QuanSheng); Wen, B (Wen, Bin)

来源出版物: PHYSICAL REVIEW MATERIALS 卷: 2 期: 1 文献号: 014202 DOI: 10.1103/PhysRevMaterials.2.014202 出版年: JAN 24 2018

入藏号: WOS:000423333700001

IDS 号: FT7LJ

第 34 条，共 50 条

标题: Berry curvature dipole in Weyl semimetal materials: An ab initio study

作者: Zhang, Y (Zhang, Yang); Sun, Y (Sun, Yan); Yan, BH (Yan, Binghai)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 4 文献号: 041101 DOI: 10.1103/PhysRevB.97.041101 出版年: JAN 3 2018

入藏号: WOS:000419098700001

IDS 号: FR5HY

第 35 条，共 50 条

标题: Ubiquitous formation of bulk Dirac cones and topological surface states from a single orbital manifold in transition-metal dichalcogenides

作者: Bahramy, MS (Bahramy, M. S.); Clark, OJ (Clark, O. J.); Yang, BJ (Yang, B. -J.); Feng, J (Feng, J.); Bawden, L (Bawden, L.); Riley, JM (Riley, J. M.); Markovic, I (Markovic, I.); Mazzola, F (Mazzola, F.); Sunko, V (Sunko, V.); Biswas, D (Biswas, D.); Cooil, SP (Cooil, S. P.); Jorge, M (Jorge, M.); Wells, JW (Wells, J. W.); Leandersson, M (Leandersson, M.); Balasubramanian, T (Balasubramanian, T.); Fujii, J (Fujii, J.); Vobornik, I (Vobornik, I.); Rault, JE (Rault, J. E.); Kim, TK (Kim, T. K.); Hoesch, M (Hoesch, M.); Okawa, K (Okawa, K.); Asakawa, M (Asakawa, M.); Sasagawa, T (Sasagawa, T.); Eknapakul, T (Eknapakul, T.); Meevasana, W (Meevasana, W.); King, PDC (King, P. D. C.)

来源出版物: NATURE MATERIALS 卷: 17 期: 1 页: 21-+ DOI: 10.1038/NMAT5031 出版年: JAN 2018

入藏号: WOS:000422790000011

IDS 号: FT0DF

第 36 条，共 50 条

标题: Topological quantum catalyst: Dirac nodal line states and a potential electrocatalyst of hydrogen evolution in the TiSi family

作者: Li, JX (Li, Jiangxu); Ma, H (Ma, Hui); Xie, Q (Xie, Qing); Feng, SB (Feng, Shaobo); Ullah, S (Ullah, Sami); Li, RH (Li, Ronghan); Dong, JH (Dong, Junhua); Li, DZ (Li, Dianzhong); Li, YY (Li, Yiyi); Chen, XQ (Chen, Xing-Qiu)

来源出版物: SCIENCE CHINA-MATERIALS 卷: 61 期: 1 页: 23-29 DOI: 10.1007/s40843-017-9178-4 出版年: JAN 2018

入藏号: WOS:000428197000003

IDS 号: GA2ZP

第 37 条，共 50 条

标题: Breakdown of the Chiral Anomaly in Weyl Semimetals in a Strong Magnetic Field

作者: Kim, P (Kim, Pilkwang); Ryoo, JH (Ryoo, Ji Hoon); Park, CH (Park, Cheol-Hwan)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 26 文献号: 266401 DOI: 10.1103/PhysRevLett.119.266401 出版年: DEC 26 2017

入藏号: WOS:000418661700002

IDS 号: FQ9DD

第 38 条，共 50 条

标题: Signatures of the topological s(+-) superconducting order parameter in the type-II Weyl semimetal T-d-MoTe2

作者: Guguchia, Z (Guguchia, Z.); von Rohr, F (von Rohr, F.); Shermadini, Z (Shermadini, Z.); Lee, AT (Lee, A. T.); Banerjee, S (Banerjee, S.); Wieteska, AR (Wieteska, A. R.); Marianetti, CA (Marianetti, C. A.); Frandsen, BA (Frandsen, B. A.); Luetkens, H (Luetkens, H.); Gong, Z (Gong, Z.); Cheung, SC (Cheung, S. C.); Baines, C (Baines, C.); Shengelaya, A (Shengelaya, A.); Taniashvili, G (Taniashvili, G.); Pasupathy, AN (Pasupathy, A. N.); Morenzoni, E (Morenzoni, E.); Billinge, SJL (Billinge, S. J. L.); Amato, A (Amato, A.); Cava, RJ (Cava, R. J.); Khasanov, R (Khasanov, R.); Uemura, YJ (Uemura, Y. J.)

来源出版物: NATURE COMMUNICATIONS 卷: 8 文献号: 1082 DOI: 10.1038/s41467-017-01066-6 出版年: OCT 20 2017

入藏号: WOS:000413353500031

IDS 号: FK2ZR

第 39 条，共 50 条

标题: Double Andreev reflections in type-II Weyl semimetal-superconductor junctions

作者: Hou, Z (Hou, Zhe); Sun, QF (Sun, Qing-Feng)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 15 文献号: 155305 DOI: 10.1103/PhysRevB.96.155305 出版年: OCT 20 2017

入藏号: WOS:000413372600001

IDS 号: FK3GC

第 40 条，共 50 条

标题: Disorder in tilted Weyl semimetals from a renormalization group perspective

作者: Sikkenk, TS (Sikkenk, Tycho S.); Fritz, L (Fritz, Lars)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 15 文献号: 155121 DOI: 10.1103/PhysRevB.96.155121 出版年: OCT 16 2017

入藏号: WOS:000413050700001

IDS 号: FJ8XA

第 41 条，共 50 条

标题: Quasiparticle interference of surface states in the type-II Weyl semimetal WTe2

作者: Zhang, WH (Zhang, Wenhan); Wu, QS (Wu, Quansheng); Zhang, LY (Zhang, Lunyong); Cheong, SW (Cheong, Sang-Wook); Soluyanov, AA (Soluyanov, Alexey A.); Wu, WD (Wu, Weida)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 165125 DOI: 10.1103/PhysRevB.96.165125 出版年: OCT 13 2017

入藏号: WOS:000412976500002

IDS 号: FJ7YN

第 42 条，共 50 条

标题: A Simple Method for Synthesis of High-Quality Millimeter-Scale 1T Transition-Metal Telluride and Near-Field Nanooptical Properties

作者: Chen, K (Chen, Kun); Chen, ZF (Chen, Zefeng); Wan, X (Wan, Xi); Zheng, ZB (Zheng, Zebo); Xie, FY (Xie, Fangyan); Chen, WJ (Chen, Wenjun); Gui, XC (Gui, Xuchun); Chen, HJ (Chen, Huanjun); Xie, WG (Xie, Weiguang); Xu, JB (Xu, Jianbin)

来源出版物: ADVANCED MATERIALS 卷: 29 期: 38 文献号: 1700704 DOI: 10.1002/adma.201700704 出版年: OCT 11 2017

入藏号: WOS:000412452500005

IDS 号: FJ1DJ

第 43 条，共 50 条

标题: Hidden type-II Weyl points in the Weyl semimetal NbP

作者: Wu, SC (Wu, Shu-Chun); Sun, Y (Sun, Yan); Felser, C (Felser, Claudia); Yan, BH (Yan, Binghai)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 165113 DOI: 10.1103/PhysRevB.96.165113 出版年: OCT 9 2017

入藏号: WOS:000412515200003

IDS 号: FJ1XT

第 44 条，共 50 条

标题: Topological semimetal in honeycomb lattice LnSI

作者: Nie, SM (Nie, Simin); Xu, G (Xu, Gang); Prinz, FB (Prinz, Fritz B.); Zhang, SC (Zhang, Shou-cheng)

来源出版物: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA 卷: 114 期: 40 页: 10596-10600 DOI: 10.1073/pnas.1713261114 出版年: OCT 3 2017

入藏号: WOS:000412130500049

IDS 号: FI6TX

第 45 条，共 50 条

标题: Unconventional quantum Hall effects in two-dimensional massive spin-1 fermion systems

作者: Xu, Y (Xu, Yong); Duan, LM (Duan, L-M.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 15 文献号: 155301 DOI: 10.1103/PhysRevB.96.155301 出版年: OCT 2 2017

入藏号: WOS:000412029500003

IDS 号: FI5MX

第 46 条，共 50 条

标题: Doping stability and charge-density-wave transition of strained 1T-TiSe2

作者: Fu, ZG (Fu, Zhen-Guo); Wang, JH (Wang, Jian-Hao); Yang, Y (Yang, Yu); Yang, W (Yang, Wei); Liu, LL (Liu, Li-Li); Hu, ZY (Hu, Zi-Yu); Zhang, P (Zhang, Ping)

来源出版物: EPL 卷: 120 期: 1 文献号: 17006 DOI: 10.1209/0295-5075/120/17006 出版年: OCT 2017

入藏号: WOS:000422616100021

IDS 号: FS7VD

第 47 条，共 50 条

标题: A nonmagnetic topological Weyl semimetal in quaternary Heusler compound CrAlTiV

作者: Liu, XX (Liu, Xiaoxiong); Li, L (Li, Lei); Cui, YG (Cui, Yvgui); Deng, JB (Deng, Jianbo); Tao, XM (Tao, Xiaoma)

来源出版物: APPLIED PHYSICS LETTERS 卷: 111 期: 12 文献号: 122104 DOI: 10.1063/1.4986155 出版年: SEP 18 2017

入藏号: WOS:000411646300023

IDS 号: FI0UW

第 48 条，共 50 条

标题: Dirac semimetal phase in hexagonal LiZnBi

作者: Cao, WD (Cao, Wendong); Tang, PZ (Tang, Peizhe); Xu, Y (Xu, Yong); Wu, J (Wu, Jian); Gu, BL (Gu, Bing-Lin); Duan, WH (Duan, Wenhui)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 11 文献号: 115203 DOI: 10.1103/PhysRevB.96.115203 出版年: SEP 11 2017

入藏号: WOS:000410176500005

IDS 号: FG4DD

第 49 条，共 50 条

标题: Three-quarter Dirac points, Landau levels, and magnetization in alpha-(BEDT-TTF)(2)I-3

作者: Kishigi, K (Kishigi, Keita); Hasegawa, Y (Hasegawa, Yasumasa)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 8 文献号: 085430 DOI: 10.1103/PhysRevB.96.085430 出版年: AUG 22 2017

入藏号: WOS:000408115600007

IDS 号: FE3KU

第 50 条，共 50 条

标题: Optical Interface States Protected by Synthetic Weyl Points

作者: Wang, Q (Wang, Qiang); Xiao, M (Xiao, Meng); Liu, H (Liu, Hui); Zhu, SN (Zhu, Shining); Chan, CT (Chan, C. T.)

来源出版物: PHYSICAL REVIEW X 卷: 7 期: 3 DOI: 10.1103/PhysRevX.7.031032 出版年: AUG 16 2017

入藏号: WOS:000407718400001

IDS 号: FD7PQ

1. **被引文献：**

标题: Observation of the Chiral-Anomaly-Induced Negative Magnetoresistance in 3D Weyl Semimetal TaAs

作者: Huang, XC (Huang, Xiaochun); Zhao, LX (Zhao, Lingxiao); Long, YJ (Long, Yujia); Wang, PP (Wang, Peipei); Chen, D (Chen, Dong); Yang, ZH (Yang, Zhanhai); Liang, H (Liang, Hui); Xue, MQ (Xue, Mianqi); Weng, HM (Weng, Hongming); Fang, Z (Fang, Zhong); Dai, X (Dai, Xi); Chen, GF (Chen, Genfu)

来源出版物: PHYSICAL REVIEW X 卷: 5 期: 3 文献号: 031023 DOI: 10.1103/PhysRevX.5.031023 出版年: AUG 24 2015

入藏号: WOS:000359947000001

IDS 号: CP5TH

**引用文献：**

第 1 条，共 100 条

标题: Weyl and Dirac semimetals in three-dimensional solids

作者: Armitage, NP (Armitage, N. P.); Mele, EJ (Mele, E. J.); Vishwanath, A (Vishwanath, Ashvin)

来源出版物: REVIEWS OF MODERN PHYSICS 卷: 90 期: 1 文献号: 015001 DOI: 10.1103/RevModPhys.90.015001 出版年: JAN 22 2018

入藏号: WOS:000423135000001

IDS 号: FT4OS

第 2 条，共 100 条

标题: 3D Quantum Hall Effect of Fermi Arc in Topological Semimetals

作者: Wang, CM (Wang, C. M.); Sun, HP (Sun, Hai-Peng); Lu, HZ (Lu, Hai-Zhou); Xie, XC (Xie, X. C.)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 13 文献号: 136806 DOI: 10.1103/PhysRevLett.119.136806 出版年: SEP 28 2017

入藏号: WOS:000411996200014

IDS 号: FI5BR

第 3 条，共 100 条

标题: Anomalous Nernst and thermal Hall effects in tilted Weyl semimetals

作者: Ferreiros, Y (Ferreiros, Yago); Zyuzin, AA (Zyuzin, A. A.); Bardarson, JH (Bardarson, Jens H.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 11 文献号: 115202 DOI: 10.1103/PhysRevB.96.115202 出版年: SEP 8 2017

入藏号: WOS:000410001400004

IDS 号: FG2YQ

第 4 条，共 100 条

标题: Robust doubly charged nodal lines and nodal surfaces in centrosymmetric systems

作者: Bzdusek, T (Bzdusek, Tomas); Sigrist, M (Sigrist, Manfred)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 15 文献号: 155105 DOI: 10.1103/PhysRevB.96.155105 出版年: OCT 4 2017

入藏号: WOS:000412247600001

IDS 号: FI8JB

第 5 条，共 100 条

标题: Weyl points and Fermi arcs in a chiral phononic crystal

作者: Li, F (Li, Feng); Huang, XQ (Huang, Xueqin); Lu, JY (Lu, Jiuyang); Ma, JH (Ma, Jiahong); Liu, ZY (Liu, Zhengyou)

来源出版物: NATURE PHYSICS 卷: 14 期: 1 页: 30-+ DOI: 10.1038/NPHYS4275 出版年: JAN 2018

入藏号: WOS:000423328000014

IDS 号: FT7JF

第 6 条，共 100 条

标题: Quantifying the chiral magnetic effect from anomalous-viscous fluid dynamics

作者: Jiang, Y (Jiang, Yin); Shi, SZ (Shi, Shuzhe); Yin, Y (Yin, Yi); Liao, JF (Liao, Jinfeng)

来源出版物: CHINESE PHYSICS C 卷: 42 期: 1 文献号: 011001 DOI: 10.1088/1674-1137/42/1/011001 出版年: JAN 2018

入藏号: WOS:000423839100001

IDS 号: FU4RA

第 7 条，共 100 条

标题: Emergent functions of quantum materials

作者: Tokura, Y (Tokura, Yoshinori); Kawasaki, M (Kawasaki, Masashi); Nagaosa, N (Nagaosa, Naoto)

来源出版物: NATURE PHYSICS 卷: 13 期: 11 页: 1056-1068 DOI: 10.1038/nphys4274 出版年: NOV 2017

入藏号: WOS:000414250500016

IDS 号: FL5DA

第 8 条，共 100 条

标题: Separation of electron and hole dynamics in the semimetal LaSb

作者: Han, F (Han, F.); Xu, J (Xu, J.); Botana, AS (Botana, A. S.); Xiao, ZL (Xiao, Z. L.); Wang, YL (Wang, Y. L.); Yang, WG (Yang, W. G.); Chung, DY (Chung, D. Y.); Kanatzidis, MG (Kanatzidis, M. G.); Norman, MR (Norman, M. R.); Crabtree, GW (Crabtree, G. W.); Kwok, WK (Kwok, W. K.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 125112 DOI: 10.1103/PhysRevB.96.125112 出版年: SEP 7 2017

入藏号: WOS:000409558500004

IDS 号: FG1LV

第 9 条，共 100 条

标题: Anomalous Nernst effect in type-II Weyl semimetals

作者: Saha, S (Saha, Subhodip); Tewari, S (Tewari, Sumanta)

来源出版物: EUROPEAN PHYSICAL JOURNAL B 卷: 91 期: 1 文献号: 4 DOI: 10.1140/epjb/e2017-80437-4 出版年: JAN 15 2018

入藏号: WOS:000423448000004

IDS 号: FT9BW

第 10 条，共 100 条

标题: Magnetic and noncentrosymmetricWeyl fermion semimetals in the RAlGe family of compounds (R = rare earth)

作者: Chang, GQ (Chang, Guoqing); Singh, B (Singh, Bahadur); Xu, SY (Xu, Su-Yang); Bian, G (Bian, Guang); Huang, SM (Huang, Shin-Ming); Hsu, CH (Hsu, Chuang-Han); Belopolski, I (Belopolski, Ilya); Alidoust, N (Alidoust, Nasser); Sanchez, DS (Sanchez, Daniel S.); Zheng, H (Zheng, Hao); Lu, H (Lu, Hong); Zhang, X (Zhang, Xiao); Bian, Y (Bian, Yi); Chang, TR (Chang, Tay-Rong); Jeng, HT (Jeng, Horng-Tay); Bansil, A (Bansil, Arun); Hsu, H (Hsu, Han); Jia, S (Jia, Shuang); Neupert, T (Neupert, Titus); Lin, H (Lin, Hsin); Hasan, MZ (Hasan, M. Zahid)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 4 文献号: 041104 DOI: 10.1103/PhysRevB.97.041104 出版年: JAN 9 2018

入藏号: WOS:000419615700001

IDS 号: FS2NP

第 11 条，共 100 条

标题: Topological materials discovery using electron filling constraints

作者: Chen, R (Chen, Ru); Po, HC (Po, Hoi Chun); Neaton, JB (Neaton, Jeffrey B.); Vishwanath, A (Vishwanath, Ashvin)

来源出版物: NATURE PHYSICS 卷: 14 期: 1 页: 55-+ DOI: 10.1038/NPHYS4277 出版年: JAN 2018

入藏号: WOS:000423328000019

IDS 号: FT7JF

第 12 条，共 100 条

标题: Emergence of gapped bulk and metallic side walls in the zeroth Landau level in Dirac and Weyl semimetals

作者: Chan, CK (Chan, Ching-Kit); Lee, PA (Lee, Patrick A.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 19 文献号: 195143 DOI: 10.1103/PhysRevB.96.195143 出版年: NOV 21 2017

入藏号: WOS:000415889200003

IDS 号: FN3HR

第 13 条，共 100 条

标题: Nodal-knot semimetals

作者: Bi, R (Bi, Ren); Yan, ZB (Yan, Zhongbo); Lu, L (Lu, Ling); Wang, Z (Wang, Zhong)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 20 文献号: 201305 DOI: 10.1103/PhysRevB.96.201305 出版年: NOV 20 2017

入藏号: WOS:000415678400002

IDS 号: FN0OR

第 14 条，共 100 条

标题: Evidence for magnetic Weyl fermions in a correlated metal

作者: Kuroda, K (Kuroda, K.); Tomita, T (Tomita, T.); Suzuki, MT (Suzuki, M. -T.); Bareille, C (Bareille, C.); Nugroho, AA (Nugroho, A. A.); Goswami, P (Goswami, P.); Ochi, M (Ochi, M.); Ikhlas, M (Ikhlas, M.); Nakayama, M (Nakayama, M.); Akebi, S (Akebi, S.); Noguchi, R (Noguchi, R.); Ishii, R (Ishii, R.); Inami, N (Inami, N.); Ono, K (Ono, K.); Kumigashira, H (Kumigashira, H.); Varykhalov, A (Varykhalov, A.); Muro, T (Muro, T.); Koretsune, T (Koretsune, T.); Arita, R (Arita, R.); Shin, S (Shin, S.); Kondo, T (Kondo, Takeshi); Nakatsuji, S (Nakatsuji, S.)

来源出版物: NATURE MATERIALS 卷: 16 期: 11 页: 1090-+ DOI: 10.1038/NMAT4987 出版年: NOV 2017

入藏号: WOS:000413668800012

IDS 号: FK7EV

第 15 条，共 100 条

标题: Negative Magnetoresistance without Chiral Anomaly in Topological Insulators

作者: Dai, X (Dai, Xin); Du, ZZ (Du, Z. Z.); Lu, HZ (Lu, Hai-Zhou)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 16 文献号: 166601 DOI: 10.1103/PhysRevLett.119.166601 出版年: OCT 18 2017

入藏号: WOS:000413170700008

IDS 号: FK0LG

第 16 条，共 100 条

标题: Prediction of high-pressure phases of Weyl semimetal NbAs and NbP

作者: Zhang, JY (Zhang, Jingyun); Yang, CH (Yang, Cuihong); Rao, WF (Rao, Weifeng); Hao, J (Hao, Jian); Li, YW (Li, Yinwei)

来源出版物: SCIENTIFIC REPORTS 卷: 7 文献号: 13251 DOI: 10.1038/s41598-017-13610-x 出版年: OCT 16 2017

入藏号: WOS:000413048000062

IDS 号: FJ8VZ

第 17 条，共 100 条

标题: Magnetoconductivity in Weyl semimetals: Effect of chemical potential and temperature

作者: Xiao, X (Xiao, Xiao); Law, KT (Law, K. T.); Lee, PA (Lee, P. A.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 165101 DOI: 10.1103/PhysRevB.96.165101 出版年: OCT 2 2017

入藏号: WOS:000412029700002

IDS 号: FI5MZ

第 18 条，共 100 条

标题: Fermi surface of the Weyl type-II metallic candidate WP2

作者: Schonemann, R (Schonemann, R.); Aryal, N (Aryal, N.); Zhou, Q (Zhou, Q.); Chiu, YC (Chiu, Y. -C.); Chen, KW (Chen, K. -W.); Martin, TJ (Martin, T. J.); McCandless, GT (McCandless, G. T.); Chan, JY (Chan, J. Y.); Manousakis, E (Manousakis, E.); Balicas, L (Balicas, L.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 121108 DOI: 10.1103/PhysRevB.96.121108 出版年: SEP 11 2017

入藏号: WOS:000410178600003

IDS 号: FG4DM

第 19 条，共 100 条

标题: Negative Longitudinal Magnetoresistance from the Anomalous N=0 Landau Level in Topological Materials

作者: Assaf, BA (Assaf, B. A.); Phuphachong, T (Phuphachong, T.); Kampert, E (Kampert, E.); Volobuev, VV (Volobuev, V. V.); Mandal, PS (Mandal, P. S.); Sanchez-Barriga, J (Sanchez-Barriga, J.); Rader, O (Rader, O.); Bauer, G (Bauer, G.); Springholz, G (Springholz, G.); de Vaulchier, LA (de Vaulchier, L. A.); Guldner, Y (Guldner, Y.)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 10 文献号: 106602 DOI: 10.1103/PhysRevLett.119.106602 出版年: SEP 8 2017

入藏号: WOS:000410008200012

IDS 号: FG3AI

第 20 条，共 100 条

标题: High-pressure phases of Weyl semimetals NbP, NbAs, TaP, and TaAs

作者: Guo, ZP (Guo, ZhaoPeng); Lu, PC (Lu, PengChao); Chen, T (Chen, Tong); Wu, JF (Wu, JueFei); Sun, J (Sun, Jian); Xing, DY (Xing, DingYu)

来源出版物: SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY 卷: 61 期: 3 文献号: UNSP 038211 DOI: 10.1007/s11433-017-9126-6 出版年: MAR 2018

入藏号: WOS:000423576900007

IDS 号: FU0YS

第 21 条，共 100 条

标题: Topological Dirac nodal-net fermions in AlB2-type TiB2 and ZrB2

作者: Feng, X (Feng, Xing); Yue, CM (Yue, Changming); Song, ZD (Song, Zhida); Wu, QS (Wu, QuanSheng); Wen, B (Wen, Bin)

来源出版物: PHYSICAL REVIEW MATERIALS 卷: 2 期: 1 文献号: 014202 DOI: 10.1103/PhysRevMaterials.2.014202 出版年: JAN 24 2018

入藏号: WOS:000423333700001

IDS 号: FT7LJ

第 22 条，共 100 条

标题: Absence of Dirac states in BaZnBi2 induced by spin-orbit coupling

作者: Ren, WJ (Ren, Weijun); Wang, AF (Wang, Aifeng); Graf, D (Graf, D.); Liu, Y (Liu, Yu); Zhang, ZD (Zhang, Zhidong); Yin, WG (Yin, Wei-Guo); Petrovic, C (Petrovic, C.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 3 文献号: 035147 DOI: 10.1103/PhysRevB.97.035147 出版年: JAN 22 2018

入藏号: WOS:000423341500001

IDS 号: FT7OE

第 23 条，共 100 条

标题: Berry curvature dipole in Weyl semimetal materials: An ab initio study

作者: Zhang, Y (Zhang, Yang); Sun, Y (Sun, Yan); Yan, BH (Yan, Binghai)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 4 文献号: 041101 DOI: 10.1103/PhysRevB.97.041101 出版年: JAN 3 2018

入藏号: WOS:000419098700001

IDS 号: FR5HY

第 24 条，共 100 条

标题: Breakdown of the Chiral Anomaly in Weyl Semimetals in a Strong Magnetic Field

作者: Kim, P (Kim, Pilkwang); Ryoo, JH (Ryoo, Ji Hoon); Park, CH (Park, Cheol-Hwan)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 26 文献号: 266401 DOI: 10.1103/PhysRevLett.119.266401 出版年: DEC 26 2017

入藏号: WOS:000418661700002

IDS 号: FQ9DD

第 25 条，共 100 条

标题: Magneto-transport and electronic structures of BaZnBi2

作者: Wang, YY (Wang, Yi-Yan); Guo, PJ (Guo, Peng-Jie); Yu, QH (Yu, Qiao-He); Xu, S (Xu, Sheng); Liu, K (Liu, Kai); Xia, TL (Xia, Tian-Long)

来源出版物: NEW JOURNAL OF PHYSICS 卷: 19 文献号: 123044 DOI: 10.1088/1367-2630/aa95e7 出版年: DEC 22 2017

入藏号: WOS:000418670600003

IDS 号: FQ9GN

第 26 条，共 100 条

标题: Massive fermions with low mobility in antiferromagnet orthorhombic CuMnAs single crystals

作者: Zhang, X (Zhang, Xiao); Sun, SS (Sun, Shanshan); Le, HC (Le, Hechang)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 23 文献号: 235105 DOI: 10.1103/PhysRevB.96.235105 出版年: DEC 4 2017

入藏号: WOS:000416942700003

IDS 号: FO6AF

第 27 条，共 100 条

标题: Fermi arc plasmons in Weyl semimetals

作者: Song, JCW (Song, Justin C. W.); Rudner, MS (Rudner, Mark S.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 20 文献号: 205443 DOI: 10.1103/PhysRevB.96.205443 出版年: NOV 29 2017

入藏号: WOS:000416429800008

IDS 号: FO0JI

第 28 条，共 100 条

标题: Instability and topological robustness of Weyl semimetals against Coulomb interaction

作者: Xue, F (Xue, Fei); Zhang, XX (Zhang, Xiao-Xiao)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 19 文献号: 195160 DOI: 10.1103/PhysRevB.96.195160 出版年: NOV 28 2017

入藏号: WOS:000416312900001

IDS 号: FN8XZ

第 29 条，共 100 条

标题: Enhanced electron correlations in the binary stannide PdSn4: A homologue of the Dirac nodal arc semimetal PtSn4

作者: Xu, CQ (Xu, C. Q.); Zhou, W (Zhou, W.); Sankar, R (Sankar, R.); Xing, XZ (Xing, X. Z.); Shi, ZX (Shi, Z. X.); Han, ZD (Han, Z. D.); Qian, B (Qian, B.); Wang, JH (Wang, J. H.); Zhu, ZW (Zhu, Zengwei); Zhang, JL (Zhang, J. L.); Bangura, AF (Bangura, A. F.); Hussey, NE (Hussey, N. E.); Xu, XF (Xu, Xiaofeng)

来源出版物: PHYSICAL REVIEW MATERIALS 卷: 1 期: 6 文献号: 064201 DOI: 10.1103/PhysRevMaterials.1.064201 出版年: NOV 10 2017

入藏号: WOS:000416594700002

IDS 号: FO2GX

第 30 条，共 100 条

标题: Violation of Ohm's law in a Weyl metal

作者: Shin, D (Shin, Dongwoo); Lee, Y (Lee, Yongwoo); Sasaki, M (Sasaki, M.); Jeong, YH (Jeong, Yoon Hee); Weickert, F (Weickert, Franziska); Betts, JB (Betts, Jon B.); Kim, HJ (Kim, Heon-Jung); Kim, KS (Kim, Ki-Seok); Kim, J (Kim, Jeehoon)

来源出版物: NATURE MATERIALS 卷: 16 期: 11 页: 1096-+ DOI: 10.1038/NMAT4965 出版年: NOV 2017

入藏号: WOS:000413668800013

IDS 号: FK7EV

第 31 条，共 100 条

标题: Charge density wave instabilities of type-II Weyl semimetals in a strong magnetic field

作者: Trescher, M (Trescher, Maximilian); Bergholtz, EJ (Bergholtz, Emil J.); Udagawa, M (Udagawa, Masafumi); Knolle, J (Knolle, Johannes)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 20 文献号: 201101 DOI: 10.1103/PhysRevB.96.201101 出版年: NOV 1 2017

入藏号: WOS:000414133800001

IDS 号: FL3OW

第 32 条，共 100 条

标题: Designer Curved-Space Geometry for Relativistic Fermions in Weyl Metamaterials

作者: Weststrom, A (Weststrom, Alex); Ojanen, T (Ojanen, Teemu)

来源出版物: PHYSICAL REVIEW X 卷: 7 期: 4 文献号: 041026 DOI: 10.1103/PhysRevX.7.041026 出版年: OCT 30 2017

入藏号: WOS:000413902000001

IDS 号: FL0LD

第 33 条，共 100 条

标题: Quantum phase transition and unusual critical behavior in multi-Weyl semimetals

作者: Wang, JR (Wang, Jing-Rong); Liu, GZ (Liu, Guo-Zhu); Zhang, CJ (Zhang, Chang-Jin)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 165142 DOI: 10.1103/PhysRevB.96.165142 出版年: OCT 24 2017

入藏号: WOS:000413510900002

IDS 号: FK5BA

第 34 条，共 100 条

标题: Double Andreev reflections in type-II Weyl semimetal-superconductor junctions

作者: Hou, Z (Hou, Zhe); Sun, QF (Sun, Qing-Feng)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 15 文献号: 155305 DOI: 10.1103/PhysRevB.96.155305 出版年: OCT 20 2017

入藏号: WOS:000413372600001

IDS 号: FK3GC

第 35 条，共 100 条

标题: Backreacted DBI magnetotransport with momentum dissipation

作者: Cremonini, S (Cremonini, Sera); Hoover, A (Hoover, Anthony); Li, L (Li, Li)

来源出版物: JOURNAL OF HIGH ENERGY PHYSICS 期: 10 文献号: 133 DOI: 10.1007/JHEP10(2017)133 出版年: OCT 19 2017

入藏号: WOS:000413346000001

IDS 号: FK2XH

第 36 条，共 100 条

标题: Hidden type-II Weyl points in the Weyl semimetal NbP

作者: Wu, SC (Wu, Shu-Chun); Sun, Y (Sun, Yan); Felser, C (Felser, Claudia); Yan, BH (Yan, Binghai)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 165113 DOI: 10.1103/PhysRevB.96.165113 出版年: OCT 9 2017

入藏号: WOS:000412515200003

IDS 号: FJ1XT

第 37 条，共 100 条

标题: Topological semimetal in honeycomb lattice LnSI

作者: Nie, SM (Nie, Simin); Xu, G (Xu, Gang); Prinz, FB (Prinz, Fritz B.); Zhang, SC (Zhang, Shou-cheng)

来源出版物: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA 卷: 114 期: 40 页: 10596-10600 DOI: 10.1073/pnas.1713261114 出版年: OCT 3 2017

入藏号: WOS:000412130500049

IDS 号: FI6TX

第 38 条，共 100 条

标题: Competition between the inter-valley scattering and the intra-valley scattering on magnetoconductivity induced by screened Coulomb disorder in Weyl semimetals

作者: Ji, XT (Ji, Xuan-Ting); Lu, HZ (Lu, Hai-Zhou); Zhu, ZG (Zhu, Zhen-Gang); Su, G (Su, Gang)

来源出版物: AIP ADVANCES 卷: 7 期: 10 文献号: 105003 DOI: 10.1063/1.4998395 出版年: OCT 2017

入藏号: WOS:000414246100003

IDS 号: FL5BO

第 39 条，共 100 条

标题: Chiral response in lattice models of Weyl materials

作者: Gorbar, EV (Gorbar, E. V.); Miransky, VA (Miransky, V. A.); Shovkovy, IA (Shovkovy, I. A.); Sukhachov, PO (Sukhachov, P. O.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 125123 DOI: 10.1103/PhysRevB.96.125123 出版年: SEP 15 2017

入藏号: WOS:000410863300002

IDS 号: FH0XG

第 40 条，共 100 条

标题: Topological nature of the node-arc semimetal PtSn4 probed by de Haas-van Alphen quantum oscillations

作者: Wang, YJ (Wang, Y. J.); Liang, DD (Liang, D. D.); Ge, M (Ge, M.); Yang, J (Yang, J.); Gong, JX (Gong, J. X.); Luo, L (Luo, L.); Pi, L (Pi, L.); Zhu, WK (Zhu, W. K.); Zhang, CJ (Zhang, C. J.); Zhang, YH (Zhang, Y. H.)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 30 期: 15 文献号: 155701 DOI: 10.1088/1361-648X/aab254 出版年: APR 18 2018

入藏号: WOS:000427647200001

IDS 号: FZ5PK

第 41 条，共 100 条

标题: Non-relativistic approximate numerical ideal-magneto-hydrodynamics of (1+1D) transverse flow in Bjorken scenario

作者: Moghaddam, MH (Moghaddam, M. Haddadi); Azadegan, B (Azadegan, B.); Kord, AF (Kord, A. F.); Alberico, WM (Alberico, W. M.)

来源出版物: EUROPEAN PHYSICAL JOURNAL C 卷: 78 期: 3 文献号: 255 DOI: 10.1140/epjc/s10052-018-5708-1 出版年: MAR 24 2018

入藏号: WOS:000428181000001

IDS 号: GA2UL

第 42 条，共 100 条

标题: Anomalous DC Hall response in noncentrosymmetric tilted Weyl semimetals

作者: Mukherjee, SP (Mukherjee, S. P.); Carbotte, JP (Carbotte, J. P.)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 30 期: 11 文献号: 115702 DOI: 10.1088/1361-648X/aaac16 出版年: MAR 21 2018

入藏号: WOS:000425972000001

IDS 号: FX3KX

第 43 条，共 100 条

标题: Tunable anisotropic anomalous Nernst effect and orbital magnetization in Floquet Weyl semimetals

作者: Niu, ZP (Niu, Zhi Ping); Wu, XS (Wu, Xueshi)

来源出版物: PHYSICS LETTERS A 卷: 382 期: 10 页: 729-733 DOI: 10.1016/j.physleta.2017.12.054 出版年: MAR 16 2018

入藏号: WOS:000424961100009

IDS 号: FW0DH

第 44 条，共 100 条

标题: Topological semimetal state and field-induced Fermi surface reconstruction in the antiferromagnetic monopnictide NdSb

作者: Wang, YJ (Wang, Yongjian); Yu, JH (Yu, J. H.); Wang, YQ (Wang, Y. Q.); Xi, CY (Xi, C. Y.); Ling, LS (Ling, L. S.); Zhang, SL (Zhang, S. L.); Wang, JR (Wang, J. R.); Xiong, YM (Xiong, Y. M.); Han, T (Han, Tao); Han, H (Han, Hui); Yang, J (Yang, Jun); Gong, JX (Gong, Jixiang); Luo, L (Luo, Lei); Tong, W (Tong, W.); Zhang, L (Zhang, Lei); Qu, Z (Qu, Zhe); Han, YY (Han, Y. Y.); Zhu, WK (Zhu, W. K.); Pi, L (Pi, Li); Wan, XG (Wan, X. G.); Zhang, CJ (Zhang, Changjin); Zhang, YH (Zhang, Yuheng)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 11 文献号: 115133 DOI: 10.1103/PhysRevB.97.115133 出版年: MAR 15 2018

入藏号: WOS:000427601500002

IDS 号: FZ4ZS

第 45 条，共 100 条

标题: Symmorphic Intersecting Nodal Rings in Semiconducting Layers

作者: Gong, C (Gong, Cheng); Xie, YE (Xie, Yuee); Chen, YP (Chen, Yuanping); Kim, HS (Kim, Heung-Sik); Vanderbilt, D (Vanderbilt, David)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 120 期: 10 文献号: 106403 DOI: 10.1103/PhysRevLett.120.106403 出版年: MAR 9 2018

入藏号: WOS:000427020400011

IDS 号: FY7CY

第 46 条，共 100 条

标题: Thermoelectric and topological properties of half-Heusler compounds ZrIrX(As, Sb, Bi)

作者: Zhang, MP (Zhang, Minping); Wei, JH (Wei, Junhong); Wang, GT (Wang, Guangtao)

来源出版物: PHYSICS LETTERS A 卷: 382 期: 9 页: 673-678 DOI: 10.1016/j.physleta.2018.01.007 出版年: MAR 9 2018

入藏号: WOS:000424719900009

IDS 号: FV6VJ

第 47 条，共 100 条

标题: Quantum materials for thermoelectricity

作者: Gooth, J (Gooth, Johannes); Schierning, G (Schierning, Gabi); Felser, C (Felser, Claudia); Nielsch, K (Nielsch, Kornelius)

来源出版物: MRS BULLETIN 卷: 43 期: 3 页: 187-192 DOI: 10.1557/mrs.2018.34 出版年: MAR 2018

入藏号: WOS:000427406500018

IDS 号: FZ2KJ

第 48 条，共 100 条

标题: High-pressure opens new windows for topological materials

作者: Weng, HM (Weng, HongMing)

来源出版物: SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY 卷: 61 期: 3 文献号: 038231 DOI: 10.1007/s11433-017-9129-0 出版年: MAR 2018

入藏号: WOS:000423576900008

IDS 号: FU0YS

第 49 条，共 100 条

标题: Transversal magnetotransport in Weyl semimetals: Exact numerical approach

作者: Behrends, J (Behrends, Jan); Kunst, FK (Kunst, Flore K.); Sbierski, B (Sbierski, Bjoern)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 6 文献号: 064203 DOI: 10.1103/PhysRevB.97.064203 出版年: FEB 28 2018

入藏号: WOS:000426321000001

IDS 号: FX8DL

第 50 条，共 100 条

标题: Quantum oscillations and coherent interlayer transport in a new topological Dirac semimetal candidate YbMnSb2

作者: Wang, YY (Wang, Yi-Yan); Xu, S (Xu, Sheng); Sun, LL (Sun, Lin-Lin); Xia, TL (Xia, Tian-Long)

来源出版物: PHYSICAL REVIEW MATERIALS 卷: 2 期: 2 文献号: 021201 DOI: 10.1103/PhysRevMaterials.2.021201 出版年: FEB 23 2018

入藏号: WOS:000426041400001

IDS 号: FX4JR

第 51 条，共 100 条

标题: Enhanced magnetoresistance in the binary semimetal NbAs2 due to improved crystal quality

作者: Yokoi, K (Yokoi, K.); Murakawa, H (Murakawa, H.); Komada, M (Komada, M.); Kida, T (Kida, T.); Hagiwara, M (Hagiwara, M.); Sakai, H (Sakai, H.); Hanasaki, N (Hanasaki, N.)

来源出版物: PHYSICAL REVIEW MATERIALS 卷: 2 期: 2 文献号: 024203 DOI: 10.1103/PhysRevMaterials.2.024203 出版年: FEB 23 2018

入藏号: WOS:000426041400002

IDS 号: FX4JR

第 52 条，共 100 条

标题: High surface conductivity of Fermi-arc electrons in Weyl semimetals

作者: Resta, G (Resta, Giacomo); Pi, ST (Pi, Shu-Ting); Wan, XG (Wan, Xiangang); Savrasov, SY (Savrasov, Sergey Y.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 8 文献号: 085142 DOI: 10.1103/PhysRevB.97.085142 出版年: FEB 22 2018

入藏号: WOS:000425732300002

IDS 号: FX0KK

第 53 条，共 100 条

标题: Prediction of a magnetic Weyl semimetal without spin-orbit coupling and strong anomalous Hall effect in the Heusler compensated ferrimagnet Ti2MnAl

作者: Shi, WJ (Shi, Wujun); Muechler, L (Muechler, Lukas); Manna, K (Manna, Kaustuv); Zhang, Y (Zhang, Yang); Koepernik, K (Koepernik, Klaus); Car, R (Car, Roberto); van den Brink, J (van den Brink, Jeroen); Felser, C (Felser, Claudia); Sun, Y (Sun, Yan)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 6 文献号: 060406 DOI: 10.1103/PhysRevB.97.060406 出版年: FEB 21 2018

入藏号: WOS:000425602700001

IDS 号: FW8QY

第 54 条，共 100 条

标题: Peculiar behavior of magnetoresistance in HgSe single crystal with low electron concentration

作者: Lonchakov, AT (Lonchakov, A. T.); Bobin, SB (Bobin, S. B.); Deryushkin, VV (Deryushkin, V. V.); Okulov, VI (Okulov, V. I.); Govorkova, TE (Govorkova, T. E.); Neverov, VN (Neverov, V. N.)

来源出版物: APPLIED PHYSICS LETTERS 卷: 112 期: 8 文献号: 082101 DOI: 10.1063/1.5018357 出版年: FEB 19 2018

入藏号: WOS:000425977500008

IDS 号: FX3NA

第 55 条，共 100 条

标题: Coexistence of Type-I and Type-II Weyl Points in the Weyl-Semimetal OsC2

作者: Zhang, MP (Zhang, Minping); Yang, ZX (Yang, Zongxian); Wang, GT (Wang, Guangtao)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 122 期: 6 页: 3533-3538 DOI: 10.1021/acs.jpcc.8b00920 出版年: FEB 15 2018

入藏号: WOS:000425571100036

IDS 号: FW8HA

第 56 条，共 100 条

标题: Coexistent three-component and two-component Weyl phonons in TiS, ZrSe, and HfTe

作者: Li, JX (Li, Jiangxu); Xie, Q (Xie, Qing); Ullah, S (Ullah, Sami); Li, RH (Li, Ronghan); Ma, H (Ma, Hui); Li, DZ (Li, Dianzhong); Li, YY (Li, Yiyi); Chen, XQ (Chen, Xing-Qiu)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 5 文献号: 054305 DOI: 10.1103/PhysRevB.97.054305 出版年: FEB 12 2018

入藏号: WOS:000424744200003

IDS 号: FV7DV

第 57 条，共 100 条

标题: Out-of-equilibrium chiral magnetic effect from chiral kinetic theory

作者: Huang, AP (Huang, Anping); Jiang, Y (Jiang, Yin); Shi, SZ (Shi, Shuzhe); Liao, JF (Liao, Jinfeng); Zhuang, PF (Zhuang, Pengfei)

来源出版物: PHYSICS LETTERS B 卷: 777 页: 177-183 DOI: 10.1016/j.physletb.2017.12.025 出版年: FEB 10 2018

入藏号: WOS:000423930700020

IDS 号: FU5ZE

第 58 条，共 100 条

标题: Cr doping induced negative transverse magnetoresistance in Cd3As2 thin films

作者: Liu, YW (Liu, Yanwen); Tiwari, R (Tiwari, Rajarshi); Narayan, A (Narayan, Awadhesh); Jin, Z (Jin, Zhao); Yuan, X (Yuan, Xiang); Zhang, C (Zhang, Cheng); Chen, F (Chen, Feng); Li, L (Li, Liang); Xia, ZC (Xia, Zhengcai); Sanvito, S (Sanvito, Stefano); Zhou, P (Zhou, Peng); Xiu, FX (Xiu, Faxian)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 8 文献号: 085303 DOI: 10.1103/PhysRevB.97.085303 出版年: FEB 9 2018

入藏号: WOS:000424628800001

IDS 号: FV5NK

第 59 条，共 100 条

标题: Dynamical correlation functions and the related physical effects in three-dimensional Weyl/Dirac semimetals

作者: Zhou, JH (Zhou, Jianhui); Chang, HR (Chang, Hao-Ran)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 7 文献号: 075202 DOI: 10.1103/PhysRevB.97.075202 出版年: FEB 9 2018

入藏号: WOS:000424628500004

IDS 号: FV5NH

第 60 条，共 100 条

标题: Pressure-induced Lifshitz transition in NbP: Raman, x-ray diffraction, electrical transport, and density functional theory

作者: Gupta, SN (Gupta, Satyendra Nath); Singh, A (Singh, Anjali); Pal, K (Pal, Koushik); Muthu, DVS (Muthu, D. V. S.); Shekhar, C (Shekhar, C.); Qi, YP (Qi, Yanpeng); Naumov, PG (Naumov, Pavel G.); Medvedev, SA (Medvedev, Sergey A.); Felser, C (Felser, C.); Waghmare, UV (Waghmare, U. V.); Sood, AK (Sood, A. K.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 6 文献号: 064102 DOI: 10.1103/PhysRevB.97.064102 出版年: FEB 5 2018

入藏号: WOS:000424087900002

IDS 号: FU8FE

第 61 条，共 100 条

标题: Universal scattering response across the type-II Weyl semimetal phase diagram

作者: Russmann, P (Ruessmann, P.); Weber, AP (Weber, A. P.); Glott, F (Glott, F.); Xu, N (Xu, N.); Fanciulli, M (Fanciulli, M.); Muff, S (Muff, S.); Magrez, A (Magrez, A.); Bugnon, P (Bugnon, P.); Berger, H (Berger, H.); Bode, M (Bode, M.); Dil, JH (Dil, J. H.); Blugel, S (Bluegel, S.); Mavropoulos, P (Mavropoulos, P.); Sessi, P (Sessi, P.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 7 文献号: 075106 DOI: 10.1103/PhysRevB.97.075106 出版年: FEB 5 2018

入藏号: WOS:000424088600001

IDS 号: FU8FL

第 62 条，共 100 条

标题: Evolution of atomic and electronic structures of TaP under high pressure

作者: Zhang, JY (Zhang, Jingyun); Li, QF (Li, Qingfang); Yang, CH (Yang, Cuihong); Rao, WF (Rao, Weifeng)

来源出版物: COMPUTATIONAL MATERIALS SCIENCE 卷: 142 页: 320-324 DOI: 10.1016/j.commatsci.2017.10.031 出版年: FEB 2018

入藏号: WOS:000414875300038

IDS 号: FM3AN

第 63 条，共 100 条

标题: Kondo effect with Weyl semimetal Fermi arcs

作者: Ma, D (Ma, Da); Chen, H (Chen, Hua); Liu, HW (Liu, Haiwen); Xie, XC (Xie, X. C.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 4 文献号: 045148 DOI: 10.1103/PhysRevB.97.045148 出版年: JAN 30 2018

入藏号: WOS:000423518900003

IDS 号: FU0CL

第 64 条，共 100 条

标题: Circular dichroism and radial Hall effects in topological materials

作者: Liu, Y (Liu, Ying); Yang, SYA (Yang, Shengyuan A.); Zhang, F (Zhang, Fan)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 3 文献号: 035153 DOI: 10.1103/PhysRevB.97.035153 出版年: JAN 24 2018

入藏号: WOS:000423347500002

IDS 号: FT7QK

第 65 条，共 100 条

标题: Nonsymmorphic symmetry protected node-line semimetal in the trigonal YH3

作者: Shao, DX (Shao, Dexi); Chen, T (Chen, Tong); Gu, QY (Gu, Qinyan); Guo, ZP (Guo, Zhaopeng); Lu, PC (Lu, Pengchao); Sun, J (Sun, Jian); Sheng, L (Sheng, Li); Xing, DY (Xing, Dingyu)

来源出版物: SCIENTIFIC REPORTS 卷: 8 文献号: 1467 DOI: 10.1038/s41598-018-19870-5 出版年: JAN 23 2018

入藏号: WOS:000423046600011

IDS 号: FT3KS

第 66 条，共 100 条

标题: Imaginary part of Hall conductivity in a tilted doped Weyl semimetal with both broken time-reversal and inversion symmetry

作者: Mukherjee, SP (Mukherjee, S. P.); Carbotte, JP (Carbotte, J. P.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 3 文献号: 035144 DOI: 10.1103/PhysRevB.97.035144 出版年: JAN 19 2018

入藏号: WOS:000423338700001

IDS 号: FT7NF

第 67 条，共 100 条

标题: Magnetopolaritons in Weyl Semimetals in a Strong Magnetic Field

作者: Long, ZQ (Long, Zhongqu); Wang, YR (Wang, Yongrui); Erukhimova, M (Erukhimova, Maria); Tokman, M (Tokman, Mikhail); Belyanin, A (Belyanin, Alexey)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 120 期: 3 文献号: 037403 DOI: 10.1103/PhysRevLett.120.037403 出版年: JAN 18 2018

入藏号: WOS:000423132300015

IDS 号: FT4NR

第 68 条，共 100 条

标题: Quantum multicriticality in disordered Weyl semimetals

作者: Luo, X (Luo, Xunlong); Xu, BL (Xu, Baolong); Ohtsuki, T (Ohtsuki, Tomi); Shindou, R (Shindou, Ryuichi)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 4 文献号: 045129 DOI: 10.1103/PhysRevB.97.045129 出版年: JAN 16 2018

入藏号: WOS:000423116400016

IDS 号: FT4HW

第 69 条，共 100 条

标题: Possible origin of linear magnetoresistance: Observation of Dirac surface states in layered PtBi2

作者: Thirupathaiah, S (Thirupathaiah, S.); Kushnirenko, Y (Kushnirenko, Y.); Haubold, E (Haubold, E.); Fedorov, AV (Fedorov, A. V.); Rienks, EDL (Rienks, E. D. L.); Kim, TK (Kim, T. K.); Yaresko, AN (Yaresko, A. N.); Blum, CGF (Blum, C. G. F.); Aswartham, S (Aswartham, S.); Buchner, B (Buechner, B.); Borisenko, SV (Borisenko, S. V.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 3 文献号: 035133 DOI: 10.1103/PhysRevB.97.035133 出版年: JAN 16 2018

入藏号: WOS:000423115200006

IDS 号: FT4HO

第 70 条，共 100 条

标题: Crystal growth and transport properties of Weyl semimetal TaAs

作者: Sankar, R (Sankar, Raman); Peramaiyan, G (Peramaiyan, G.); Muthuselvam, IP (Muthuselvam, I. Panneer); Xu, SY (Xu, Suyang); Hasan, MZ (Hasan, M. Zahid); Chou, FC (Chou, F. C.)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 30 期: 1 文献号: 015803 DOI: 10.1088/1361-648X/aa9a75 出版年: JAN 10 2018

入藏号: WOS:000423884100016

IDS 号: FU5HQ

第 71 条，共 100 条

标题: Magnetotransport properties and evidence of a topological insulating state in LaSbTe

作者: Singha, R (Singha, Ratnadwip); Pariari, A (Pariari, Arnab); Satpati, B (Satpati, Biswarup); Mandal, P (Mandal, Prabhat)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 24 文献号: 245138 DOI: 10.1103/PhysRevB.96.245138 出版年: DEC 26 2017

入藏号: WOS:000418655400008

IDS 号: FQ9AU

第 72 条，共 100 条

标题: Quantum kinetic theory of the chiral anomaly

作者: Sekine, A (Sekine, Akihiko); Culcer, D (Culcer, Dimitrie); MacDonald, AH (MacDonald, Allan H.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 23 文献号: 235134 DOI: 10.1103/PhysRevB.96.235134 出版年: DEC 21 2017

入藏号: WOS:000418572800002

IDS 号: FQ7VZ

第 73 条，共 100 条

标题: Intra-cone transition effect to magnetoconductivity in Dirac semimetal

作者: Kagimura, A (Kagimura, Aya); Onogi, T (Onogi, Tetsuya)

来源出版物: JOURNAL OF HIGH ENERGY PHYSICS 期: 12 文献号: 115 DOI: 10.1007/JHEP12(2017)115 出版年: DEC 20 2017

入藏号: WOS:000418375200005

IDS 号: FQ5CD

第 74 条，共 100 条

标题: Observation of open-orbit Fermi surface topology in the extremely large magnetoresistance semimetal MoAs2

作者: Lou, R (Lou, R.); Xu, YF (Xu, Y. F.); Zhao, LX (Zhao, L. -X.); Han, ZQ (Han, Z. -Q.); Guo, PJ (Guo, P. -J.); Li, M (Li, M.); Wang, JC (Wang, J. -C.); Fu, BB (Fu, B. -B.); Liu, ZH (Liu, Z. -H.); Huang, YB (Huang, Y. -B.); Richard, P (Richard, P.); Qian, T (Qian, T.); Liu, K (Liu, K.); Chen, GF (Chen, G. -F.); Weng, HM (Weng, H. M.); Ding, H (Ding, H.); Wang, SC (Wang, S. -C.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 24 文献号: 241106 DOI: 10.1103/PhysRevB.96.241106 出版年: DEC 19 2017

入藏号: WOS:000418299100002

IDS 号: FQ4AD

第 75 条，共 100 条

标题: Evidence for topological type-II Weyl semimetal WTe2

作者: Li, P (Li, Peng); Wen, Y (Wen, Yan); He, X (He, Xin); Zhang, Q (Zhang, Qiang); Xia, C (Xia, Chuan); Yu, ZM (Yu, Zhi-Ming); Yang, SYA (Yang, Shengyuan A.); Zhu, ZY (Zhu, Zhiyong); Alshareef, HN (Alshareef, Husam N.); Zhang, XX (Zhang, Xi-Xiang)

来源出版物: NATURE COMMUNICATIONS 卷: 8 文献号: 2150 DOI: 10.1038/s41467-017-02237-1 出版年: DEC 15 2017

入藏号: WOS:000418236800012

IDS 号: FQ3DK

第 76 条，共 100 条

标题: A New Dirac Semimetal in Hexagonal BaGaSnH

作者: Wang, ZW (Wang, Zhenwei); Wang, GT (Wang, Guangtao)

来源出版物: JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN 卷: 86 期: 12 文献号: 124714 DOI: 10.7566/JPSJ.86.124714 出版年: DEC 15 2017

入藏号: WOS:000416919700041

IDS 号: FO5RZ

第 77 条，共 100 条

标题: Similar ultrafast dynamics of several dissimilar Dirac and Weyl semimetals

作者: Weber, CP (Weber, Chris P.); Berggren, BS (Berggren, Bryan S.); Masten, MG (Masten, Madison G.); Ogloza, TC (Ogloza, Thomas C.); Deckoff-Jones, S (Deckoff-Jones, Skylar); Madeo, J (Madeo, Julien); Man, MKL (Man, Michael K. L.); Dani, KM (Dani, Keshav M.); Zhao, LX (Zhao, Lingxiao); Chen, GF (Chen, Genfu); Liu, JY (Liu, Jinyu); Mao, ZQ (Mao, Zhiqiang); Schoop, LM (Schoop, Leslie M.); Lotsch, BV (Lotsch, Bettina V.); Parkin, SSP (Parkin, Stuart S. P.); Ali, M (Ali, Mazhar)

来源出版物: JOURNAL OF APPLIED PHYSICS 卷: 122 期: 22 文献号: 223102 DOI: 10.1063/1.5006934 出版年: DEC 14 2017

入藏号: WOS:000418349300002

IDS 号: FQ4SY

第 78 条，共 100 条

标题: Semiclassical theory of anomalous transport in type-II topological Weyl semimetals

作者: McCormick, TM (McCormick, Timothy M.); McKay, RC (McKay, Robert C.); Trivedi, N (Trivedi, Nandini)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 23 文献号: 235116 DOI: 10.1103/PhysRevB.96.235116 出版年: DEC 12 2017

入藏号: WOS:000417757200003

IDS 号: FP6SU

第 79 条，共 100 条

标题: Anisotropic thermal and electrical transport of Weyl semimetal TaAs

作者: Xiang, JS (Xiang, Junsen); Hu, SL (Hu, Sile); Lv, M (Lv, Meng); Zhang, JH (Zhang, Jiahao); Zhao, HC (Zhao, Hengcan); Chen, GF (Chen, Genfu); Li, W (Li, Wei); Chen, ZY (Chen, Ziyu); Sun, PJ (Sun, Peijie)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 29 期: 48 文献号: 485501 DOI: 10.1088/1361-648X/aa964b 出版年: DEC 6 2017

入藏号: WOS:000415051400001

IDS 号: FM5DU

第 80 条，共 100 条

标题: Valley Polarization of Trions and Magnetoresistance in Heterostructures of MoS2 and Yttrium Iron Garnet

作者: Peng, B (Peng, Bo); Li, Q (Li, Qi); Liang, X (Liang, Xiao); Song, P (Song, Peng); Li, J (Li, Jian); He, KL (He, Keliang); Fu, DY (Fu, Deyi); Li, Y (Li, Yue); Shen, C (Shen, Chao); Wang, HL (Wang, Hailong); Wang, CT (Wang, Chuangtang); Liu, T (Liu, Tao); Zhang, L (Zhang, Li); Lu, HP (Lu, Haipeng); Wang, X (Wang, Xin); Zhao, JH (Zhao, Jianhua); Xie, JL (Xie, Jianliang); Wu, MZ (Wu, Mingzhong); Bi, L (Bi, Lei); Deng, LJ (Deng, Longjiang); Loh, KP (Loh, Kian Ping)

来源出版物: ACS NANO 卷: 11 期: 12 页: 12257-12265 DOI: 10.1021/acsnano.7b05743 出版年: DEC 2017

入藏号: WOS:000418990200052

IDS 号: FR3TT

第 81 条，共 100 条

标题: Elastic and electronic tuning of magnetoresistance in MoTe2

作者: Yang, JJ (Yang, Junjie); Colen, J (Colen, Jonathan); Liu, J (Liu, Jun); Nguyen, MC (Manh Cuong Nguyen); Chern, GW (Chern, Gia-wei); Louca, D (Louca, Despina)

来源出版物: SCIENCE ADVANCES 卷: 3 期: 12 文献号: eaao4949 DOI: 10.1126/sciadv.aao4949 出版年: DEC 2017

入藏号: WOS:000418003100030

IDS 号: FP9XQ

第 82 条，共 100 条

标题: Magnetoresistance in magnetite film: A theoretical and experimental investigation

作者: Zhang, ZM (Zhang, Z. M.); Zhou, WP (Zhou, W. P.); Li, Q (Li, Q.); Wang, DH (Wang, D. H.); Cao, QQ (Cao, Q. Q.); Du, YW (Du, Y. W.)

来源出版物: JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 卷: 442 页: 102-106 DOI: 10.1016/j.jmmm.2017.06.078 出版年: NOV 15 2017

入藏号: WOS:000410646900014

IDS 号: FG8AE

第 83 条，共 100 条

标题: Field-induced metamagnetic transition and nonsaturating magnetoresistance in the antiferromagnetic semimetal NdSb

作者: Zhou, Y (Zhou, Ying); Zhu, XD (Zhu, Xiangde); Huang, S (Huang, Sha); Chen, XL (Chen, Xuliang); Zhou, YH (Zhou, Yonghui); An, C (An, Chao); Zhang, BW (Zhang, Bowen); Yuan, YF (Yuan, Yifang); Xia, ZC (Xia, Zhengcai); Gu, CC (Gu, Chuanchuan); Yang, ZR (Yang, Zhaorong)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 20 文献号: 205122 DOI: 10.1103/PhysRevB.96.205122 出版年: NOV 13 2017

入藏号: WOS:000414956700008

IDS 号: FM4BT

第 84 条，共 100 条

标题: Magnetotransport properties of MoP2

作者: Wang, AF (Wang, Aifeng); Graf, D (Graf, D.); Stein, A (Stein, Aaron); Liu, Y (Liu, Yu); Yin, WG (Yin, Weiguo); Petrovic, C (Petrovic, C.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 19 文献号: 195107 DOI: 10.1103/PhysRevB.96.195107 出版年: NOV 2 2017

入藏号: WOS:000414317600003

IDS 号: FL5WR

第 85 条，共 100 条

标题: New quantum effects in relativistic magnetohydrodynamics

作者: Hirono, Y (Hirono, Yuji); Kharzeev, DE (Kharzeev, Dmitri E.); Yin, Y (Yin, Yi)

来源出版物: NUCLEAR PHYSICS A 卷: 967 页: 840-843 DOI: 10.1016/j.nuelphysa.2017.06.042 出版年: NOV 2017

入藏号: WOS:000413384100178

会议名称: 26th International Conference on Ultrarelativistic Nucleus-Nucleus Collissions (Quark Matter)

会议日期: FEB 05-11, 2017

会议地点: Chicago, IL

IDS 号: FK3KN

第 86 条，共 100 条

标题: Circular Photogalvanic Effect in the Weyl Semimetal TaAs

作者: Sun, K (Sun, Kai); Sun, SS (Sun, Shuai-Shuai); Wei, LL (Wei, Lin-Lin); Guo, C (Guo, Cong); Tian, HF (Tian, Huan-Fang); Chen, GF (Chen, Gen-Fu); Yang, HX (Yang, Huai-Xin); Li, JQ (Li, Jian-Qi)

来源出版物: CHINESE PHYSICS LETTERS 卷: 34 期: 11 文献号: 117203 DOI: 10.1088/0256-307X/34/11/117203 出版年: NOV 2017

入藏号: WOS:000423104700020

IDS 号: FT4EE

第 87 条，共 100 条

标题: Large negative magnetoresistance of a nearly Dirac material: Layered antimonide EuMnSb2

作者: Yi, CJ (Yi, Changjiang); Yang, S (Yang, Shuai); Yang, M (Yang, Meng); Wang, L (Wang, Le); Matsushita, Y (Matsushita, Yoshitaka); Miao, SS (Miao, Shanshan); Jiao, YY (Jiao, Yuanyuan); Cheng, JG (Cheng, Jinguang); Li, YQ (Li, Yongqing); Yamaura, K (Yamaura, Kazunari); Shi, YG (Shi, Youguo); Luo, JL (Luo, Jianlin)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 20 文献号: 205103 DOI: 10.1103/PhysRevB.96.205103 出版年: NOV 1 2017

入藏号: WOS:000414133800006

IDS 号: FL3OW

第 88 条，共 100 条

标题: Fermi arcs in tilted Weyl semimetals: Classification, evolution and transport properties

作者: Zhao, XM (Zhao, Xiao-Ming); Kong, X (Kong, Xiao); Guo, CX (Guo, Cui-Xian); Wu, YJ (Wu, Ya-Jie); Kou, SP (Kou, Su-Peng)

来源出版物: EPL 卷: 120 期: 4 文献号: 47004 DOI: 10.1209/0295-5075/120/47004 出版年: NOV 2017

入藏号: WOS:000424370200001

IDS 号: FV2BY

第 89 条，共 100 条

标题: Merging of momentum-space monopoles by controlling Zeeman field: From cubic-Dirac to triple-Weyl fermion systems

作者: Ezawa, M (Ezawa, Motohiko)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 161202 DOI: 10.1103/PhysRevB.96.161202 出版年: OCT 31 2017

入藏号: WOS:000414095000001

IDS 号: FL3AZ

第 90 条，共 100 条

标题: Enriched axial anomaly in Weyl materials

作者: Raines, ZM (Raines, Zachary M.); Galitski, VM (Galitski, Victor M.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 161115 DOI: 10.1103/PhysRevB.96.161115 出版年: OCT 30 2017

入藏号: WOS:000413897900001

IDS 号: FL0JP

第 91 条，共 100 条

标题: Temperature-independent band structure of WTe2 as observed from angle-resolved photoemission spectroscopy

作者: Thirupathaiah, S (Thirupathaiah, S.); Jha, R (Jha, Rajveer); Pal, B (Pal, Banabir); Matias, JS (Matias, J. S.); Das, PK (Das, P. Kumar); Vobornik, I (Vobornik, I.); Ribeiro, RA (Ribeiro, R. A.); Sarma, DD (Sarma, D. D.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 165149 DOI: 10.1103/PhysRevB.96.165149 出版年: OCT 27 2017

入藏号: WOS:000413848300005

IDS 号: FK9RK

第 92 条，共 100 条

标题: High-performance electronic transport in the plane of 3D type-II Dirac semimetals

作者: Ge, YF (Ge, Yanfeng); Wan, WH (Wan, Wenhui); Liu, Y (Liu, Yong); Zhang, Y (Zhang, Ying)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 29 期: 41 文献号: 415701 DOI: 10.1088/1361-648X/aa8162 出版年: OCT 18 2017

入藏号: WOS:000409315400001

IDS 号: FF9CW

第 93 条，共 100 条

标题: Interaction-induced phase transitions of type-II Weyl semimetals

作者: Wang, YX (Wang, Yi-Xiang); Li, FX (Li, Fuxiang); Bian, BA (Bian, Baoan)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 16 文献号: 165203 DOI: 10.1103/PhysRevB.96.165203 出版年: OCT 16 2017

入藏号: WOS:000413051400005

IDS 号: FJ8XH

第 94 条，共 100 条

标题: Fermi surface topology and magnetotransport in semimetallic LuSb

作者: Pavlosiuk, O (Pavlosiuk, Orest); Kleinert, M (Kleinert, Maja); Swatek, P (Swatek, Przemyslaw); Kaczorowski, D (Kaczorowski, Dariusz); Wisniewski, P (Wisniewski, Piotr)

来源出版物: SCIENTIFIC REPORTS 卷: 7 文献号: 12822 DOI: 10.1038/s41598-017-12792-8 出版年: OCT 9 2017

入藏号: WOS:000412654700009

IDS 号: FJ3TL

第 95 条，共 100 条

标题: Tuning the electrical transport of type II Weyl semimetal WTe2 nanodevices by Ga plus ion implantation

作者: Fu, DZ (Fu, Dongzhi); Zhang, BW (Zhang, Bingwen); Pan, XC (Pan, Xingchen); Fei, FC (Fei, Fucong); Chen, YD (Chen, Yongda); Gao, M (Gao, Ming); Wu, SY (Wu, Shuyi); He, J (He, Jian); Bai, ZB (Bai, Zhanbin); Pan, YM (Pan, Yiming); Zhang, QF (Zhang, Qinfang); Wang, XF (Wang, Xuefeng); Wu, XL (Wu, Xinglong); Song, FQ (Song, Fengqi)

来源出版物: SCIENTIFIC REPORTS 卷: 7 文献号: 12688 DOI: 10.1038/s41598-017-12865-8 出版年: OCT 4 2017

入藏号: WOS:000412161800026

IDS 号: FI7FH

第 96 条，共 100 条

标题: Recognition of Fermi-arc states through the magnetoresistance quantum oscillations in Dirac semimetal Cd3As2 nanoplates

作者: Zheng, GL (Zheng, Guolin); Wu, M (Wu, Min); Zhang, HW (Zhang, Hongwei); Chu, WW (Chu, Weiwei); Gao, WS (Gao, Wenshuai); Lu, JW (Lu, Jianwei); Han, YY (Han, Yuyan); Yang, JY (Yang, Jiyong); Du, HF (Du, Haifeng); Ning, W (Ning, Wei); Zhang, YH (Zhang, Yuheng); Tian, ML (Tian, Mingliang)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 121407 DOI: 10.1103/PhysRevB.96.121407 出版年: SEP 27 2017

入藏号: WOS:000411980200004

IDS 号: FI4WQ

第 97 条，共 100 条

标题: Towards diluted magnetism in TaAs

作者: Liu, Y (Liu, Yu); Li, ZL (Li, Zhilin); Guo, LW (Guo, Liwei); Chen, XL (Chen, Xiaolong); Yuan, Y (Yuan, Ye); Xu, C (Xu, Chi); Hubner, R (Huebner, Rene); Akhmadaliev, S (Akhmadaliev, Shavkat); Krasheninnikov, AV (Krasheninnikov, Arkady V.); N'Diaye, AT (N'Diaye, Alpha T.); Arenholz, E (Arenholz, Elke); Helm, M (Helm, Manfred); Zhou, SQ (Zhou, Shengqiang)

来源出版物: PHYSICAL REVIEW MATERIALS 卷: 1 期: 4 文献号: 044203 DOI: 10.1103/PhysRevMaterials.1.044203 出版年: SEP 25 2017

入藏号: WOS:000416581500001

IDS 号: FO2CY

第 98 条，共 100 条

标题: Reentrant metallic behavior in the Weyl semimetal NbP

作者: Xu, J (Xu, J.); Bugaris, DE (Bugaris, D. E.); Xiao, ZL (Xiao, Z. L.); Wang, YL (Wang, Y. L.); Chung, DY (Chung, D. Y.); Kanatzidis, MG (Kanatzidis, M. G.); Kwok, WK (Kwok, W. K.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 11 文献号: 115152 DOI: 10.1103/PhysRevB.96.115152 出版年: SEP 25 2017

入藏号: WOS:000411572100003

IDS 号: FH9XX

第 99 条，共 100 条

标题: Large magnetoresistance and Fermi surface topology of PrSb

作者: Wu, F (Wu, F.); Guo, CY (Guo, C. Y.); Smidman, M (Smidman, M.); Zhang, JL (Zhang, J. L.); Yuan, HQ (Yuan, H. Q.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 125122 DOI: 10.1103/PhysRevB.96.125122 出版年: SEP 13 2017

入藏号: WOS:000410591300004

IDS 号: FG7IX

第 100 条，共 100 条

标题: Large magnetoresistance in the type-II Weyl semimetal WP2

作者: Wang, AF (Wang, Aifeng); Graf, D (Graf, D.); Liu, Y (Liu, Yu); Du, QH (Du, Qianheng); Zheng, JB (Zheng, Jiabao); Lei, HC (Lei, Hechang); Petrovic, C (Petrovic, C.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 121107 DOI: 10.1103/PhysRevB.96.121107 出版年: SEP 11 2017

入藏号: WOS:000410178600002

IDS 号: FG4DM

1. **被引文献：**

标题: Discovery of a Weyl fermion state with Fermi arcs in niobium arsenide

作者: Xu, SY (Xu, Su-Yang); Alidoust, N (Alidoust, Nasser); Belopolski, I (Belopolski, Ilya); Yuan, ZJ (Yuan, Zhujun); Bian, G (Bian, Guang); Chang, TR (Chang, Tay-Rong); Zheng, H (Zheng, Hao); Strocov, VN (Strocov, Vladimir N.); Sanchez, DS (Sanchez, Daniel S.); Chang, GQ (Chang, Guoqing); Zhang, CL (Zhang, Chenglong); Mou, DX (Mou, Daixiang); Wu, Y (Wu, Yun); Huang, LN (Huang, Lunan); Lee, CC (Lee, Chi-Cheng); Huang, SM (Huang, Shin-Ming); Wang, BK (Wang, BaoKai); Bansil, A (Bansil, Arun); Jeng, HT (Jeng, Horng-Tay); Neupert, T (Neupert, Titus); Kaminski, A (Kaminski, Adam); Lin, H (Lin, Hsin); Jia, S (Jia, Shuang); Hasan, MZ (Hasan, M. Zahid)

来源出版物: NATURE PHYSICS 卷: 11 期: 9 页: 748-+ DOI: 10.1038/NPHYS3437 出版年: SEP 2015

入藏号: WOS:000360709200019

IDS 号: CQ6IY

**引用文献：**

第 1 条，共 75 条

标题: Weyl and Dirac semimetals in three-dimensional solids

作者: Armitage, NP (Armitage, N. P.); Mele, EJ (Mele, E. J.); Vishwanath, A (Vishwanath, Ashvin)

来源出版物: REVIEWS OF MODERN PHYSICS 卷: 90 期: 1 文献号: 015001 DOI: 10.1103/RevModPhys.90.015001 出版年: JAN 22 2018

入藏号: WOS:000423135000001

IDS 号: FT4OS

第 2 条，共 75 条

标题: Experimental signatures of the mixed axial-gravitational anomaly in the Weyl semimetal NbP

作者: Gooth, J (Gooth, Johannes); Niemann, AC (Niemann, Anna C.); Meng, T (Meng, Tobias); Grushin, AG (Grushin, Adolfo G.); Landsteiner, K (Landsteiner, Karl); Gotsmann, B (Gotsmann, Bernd); Menges, F (Menges, Fabian); Schmidt, M (Schmidt, Marcus); Shekhar, C (Shekhar, Chandra); Suss, V (Suess, Vicky); Hune, R (Huehne, Ruben); Rellinghaus, B (Rellinghaus, Bernd); Felser, C (Felser, Claudia); Yan, BH (Yan, Binghai); Nielsch, K (Nielsch, Kornelius)

来源出版物: NATURE 卷: 547 期: 7663 页: 324-+ DOI: 10.1038/nature23005 出版年: JUL 20 2017

入藏号: WOS:000405844900028

IDS 号: FB0OR

第 3 条，共 75 条

标题: A magnetic topological semimetal Sr1-yMn1-zSb2 (y, z < 0.1)

作者: Liu, JY (Liu, J. Y.); Hu, J (Hu, J.); Zhang, Q (Zhang, Q.); Graf, D (Graf, D.); Cao, HB (Cao, H. B.); Radmanesh, SMA (Radmanesh, S. M. A.); Adams, DJ (Adams, D. J.); Zhu, YL (Zhu, Y. L.); Cheng, GF (Cheng, G. F.); Liu, X (Liu, X.); Phelan, WA (Phelan, W. A.); Wei, J (Wei, J.); Jaime, M (Jaime, M.); Balakirev, F (Balakirev, F.); Tennant, DA (Tennant, D. A.); DiTusa, JF (DiTusa, J. F.); Chiorescu, I (Chiorescu, I.); Spinu, L (Spinu, L.); Mao, ZQ (Mao, Z. Q.)

来源出版物: NATURE MATERIALS 卷: 16 期: 9 页: 905-+ DOI: 10.1038/NMAT4953 出版年: SEP 2017

入藏号: WOS:000408591300012

IDS 号: FF0KT

第 4 条，共 75 条

标题: d Orbital Topological Insulator and Semimetal in the Antifluorite Cu2S Family: Contrasting Spin Helicities, Nodal Box, and Hybrid Surface States

作者: Sheng, XL (Sheng, Xian-Lei); Yu, ZM (Yu, Zhi-Ming); Yu, R (Yu, Rui); Weng, HM (Weng, Hongming); Yang, SYA (Yang, Shengyuan A.)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY LETTERS 卷: 8 期: 15 页: 3506-3511 DOI: 10.1021/acs.jpclett.7b01390 出版年: AUG 3 2017

入藏号: WOS:000407191300010

IDS 号: FC9WH

第 5 条，共 75 条

标题: Floquet multi-Weyl points in crossing-nodal-line semimetals

作者: Yan, ZB (Yan, Zhongbo); Wang, Z (Wang, Zhong)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 4 文献号: 041206 DOI: 10.1103/PhysRevB.96.041206 出版年: JUL 21 2017

入藏号: WOS:000406035800004

IDS 号: FB3II

第 6 条，共 75 条

标题: Anomalous Nernst and thermal Hall effects in tilted Weyl semimetals

作者: Ferreiros, Y (Ferreiros, Yago); Zyuzin, AA (Zyuzin, A. A.); Bardarson, JH (Bardarson, Jens H.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 11 文献号: 115202 DOI: 10.1103/PhysRevB.96.115202 出版年: SEP 8 2017

入藏号: WOS:000410001400004

IDS 号: FG2YQ

第 7 条，共 75 条

标题: Emergent pseudospin-1 Maxwell fermions with a threefold degeneracy in optical lattices

作者: Zhu, YQ (Zhu, Yan-Qing); Zhang, DW (Zhang, Dan-Wei); Yan, H (Yan, Hui); Xing, DY (Xing, Ding-Yu); Zhu, SL (Zhu, Shi-Liang)

来源出版物: PHYSICAL REVIEW A 卷: 96 期: 3 文献号: 033634 DOI: 10.1103/PhysRevA.96.033634 出版年: SEP 26 2017

入藏号: WOS:000411767900005

IDS 号: FI2KQ

第 8 条，共 75 条

标题: Weyl points and Fermi arcs in a chiral phononic crystal

作者: Li, F (Li, Feng); Huang, XQ (Huang, Xueqin); Lu, JY (Lu, Jiuyang); Ma, JH (Ma, Jiahong); Liu, ZY (Liu, Zhengyou)

来源出版物: NATURE PHYSICS 卷: 14 期: 1 页: 30-+ DOI: 10.1038/NPHYS4275 出版年: JAN 2018

入藏号: WOS:000423328000014

IDS 号: FT7JF

第 9 条，共 75 条

标题: Absorption of circular polarized light in tilted type-I and type-II Weyl semimetals

作者: Mukherjee, SP (Mukherjee, S. P.); Carbotte, JP (Carbotte, J. P.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 8 文献号: 085114 DOI: 10.1103/PhysRevB.96.085114 出版年: AUG 8 2017

入藏号: WOS:000407097200008

IDS 号: FC8NE

第 10 条，共 75 条

标题: Collective effects in tilted Weyl cones: Optical conductivity, polarization, and Coulomb interactions reshaping the cone

作者: Detassis, F (Detassis, Fabrizio); Fritz, L (Fritz, Lars); Grubinskas, S (Grubinskas, Simonas)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 19 文献号: 195157 DOI: 10.1103/PhysRevB.96.195157 出版年: NOV 27 2017

入藏号: WOS:000416235500009

IDS 号: FN7YR

第 11 条，共 75 条

标题: Localization Effects on Magnetotransport of a Disordered Weyl Semimetal

作者: Khalaf, E (Khalaf, E.); Ostrovsky, PM (Ostrovsky, P. M.)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 10 文献号: 106601 DOI: 10.1103/PhysRevLett.119.106601 出版年: SEP 8 2017

入藏号: WOS:000410008200011

IDS 号: FG3AI

第 12 条，共 75 条

标题: Anomalous Nernst effect in type-II Weyl semimetals

作者: Saha, S (Saha, Subhodip); Tewari, S (Tewari, Sumanta)

来源出版物: EUROPEAN PHYSICAL JOURNAL B 卷: 91 期: 1 文献号: 4 DOI: 10.1140/epjb/e2017-80437-4 出版年: JAN 15 2018

入藏号: WOS:000423448000004

IDS 号: FT9BW

第 13 条，共 75 条

标题: Magnetic and noncentrosymmetricWeyl fermion semimetals in the RAlGe family of compounds (R = rare earth)

作者: Chang, GQ (Chang, Guoqing); Singh, B (Singh, Bahadur); Xu, SY (Xu, Su-Yang); Bian, G (Bian, Guang); Huang, SM (Huang, Shin-Ming); Hsu, CH (Hsu, Chuang-Han); Belopolski, I (Belopolski, Ilya); Alidoust, N (Alidoust, Nasser); Sanchez, DS (Sanchez, Daniel S.); Zheng, H (Zheng, Hao); Lu, H (Lu, Hong); Zhang, X (Zhang, Xiao); Bian, Y (Bian, Yi); Chang, TR (Chang, Tay-Rong); Jeng, HT (Jeng, Horng-Tay); Bansil, A (Bansil, Arun); Hsu, H (Hsu, Han); Jia, S (Jia, Shuang); Neupert, T (Neupert, Titus); Lin, H (Lin, Hsin); Hasan, MZ (Hasan, M. Zahid)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 4 文献号: 041104 DOI: 10.1103/PhysRevB.97.041104 出版年: JAN 9 2018

入藏号: WOS:000419615700001

IDS 号: FS2NP

第 14 条，共 75 条

标题: Transversal magnetoresistance and Shubnikov-de Haas oscillations in Weyl semimetals

作者: Klier, J (Klier, J.); Gornyi, IV (Gornyi, I. V.); Mirlin, AD (Mirlin, A. D.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 21 文献号: 214209 DOI: 10.1103/PhysRevB.96.214209 出版年: DEC 29 2017

入藏号: WOS:000419000500001

IDS 号: FR3XQ

第 15 条，共 75 条

标题: Nodal-knot semimetals

作者: Bi, R (Bi, Ren); Yan, ZB (Yan, Zhongbo); Lu, L (Lu, Ling); Wang, Z (Wang, Zhong)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 20 文献号: 201305 DOI: 10.1103/PhysRevB.96.201305 出版年: NOV 20 2017

入藏号: WOS:000415678400002

IDS 号: FN0OR

第 16 条，共 75 条

标题: Unusual interlayer quantum transport behavior caused by the zeroth Landau level in YbMnBi2

作者: Liu, JY (Liu, J. Y.); Hu, J (Hu, J.); Graf, D (Graf, D.); Zou, T (Zou, T.); Zhu, M (Zhu, M.); Shi, Y (Shi, Y.); Che, S (Che, S.); Radmanesh, SMA (Radmanesh, S. M. A.); Lau, CN (Lau, C. N.); Spinu, L (Spinu, L.); Cao, HB (Cao, H. B.); Ke, X (Ke, X.); Mao, ZQ (Mao, Z. Q.)

来源出版物: NATURE COMMUNICATIONS 卷: 8 文献号: 646 DOI: 10.1038/s41467-017-00673-7 出版年: SEP 21 2017

入藏号: WOS:000411416100006

IDS 号: FH8BF

第 17 条，共 75 条

标题: Three-dimensional topological critical Dirac semimetal in AMgBi (A = K, Rb, Cs)

作者: Le, CC (Le, Congcong); Qin, SS (Qin, Shengshan); Wu, XX (Wu, Xianxin); Dai, X (Dai, Xia); Fu, PY (Fu, Peiyuan); Fang, C (Fang, Chen); Hu, JP (Hu, Jiangping)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 11 文献号: 115121 DOI: 10.1103/PhysRevB.96.115121 出版年: SEP 12 2017

入藏号: WOS:000410454700003

IDS 号: FG6BW

第 18 条，共 75 条

标题: Transverse shift in Andreev reflection

作者: Liu, Y (Liu, Ying); Yu, ZM (Yu, Zhi-Ming); Yang, SYA (Yang, Shengyuan A.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 121101 DOI: 10.1103/PhysRevB.96.121101 出版年: SEP 1 2017

入藏号: WOS:000408826800001

IDS 号: FF3QB

第 19 条，共 75 条

标题: Hourglass semimetals with nonsymmorphic symmetries in three dimensions

作者: Wang, LY (Wang, Luyang); Jian, SK (Jian, Shao-Kai); Yao, H (Yao, Hong)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 7 文献号: 075110 DOI: 10.1103/PhysRevB.96.075110 出版年: AUG 7 2017

入藏号: WOS:000407015600005

IDS 号: FC7IU

第 20 条，共 75 条

标题: Lattice dynamics of Dirac node-line semimetal ZrSiS

作者: Zhou, W (Zhou, Wei); Gao, H (Gao, Heng); Zhang, JR (Zhang, Junran); Fang, RY (Fang, Ruiyang); Song, H (Song, Hao); Hu, T (Hu, Tao); Stroppa, A (Stroppa, Alessandro); Li, L (Li, Ling); Wang, XF (Wang, Xuefeng); Ruan, SC (Ruan, Shuangchen); Ren, W (Ren, Wei)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 6 文献号: 064103 DOI: 10.1103/PhysRevB.96.064103 出版年: AUG 4 2017

入藏号: WOS:000406911100002

IDS 号: FC5VZ

第 21 条，共 75 条

标题: Resistivity of Weyl semimetals NbP and TaP under pressure

作者: Einaga, M (Einaga, M.); Shimizu, K (Shimizu, K.); Hu, J (Hu, J.); Mao, ZQ (Mao, Z. Q.); Politano, A (Politano, A.)

来源出版物: PHYSICA STATUS SOLIDI-RAPID RESEARCH LETTERS 卷: 11 期: 8 文献号: 1700182 DOI: 10.1002/pssr.201700182 出版年: AUG 2017

入藏号: WOS:000407919400012

IDS 号: FE0OK

第 22 条，共 75 条

标题: Emergent Weyl nodes and Fermi arcs in a Floquet Weyl semimetal

作者: Bucciantini, L (Bucciantini, Leda); Roy, S (Roy, Sthitadhi); Kitamura, S (Kitamura, Sota); Oka, T (Oka, Takashi)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 4 文献号: 041126 DOI: 10.1103/PhysRevB.96.041126 出版年: JUL 27 2017

入藏号: WOS:000406523600002

IDS 号: FC0JD

第 23 条，共 75 条

标题: High-pressure phases of Weyl semimetals NbP, NbAs, TaP, and TaAs

作者: Guo, ZP (Guo, ZhaoPeng); Lu, PC (Lu, PengChao); Chen, T (Chen, Tong); Wu, JF (Wu, JueFei); Sun, J (Sun, Jian); Xing, DY (Xing, DingYu)

来源出版物: SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY 卷: 61 期: 3 文献号: UNSP 038211 DOI: 10.1007/s11433-017-9126-6 出版年: MAR 2018

入藏号: WOS:000423576900007

IDS 号: FU0YS

第 24 条，共 75 条

标题: Breakdown of the Chiral Anomaly in Weyl Semimetals in a Strong Magnetic Field

作者: Kim, P (Kim, Pilkwang); Ryoo, JH (Ryoo, Ji Hoon); Park, CH (Park, Cheol-Hwan)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 119 期: 26 文献号: 266401 DOI: 10.1103/PhysRevLett.119.266401 出版年: DEC 26 2017

入藏号: WOS:000418661700002

IDS 号: FQ9DD

第 25 条，共 75 条

标题: Magneto-transport and electronic structures of BaZnBi2

作者: Wang, YY (Wang, Yi-Yan); Guo, PJ (Guo, Peng-Jie); Yu, QH (Yu, Qiao-He); Xu, S (Xu, Sheng); Liu, K (Liu, Kai); Xia, TL (Xia, Tian-Long)

来源出版物: NEW JOURNAL OF PHYSICS 卷: 19 文献号: 123044 DOI: 10.1088/1367-2630/aa95e7 出版年: DEC 22 2017

入藏号: WOS:000418670600003

IDS 号: FQ9GN

第 26 条，共 75 条

标题: Massive fermions with low mobility in antiferromagnet orthorhombic CuMnAs single crystals

作者: Zhang, X (Zhang, Xiao); Sun, SS (Sun, Shanshan); Le, HC (Le, Hechang)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 23 文献号: 235105 DOI: 10.1103/PhysRevB.96.235105 出版年: DEC 4 2017

入藏号: WOS:000416942700003

IDS 号: FO6AF

第 27 条，共 75 条

标题: Spin-filtered time-of-flight k-space microscopy of Ir - Towards the "complete" photoemission experiment

作者: Schonhense, G (Schoenhense, G.); Medjanik, K (Medjanik, K.); Chernov, S (Chernov, S.); Kutnyakhov, D (Kutnyakhov, D.); Fedchenko, O (Fedchenko, O.); Ellguth, M (Ellguth, M.); Vasilyev, D (Vasilyev, D.); Zaporozhchenko-Zymakova, A (Zaporozhchenko-Zymakova, A.); Panzer, D (Panzer, D.); Oelsner, A (Oelsner, A.); Tusche, C (Tusche, C.); Schonhense, B (Schonhense, B.); Braun, J (Braun, J.); Minar, J (Minar, J.); Ebert, H (Ebert, H.); Viefhaus, J (Viefhaus, J.); Wurth, W (Wurth, W.); Elmers, HJ (Elmers, H. J.)

来源出版物: ULTRAMICROSCOPY 卷: 183 页: 19-29 DOI: 10.1016/j.ultramic.2017.06.025 出版年: DEC 2017

入藏号: WOS:000415578200005

会议名称: 10th International Workshop on Low Energy Electron Microscopy and Photoemission Electron Microscopy (LEEM/PEEM)

会议日期: SEP 11-15, 2016

会议地点: Monterey, CA

IDS 号: FM9HS

第 28 条，共 75 条

标题: Elastic and transport properties of topological semimetal ZrTe

作者: Guo, SD (Guo, San-Dong); Wang, YH (Wang, Yue-Hua); Lu, WL (Lu, Wan-Li)

来源出版物: NEW JOURNAL OF PHYSICS 卷: 19 文献号: 113044 DOI: 10.1088/1367-2630/aa96f7 出版年: NOV 28 2017

入藏号: WOS:000424848100003

IDS 号: FV8PF

第 29 条，共 75 条

标题: Extremely high magnetoresistance and conductivity in the type-II Weyl semimetals WP2 and MoP2

作者: Kumar, N (Kumar, Nitesh); Sun, Y (Sun, Yan); Xu, N (Xu, Nan); Manna, K (Manna, Kaustuv); Yao, MY (Yao, Mengyu); Suss, V (Suess, Vicky); Leermakers, I (Leermakers, Inge); Young, O (Young, Olga); Forster, T (Foerster, Tobias); Schmidt, M (Schmidt, Marcus); Borrmann, H (Borrmann, Horst); Yan, BH (Yan, Binghai); Zeitler, U (Zeitler, Uli); Shi, M (Shi, Ming); Felser, C (Felser, Claudia); Shekhar, C (Shekhar, Chandra)

来源出版物: NATURE COMMUNICATIONS 卷: 8 文献号: 1642 DOI: 10.1038/s41467-017-01758-z 出版年: NOV 21 2017

入藏号: WOS:000416039000010

IDS 号: FN5HX

第 30 条，共 75 条

标题: Optical Interface States Protected by Synthetic Weyl Points

作者: Wang, Q (Wang, Qiang); Xiao, M (Xiao, Meng); Liu, H (Liu, Hui); Zhu, SN (Zhu, Shining); Chan, CT (Chan, C. T.)

来源出版物: PHYSICAL REVIEW X 卷: 7 期: 3 DOI: 10.1103/PhysRevX.7.031032 出版年: AUG 16 2017

入藏号: WOS:000407718400001

IDS 号: FD7PQ

第 31 条，共 75 条

标题: Optical signature of Weyl electronic structures in tantalum pnictides TaPn (Pn = P, As)

作者: Kimura, S (Kimura, Shin-ichi); Yokoyama, H (Yokoyama, Hiroko); Watanabe, H (Watanabe, Hiroshi); Sichelschmidt, J (Sichelschmidt, Joerg); Suss, V (Suess, Vicky); Schmidt, M (Schmidt, Marcus); Felser, C (Felser, Claudia)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 7 文献号: 075119 DOI: 10.1103/PhysRevB.96.075119 出版年: AUG 10 2017

入藏号: WOS:000407319300001

IDS 号: FD1TJ

第 32 条，共 75 条

标题: Role of four-fermion interaction and impurity in the states of two-dimensional semi-Dirac materials

作者: Wang, J (Wang, Jing)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 30 期: 12 文献号: 125401 DOI: 10.1088/1361-648X/aaa8ce 出版年: MAR 28 2018

入藏号: WOS:000425973400001

IDS 号: FX3LL

第 33 条，共 75 条

标题: Anomalous DC Hall response in noncentrosymmetric tilted Weyl semimetals

作者: Mukherjee, SP (Mukherjee, S. P.); Carbotte, JP (Carbotte, J. P.)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 30 期: 11 文献号: 115702 DOI: 10.1088/1361-648X/aaac16 出版年: MAR 21 2018

入藏号: WOS:000425972000001

IDS 号: FX3KX

第 34 条，共 75 条

标题: A class of topological nodal rings and its realization in carbon networks

作者: Gao, Y (Gao, Yan); Chen, YP (Chen, Yuanping); Xie, Y (Xie, Yuee); Chang, PY (Chang, Po-Yao); Cohen, ML (Cohen, Marvin L.); Zhang, SB (Zhang, Shengbai)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 12 文献号: 121108 DOI: 10.1103/PhysRevB.97.121108 出版年: MAR 14 2018

入藏号: WOS:000427354900001

IDS 号: FZ1RK

第 35 条，共 75 条

标题: Ultrahigh lattice thermal conductivity in topological semimetal TaN caused by a large acoustic-optical gap

作者: Guo, SD (Guo, San-Dong); Liu, BG (Liu, Bang-Gui)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 30 期: 10 文献号: 105701 DOI: 10.1088/1361-648X/aaab32 出版年: MAR 14 2018

入藏号: WOS:000425318900001

IDS 号: FW4XL

第 36 条，共 75 条

标题: Quasiparticle scattering in type-II Weyl semimetal MoTe2

作者: Lin, CL (Lin, Chun-Liang); Arafune, R (Arafune, Ryuichi); Minamitani, E (Minamitani, Emi); Kawai, M (Kawai, Maki); Takagi, N (Takagi, Noriaki)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 30 期: 10 文献号: 105703105703 DOI: 10.1088/1361-648X/aaab95 出版年: MAR 14 2018

入藏号: WOS:000425318900003

IDS 号: FW4XL

第 37 条，共 75 条

标题: Functional renormalization group approach to interacting three-dimensional Weyl semimetals

作者: Sharma, A (Sharma, Anand); Scammell, A (Scammell, Arthur); Krieg, J (Krieg, Jan); Kopietz, P (Kopietz, Peter)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 12 文献号: 125113 DOI: 10.1103/PhysRevB.97.125113 出版年: MAR 12 2018

入藏号: WOS:000427112900005

IDS 号: FY8KJ

第 38 条，共 75 条

标题: Quantum materials for thermoelectricity

作者: Gooth, J (Gooth, Johannes); Schierning, G (Schierning, Gabi); Felser, C (Felser, Claudia); Nielsch, K (Nielsch, Kornelius)

来源出版物: MRS BULLETIN 卷: 43 期: 3 页: 187-192 DOI: 10.1557/mrs.2018.34 出版年: MAR 2018

入藏号: WOS:000427406500018

IDS 号: FZ2KJ

第 39 条，共 75 条

标题: Transversal magnetotransport in Weyl semimetals: Exact numerical approach

作者: Behrends, J (Behrends, Jan); Kunst, FK (Kunst, Flore K.); Sbierski, B (Sbierski, Bjoern)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 6 文献号: 064203 DOI: 10.1103/PhysRevB.97.064203 出版年: FEB 28 2018

入藏号: WOS:000426321000001

IDS 号: FX8DL

第 40 条，共 75 条

标题: Quantum oscillations and coherent interlayer transport in a new topological Dirac semimetal candidate YbMnSb2

作者: Wang, YY (Wang, Yi-Yan); Xu, S (Xu, Sheng); Sun, LL (Sun, Lin-Lin); Xia, TL (Xia, Tian-Long)

来源出版物: PHYSICAL REVIEW MATERIALS 卷: 2 期: 2 文献号: 021201 DOI: 10.1103/PhysRevMaterials.2.021201 出版年: FEB 23 2018

入藏号: WOS:000426041400001

IDS 号: FX4JR

第 41 条，共 75 条

标题: High surface conductivity of Fermi-arc electrons in Weyl semimetals

作者: Resta, G (Resta, Giacomo); Pi, ST (Pi, Shu-Ting); Wan, XG (Wan, Xiangang); Savrasov, SY (Savrasov, Sergey Y.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 8 文献号: 085142 DOI: 10.1103/PhysRevB.97.085142 出版年: FEB 22 2018

入藏号: WOS:000425732300002

IDS 号: FX0KK

第 42 条，共 75 条

标题: Prediction of a magnetic Weyl semimetal without spin-orbit coupling and strong anomalous Hall effect in the Heusler compensated ferrimagnet Ti2MnAl

作者: Shi, WJ (Shi, Wujun); Muechler, L (Muechler, Lukas); Manna, K (Manna, Kaustuv); Zhang, Y (Zhang, Yang); Koepernik, K (Koepernik, Klaus); Car, R (Car, Roberto); van den Brink, J (van den Brink, Jeroen); Felser, C (Felser, Claudia); Sun, Y (Sun, Yan)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 6 文献号: 060406 DOI: 10.1103/PhysRevB.97.060406 出版年: FEB 21 2018

入藏号: WOS:000425602700001

IDS 号: FW8QY

第 43 条，共 75 条

标题: Coexistence of Type-I and Type-II Weyl Points in the Weyl-Semimetal OsC2

作者: Zhang, MP (Zhang, Minping); Yang, ZX (Yang, Zongxian); Wang, GT (Wang, Guangtao)

来源出版物: JOURNAL OF PHYSICAL CHEMISTRY C 卷: 122 期: 6 页: 3533-3538 DOI: 10.1021/acs.jpcc.8b00920 出版年: FEB 15 2018

入藏号: WOS:000425571100036

IDS 号: FW8HA

第 44 条，共 75 条

标题: Coexistent three-component and two-component Weyl phonons in TiS, ZrSe, and HfTe

作者: Li, JX (Li, Jiangxu); Xie, Q (Xie, Qing); Ullah, S (Ullah, Sami); Li, RH (Li, Ronghan); Ma, H (Ma, Hui); Li, DZ (Li, Dianzhong); Li, YY (Li, Yiyi); Chen, XQ (Chen, Xing-Qiu)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 5 文献号: 054305 DOI: 10.1103/PhysRevB.97.054305 出版年: FEB 12 2018

入藏号: WOS:000424744200003

IDS 号: FV7DV

第 45 条，共 75 条

标题: Topological Nodal Cooper Pairing in Doped Weyl Metals

作者: Li, Y (Li, Yi); Haldane, FDM (Haldane, F. D. M.)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 120 期: 6 文献号: 067003 DOI: 10.1103/PhysRevLett.120.067003 出版年: FEB 9 2018

入藏号: WOS:000424632100011

IDS 号: FV5OP

第 46 条，共 75 条

标题: Phase-Sensitive Evidence for the Sign-Reversal s(+/-) Symmetry of the Order Parameter in an Iron-Pnictide Superconductor Using Nb/Ba1-xNaxFe2As2 Josephson Junctions

作者: Kalenyuk, AA (Kalenyuk, A. A.); Pagliero, A (Pagliero, A.); Borodianskyi, EA (Borodianskyi, E. A.); Kordyuk, AA (Kordyuk, A. A.); Krasnov, VM (Krasnov, V. M.)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 120 期: 6 文献号: 067001 DOI: 10.1103/PhysRevLett.120.067001 出版年: FEB 6 2018

入藏号: WOS:000424193100011

IDS 号: FU9RE

第 47 条，共 75 条

标题: Pressure-induced Lifshitz transition in NbP: Raman, x-ray diffraction, electrical transport, and density functional theory

作者: Gupta, SN (Gupta, Satyendra Nath); Singh, A (Singh, Anjali); Pal, K (Pal, Koushik); Muthu, DVS (Muthu, D. V. S.); Shekhar, C (Shekhar, C.); Qi, YP (Qi, Yanpeng); Naumov, PG (Naumov, Pavel G.); Medvedev, SA (Medvedev, Sergey A.); Felser, C (Felser, C.); Waghmare, UV (Waghmare, U. V.); Sood, AK (Sood, A. K.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 6 文献号: 064102 DOI: 10.1103/PhysRevB.97.064102 出版年: FEB 5 2018

入藏号: WOS:000424087900002

IDS 号: FU8FE

第 48 条，共 75 条

标题: Universal scattering response across the type-II Weyl semimetal phase diagram

作者: Russmann, P (Ruessmann, P.); Weber, AP (Weber, A. P.); Glott, F (Glott, F.); Xu, N (Xu, N.); Fanciulli, M (Fanciulli, M.); Muff, S (Muff, S.); Magrez, A (Magrez, A.); Bugnon, P (Bugnon, P.); Berger, H (Berger, H.); Bode, M (Bode, M.); Dil, JH (Dil, J. H.); Blugel, S (Bluegel, S.); Mavropoulos, P (Mavropoulos, P.); Sessi, P (Sessi, P.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 7 文献号: 075106 DOI: 10.1103/PhysRevB.97.075106 出版年: FEB 5 2018

入藏号: WOS:000424088600001

IDS 号: FU8FL

第 49 条，共 75 条

标题: Evolution of atomic and electronic structures of TaP under high pressure

作者: Zhang, JY (Zhang, Jingyun); Li, QF (Li, Qingfang); Yang, CH (Yang, Cuihong); Rao, WF (Rao, Weifeng)

来源出版物: COMPUTATIONAL MATERIALS SCIENCE 卷: 142 页: 320-324 DOI: 10.1016/j.commatsci.2017.10.031 出版年: FEB 2018

入藏号: WOS:000414875300038

IDS 号: FM3AN

第 50 条，共 75 条

标题: Surface plasmon of three-dimensional Dirac semimetals

作者: Losic, ZB (Losic, Zeljana Bonacic)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 30 期: 4 文献号: 045002 DOI: 10.1088/1361-648X/aaa070 出版年: JAN 31 2018

入藏号: WOS:000419348700002

IDS 号: FR8TZ

第 51 条，共 75 条

标题: Doping and tilting on optics in noncentrosymmetric multi-Weyl semimetals

作者: Mukherjee, SP (Mukherjee, S. P.); Carbotte, JP (Carbotte, J. P.)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 4 文献号: 045150 DOI: 10.1103/PhysRevB.97.045150 出版年: JAN 30 2018

入藏号: WOS:000423518900005

IDS 号: FU0CL

第 52 条，共 75 条

标题: Appearance of the universal value e(2)/h of the zero-bias conductance in a Weyl semimetal-superconductor junction

作者: Zhang, SB (Zhang, Song-Bo); Dolcini, F (Dolcini, Fabrizio); Breunig, D (Breunig, Daniel); Trauzettel, B (Trauzettel, Bjoern)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 4 文献号: 041116 DOI: 10.1103/PhysRevB.97.041116 出版年: JAN 25 2018

入藏号: WOS:000423427600001

IDS 号: FT8UB

第 53 条，共 75 条

标题: Circular dichroism and radial Hall effects in topological materials

作者: Liu, Y (Liu, Ying); Yang, SYA (Yang, Shengyuan A.); Zhang, F (Zhang, Fan)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 3 文献号: 035153 DOI: 10.1103/PhysRevB.97.035153 出版年: JAN 24 2018

入藏号: WOS:000423347500002

IDS 号: FT7QK

第 54 条，共 75 条

标题: Nonsymmorphic symmetry protected node-line semimetal in the trigonal YH3

作者: Shao, DX (Shao, Dexi); Chen, T (Chen, Tong); Gu, QY (Gu, Qinyan); Guo, ZP (Guo, Zhaopeng); Lu, PC (Lu, Pengchao); Sun, J (Sun, Jian); Sheng, L (Sheng, Li); Xing, DY (Xing, Dingyu)

来源出版物: SCIENTIFIC REPORTS 卷: 8 文献号: 1467 DOI: 10.1038/s41598-018-19870-5 出版年: JAN 23 2018

入藏号: WOS:000423046600011

IDS 号: FT3KS

第 55 条，共 75 条

标题: Magnetopolaritons in Weyl Semimetals in a Strong Magnetic Field

作者: Long, ZQ (Long, Zhongqu); Wang, YR (Wang, Yongrui); Erukhimova, M (Erukhimova, Maria); Tokman, M (Tokman, Mikhail); Belyanin, A (Belyanin, Alexey)

来源出版物: PHYSICAL REVIEW LETTERS 卷: 120 期: 3 文献号: 037403 DOI: 10.1103/PhysRevLett.120.037403 出版年: JAN 18 2018

入藏号: WOS:000423132300015

IDS 号: FT4NR

第 56 条，共 75 条

标题: Renormalization of Coulomb interactions in a system of two-dimensional tilted Dirac fermions

作者: Lee, YW (Lee, Yu-Wen); Lee, YL (Lee, Yu-Li)

来源出版物: PHYSICAL REVIEW B 卷: 97 期: 3 文献号: 035141 DOI: 10.1103/PhysRevB.97.035141 出版年: JAN 17 2018

入藏号: WOS:000423118900002

IDS 号: FT4IR

第 57 条，共 75 条

标题: Transition from a nodal-loop phase to a nodal-chain phase in a periodically modulated optical lattice

作者: Yin, CH (Yin, Chuanhao); Li, LH (Li, Linhu); Chen, S (Chen, Shu)

来源出版物: PHYSICAL REVIEW A 卷: 97 期: 1 文献号: 013604 DOI: 10.1103/PhysRevA.97.013604 出版年: JAN 4 2018

入藏号: WOS:000419228200003

IDS 号: FR7DW

第 58 条，共 75 条

标题: Stretchable Photonic "Fermi Arcs' in Twisted Magnetized Plasma

作者: Xia, LB (Xia, Lingbo); Gao, WL (Gao, Wenlong); Yang, B (Yang, Biao); Guo, QH (Guo, Qinghua); Liu, HC (Liu, Hongchao); Han, JG (Han, Jiaguang); Zhang, WL (Zhang, Weili); Zhang, S (Zhang, Shuang)

来源出版物: LASER & PHOTONICS REVIEWS 卷: 12 期: 1 文献号: 1700226 DOI: 10.1002/lpor.201700226 出版年: JAN 2018

入藏号: WOS:000419666500008

IDS 号: FS3FT

第 59 条，共 75 条

标题: Emergence of topological nodal lines and type-II Weyl nodes in the strong spin-orbit coupling system InNbX2 (X=S,Se)

作者: Du, YP (Du, Yongping); Bo, XY (Bo, Xiangyan); Wang, D (Wang, Di); Kan, EJ (Kan, Er-jun); Duan, CG (Duan, Chun-Gang); Savrasov, SY (Savrasov, Sergey Y.); Wan, XG (Wan, Xiangang)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 23 文献号: 235152 DOI: 10.1103/PhysRevB.96.235152 出版年: DEC 29 2017

入藏号: WOS:000419008400004

IDS 号: FR4AR

第 60 条，共 75 条

标题: Magnetotransport properties and evidence of a topological insulating state in LaSbTe

作者: Singha, R (Singha, Ratnadwip); Pariari, A (Pariari, Arnab); Satpati, B (Satpati, Biswarup); Mandal, P (Mandal, Prabhat)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 24 文献号: 245138 DOI: 10.1103/PhysRevB.96.245138 出版年: DEC 26 2017

入藏号: WOS:000418655400008

IDS 号: FQ9AU

第 61 条，共 75 条

标题: Correlated triple-Weyl semimetals with Coulomb interactions

作者: Zhang, SX (Zhang, Shi-Xin); Jian, SK (Jian, Shao-Kai); Yao, H (Yao, Hong)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 24 文献号: 241111 DOI: 10.1103/PhysRevB.96.241111 出版年: DEC 21 2017

入藏号: WOS:000418573600002

IDS 号: FQ7WH

第 62 条，共 75 条

标题: Regularized Framework of a Weyl Equation for Describing a Weyl Semimetal: Application to the Case with a Screw Dislocation

作者: Takane, Y (Takane, Yositake)

来源出版物: JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN 卷: 86 期: 12 文献号: 123708 DOI: 10.7566/JPSJ.86.123708 出版年: DEC 15 2017

入藏号: WOS:000416919700012

IDS 号: FO5RZ

第 63 条，共 75 条

标题: Semiclassical theory of anomalous transport in type-II topological Weyl semimetals

作者: McCormick, TM (McCormick, Timothy M.); McKay, RC (McKay, Robert C.); Trivedi, N (Trivedi, Nandini)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 23 文献号: 235116 DOI: 10.1103/PhysRevB.96.235116 出版年: DEC 12 2017

入藏号: WOS:000417757200003

IDS 号: FP6SU

第 64 条，共 75 条

标题: Topological gapless phase in Kitaev model on square lattice

作者: Wang, P (Wang, P.); Lin, S (Lin, S.); Zhang, G (Zhang, G.); Song, Z (Song, Z.)

来源出版物: SCIENTIFIC REPORTS 卷: 7 文献号: 17179 DOI: 10.1038/s41598-017-17334-w 出版年: DEC 7 2017

入藏号: WOS:000417354700025

IDS 号: FP1EQ

第 65 条，共 75 条

标题: Nodal-line semimetals from Weyl superlattices

作者: Behrends, J (Behrends, Jan); Rhim, JW (Rhim, Jun-Won); Liu, S (Liu, Shang); Grushin, AG (Grushin, Adolfo G.); Bardarson, JH (Bardarson, Jens H.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 24 文献号: 245101 DOI: 10.1103/PhysRevB.96.245101 出版年: DEC 1 2017

入藏号: WOS:000416848200003

IDS 号: FO4WK

第 66 条，共 75 条

标题: Anisotropic Magnetoresistivity in Semimetal TaSb2

作者: Liu, XY (Liu, Xia-Yin); Wang, JL (Wang, Jia-Lu); You, W (You, Wei); Wang, TT (Wang, Ting-Ting); Yang, HY (Yang, Hai-Yang); Jiao, WH (Jiao, Wen-He); Mao, HY (Mao, Hong-Ying); Zhang, L (Zhang, Li); Cheng, J (Cheng, Jie); Li, YK (Li, Yu-Ke)

来源出版物: CHINESE PHYSICS LETTERS 卷: 34 期: 12 文献号: 127501 DOI: 10.1088/0256-307X/34/12/127501 出版年: DEC 2017

入藏号: WOS:000423106300016

IDS 号: FT4ET

第 67 条，共 75 条

标题: Lifshitz Transitions Induced by Temperature and Surface Doping in Type-II Weyl Semimetal Candidate T-d-WTe2

作者: Zhang, QH (Zhang, Qihang); Liu, ZK (Liu, Zhongkai); Sun, Y (Sun, Yan); Yang, HF (Yang, Haifeng); Jiang, J (Jiang, Juan); Mo, SK (Mo, Sung-Kwan); Hussain, Z (Hussain, Zahid); Qian, XF (Qian, Xiaofeng); Fu, L (Fu, Liang); Yao, SH (Yao, Shuhua); Lu, MH (Lu, Minghui); Felser, C (Felser, Claudia); Yan, BH (Yan, Binghai); Chen, YL (Chen, Yulin); Yang, LX (Yang, Lexian)

来源出版物: PHYSICA STATUS SOLIDI-RAPID RESEARCH LETTERS 卷: 11 期: 12 文献号: 1700209 DOI: 10.1002/pssr.201700209 出版年: DEC 2017

入藏号: WOS:000418096000002

IDS 号: FQ1DH

第 68 条，共 75 条

标题: Imbert-Fedorov shift in Weyl semimetals: Dependence on monopole charge and intervalley scattering

作者: Wang, LY (Wang, Luyang); Jian, SK (Jian, Shao-Kai)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 11 文献号: 115448 DOI: 10.1103/PhysRevB.96.115448 出版年: SEP 27 2017

入藏号: WOS:000411979100006

IDS 号: FI4WJ

第 69 条，共 75 条

标题: Towards diluted magnetism in TaAs

作者: Liu, Y (Liu, Yu); Li, ZL (Li, Zhilin); Guo, LW (Guo, Liwei); Chen, XL (Chen, Xiaolong); Yuan, Y (Yuan, Ye); Xu, C (Xu, Chi); Hubner, R (Huebner, Rene); Akhmadaliev, S (Akhmadaliev, Shavkat); Krasheninnikov, AV (Krasheninnikov, Arkady V.); N'Diaye, AT (N'Diaye, Alpha T.); Arenholz, E (Arenholz, Elke); Helm, M (Helm, Manfred); Zhou, SQ (Zhou, Shengqiang)

来源出版物: PHYSICAL REVIEW MATERIALS 卷: 1 期: 4 文献号: 044203 DOI: 10.1103/PhysRevMaterials.1.044203 出版年: SEP 25 2017

入藏号: WOS:000416581500001

IDS 号: FO2CY

第 70 条，共 75 条

标题: Anisotropic chiral magnetic effect from tilted Weyl cones

作者: van der Wurff, ECI (van der Wurff, E. C. I.); Stoof, HTC (Stoof, H. T. C.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 12 文献号: 121116 DOI: 10.1103/PhysRevB.96.121116 出版年: SEP 25 2017

入藏号: WOS:000411572400003

IDS 号: FH9YA

第 71 条，共 75 条

标题: Reentrant metallic behavior in the Weyl semimetal NbP

作者: Xu, J (Xu, J.); Bugaris, DE (Bugaris, D. E.); Xiao, ZL (Xiao, Z. L.); Wang, YL (Wang, Y. L.); Chung, DY (Chung, D. Y.); Kanatzidis, MG (Kanatzidis, M. G.); Kwok, WK (Kwok, W. K.)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 11 文献号: 115152 DOI: 10.1103/PhysRevB.96.115152 出版年: SEP 25 2017

入藏号: WOS:000411572100003

IDS 号: FH9XX

第 72 条，共 75 条

标题: Comparative study on structural, elastic, dynamical, and thermodynamic properties of Weyl semimetals MX (M = Ta or Nb; X = As or P)

作者: Liu, L (Liu, Lei); Wang, ZQ (Wang, Zhao-Qi); Hu, CE (Hu, Cui-E.); Cheng, Y (Cheng, Yan); Ji, GF (Ji, Guang-Fu)

来源出版物: SOLID STATE COMMUNICATIONS 卷: 263 页: 10-18 DOI: 10.1016/j.ssc.2017.06.011 出版年: SEP 2017

入藏号: WOS:000410842900003

IDS 号: FH0PM

第 73 条，共 75 条

标题: Synthesizing Weyl semimetals in weak topological insulator and topological crystalline insulator multilayers

作者: Lau, A (Lau, Alexander); Ortix, C (Ortix, Carmine)

来源出版物: PHYSICAL REVIEW B 卷: 96 期: 8 文献号: 081411 DOI: 10.1103/PhysRevB.96.081411 出版年: AUG 31 2017

入藏号: WOS:000408703700001

IDS 号: FF2BU

第 74 条，共 75 条

标题: Evolution of the topologically protected surface states in superconductor beta-Bi2Pd from the three-dimensional to the two-dimensional limit

作者: Wang, BT (Wang, B. T.); Margine, ER (Margine, Elena R.)

来源出版物: JOURNAL OF PHYSICS-CONDENSED MATTER 卷: 29 期: 32 文献号: 325501 DOI: 10.1088/1361-648X/aa7a4b 出版年: AUG 16 2017

入藏号: WOS:000405324300001

IDS 号: FA3EH

第 75 条，共 75 条

标题: Anomalous tunneling characteristic of Weyl semimetals with tilted energy dispersion

作者: Yesilyurt, C (Yesilyurt, Can); Siu, ZB (Siu, Zhuo Bin); Tan, SG (Tan, Seng Ghee); Liang, GC (Liang, Gengchiau); Yang, SYA (Yang, Shengyuan A.); Jalil, MBA (Jalil, Mansoor B. A.)

来源出版物: APPLIED PHYSICS LETTERS 卷: 111 期: 6 文献号: 063101 DOI: 10.1063/1.4997296 出版年: AUG 7 2017

入藏号: WOS:000407696500034

IDS 号: FD7HF