**叶修竹** | 论文列表

[✆ +86](mailto:# +86) 18610324746 ⚫ 🖂: [sonic2002942@yahoo.com](mailto:sonic2002942@yahoo.com)

共发表1部译著, 50余篇论文，其中15 篇SCI检索论文已收录,EI 22篇已收录。

专利申请1项。国际会议特邀报告6次。近期论文多围绕电磁逆散射成像算法研究及医疗成像系统。

**译著**

共同作者，译著 “微波毫米波安防遥感技术”, 机械工业出版社*, 2015,* ISBN: 9787111499275

**专利**

叶修竹，姜昊，沈荣，“基于基片集成波导的缝隙阵列天线及其功分网络”，专利申请号：201810853570.3

SCI论文 \*为通信作者

|  |  |
| --- | --- |
| 1 | C. Fang, **X. Ye\***, Y. Zhang, Q. Wang, N. Zhang, H. Jiang and M. Bai, “Investigation of the RCS for finite bandpass frequency selective surface”, accepted, *Applied Computational Electromagnetics Society Journal* (SCI), 2019. |
| 2  3  4  5 | R. Shen, **X. Ye\***, J. Xie, Z. Chen, C. Jin, "A W-Band Circular Box-horn Antenna Array Radiating Sum and Difference Beams with Suppressed Sidelobe," accepted, DOI (identifier) 10.1109/TAP.2019.2920358, *IEEE Transactions on Antennas and Propagation*, 2019（SCI JCR Q1区）  Y. Chu, K. Xu, Y. Zhong, **X. Ye**, T, Zhou,X. Chen,, G. Wang, “[Fast Microwave Through Wall Imaging Method With Inhomogeneous Background Based on Levenberg-Marquardt Algorithm](http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=2&SID=5FRwXa755VCKbXx5dBj&page=1&doc=1)”, *IEEE Transactions on Microwave Theory and Techniques*, Vol, 67, Issue, 3, pp. 1138-1147, Mar. 2019.（SCI JCR Q1区）  B. Zhang, C. Jin, **X. Ye**, R. Mittra, “[Dual-Band Dual-Polarized Quasi-Elliptic Frequency Selective Surfaces](http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=2&SID=5FRwXa755VCKbXx5dBj&page=1&doc=2),” *IEEE Antennas and Wireless Propagation Letters*, Vol.18, Issue 2, pp.298-302, Feb. 2019.(SCI JCR Q1区)  **X. Ye**\* and X. Chen, “Subspace-based distorted-Born iterative method for solving inverse scattering problems”, *IEEE Transactions on Antennas and Propagation,* Vol. 65, no.12, pp. 7224 – 7232, Dec. 2017. （SCI JCR Q1区） |
| 6 | R. Shen, **X. Ye\*** and J. Miao, “Design of a Multimode Feed Horn Applied in a Tracking Antenna”, *IEEE Transactions on Antennas and Propagation*,Vol.65, no. 6, pp.2779-2788, Jun. 2017.（SCI JCR Q1区） |
| 7 | X. Fang, M. Bai, **X. Ye\***, Z. Zheng “Ultra-broadband microwave frequency down-conversion based on optical frequency comb”, *Optics Express* 23, Vol.13, pp.17111-17119, Nov. 2015. （SCI JCR Q1区） |
| 8 | **X. Ye**, L. Poli, G. Oliver, Y. Zhong, K. Agarwal, A. Massa, X. Chen\* “Multi-resolution subspace-based optimization method for solving three-dimensional inverse scattering problems”, *Journal of the Optical Society of America A*, Vol. 31, No. 11, pp. 2218-2226, Jun. 2015. （SCI JCR Q2区） |
| 9 | **X. Ye\***, R. Song, X. Chen, “Application of T-matrix method in solving mixed boundary separable obstacle problem”, *Optics Express*, Vol. 22, Issue 13, pp. 16273-16281, Jun. 2014. （SCI JCR Q1区） |
| 10 | R. Song, **X. Ye**, X. Chen\*, “Reconstruction of scatterers with four different boundary conditions by T-matrix method”,[*Inverse Problems in Science and Engineering*](http://www.researchgate.net/journal/1741-5977_Inverse_Problems_in_Science_and_Engineering)*, V*ol. 23, Issue 4, pp. 601-616, May 2015. （SCI） |
| 11 | **X. Ye**, X. Chen\*, Y. Zhong, R. Song, “Simultaneous Reconstruction of Dielectric and Perfectly Conducting Scatterers Via T-Matrix Method”, *IEEE Transactions on Antennas and Propagation*, Vol. 61, no. 7, pp. 3774-3781, Jul. 2013. （SCI JCR Q1区） |
| 12 | **X. Ye\***, R. Song, K. Agarwal, X. Chen, “Electromagnetic imaging of separable obstacle problem”, *Optics Express*, Vol. 20, Issue 3, pp. 2206-2219, Jan. 2012. （SCI JCR Q1区） |
| 13 | **X. Ye**, Y. Zhong, X. Chen\*, “Reconstructing perfectly electric conductors by subspace-based optimization method with continuous variables”, *Inverse Problems*, Vol. 27, no. 5, 055011, May 2011. （SCI JCR Q1区） |
| 14 | **X. Ye**, Y. Zhong, K. Agarwal, X. Chen\*, “Subspace-based optimization method for reconstructing perfectly electric conductors”, *Progress in Electromagnetics Research*, Vol. 100, pp. 119-128, 2010. （SCI JCR Q2区） |
| 15 | K. Xu\*, Y. Liu, L. Dong, L. Peng, S. Chen, F. Shen, **X. Ye**, X. Chen and G. Wang, “[Printed multi-band compound meta-loop antenna with hybrid-coupled SRRs](http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=7AfwgllRkdoEqPPGRPQ&page=1&doc=1&cacheurlFromRightClick=no)”, *IET Microwave Antennas& Propagation*, Vol.12, no.8, pp.1382-1388, 2018.07（SCI） |

Oral Presentations

讲座

|  |  |
| --- | --- |
| 1 | “Microwave biomedical imaging with inhomogeneous background”, at Southern University of Science and Technology, Shenzhen, China, Nov. 2017 |
| 2 | “On Imaging Methods of Material Structures with Different Boundary Conditions”, at Fresnel Institute, Marseille, France, Mar. 2017 |
| 3 | “Breast cancer imaging - using the microwave inverse scattering method”, at L2S, Centrale Supelec, Paris, France, Mar. 2017 |

会议与EI论文

|  |  |
| --- | --- |
| 1 | **(特邀报告) X. YE**, **“**An inhomogeneous background microwave imaging algorithm as applied in bio-imaging”, 2019 International Conference on Microwave and Millimeter Wave Technology, Guangzhou, May 2019. |
| 2 | **(特邀报告)**H. Liu and **X. Ye\***, “Reconstruction of Dielectric Pamameters of Human Tissues Using Distorted Born Iterative Method”, 2019 IEEE International Conference on Computational Electromagnetics, Shanghai, Mar. 2019. |
| 3 | **(特邀报告)**R. Shen, **X. Ye**\*, J. Xie, “A wideband design of rectangular TE10 to circular TE01 mode transducer”, *IEEE 7th Asia-Pacific Conference on Antennas and Propagation*, Auckland, New Zealand, Aug. 2018. |
| 4 | **X. Ye**, N. Zhang, and X. Chen, “The Subspace-based Distorted-Born Iteration Method TE and Anisotropic Case”, *Progress In Electromagnetics Research Symposium 2018*, Toyama, Japan, Aug. 2018. |
| 5 | H. Liu, X. Shang, **X. Ye\***, “Breast Cancer Detection Using Synthetic Aperture Radar Imaging and Distorted Born Iterative Method”, *the Applied Computational Electromagnetics Society Conference*, Beijing, China, Jul. 2018. |
| 6 | C. Fang, N. Zhang, H. Jiang, Y. Zhang, M. Bai and **X. Ye**\*, “Investigation of the RCS for a finite bandpass frequency selective surface”, *the Applied Computational Electromagnetics Society Conference*, Beijing, China, Jul. 2018. |
| 7 | N. Zhang, Q. Wang, H. Jiang, M. Bai, Y. Zhang and **X. Ye**\*, “An Exploration of Finite Frequency Selective Surface Fringe Effect to Wave-transparent Mechanism”, *the Applied Computational Electromagnetics Society Conference*, Beijing, China, Jul. 2018. |
| 8 | H. Jiang, K. Xu, M. Bai\* and X. Ye, “A Multiband Folded Loop Antenna for Metal-Rimmed Smartphones”, *the Applied Computational Electromagnetics Society Conference*, Beijing, China, Jul. 2018. |
| 9 | K. Xu and **X. Ye\***, “A comparison of the MR-TSOM and DBIM in reconstructing 2D model of human breast”, *2018 Cross Strait Quad-Region Radio Science and Wireless Technology Conference*, Xuzhou, China, Jul. 2018. |
| 10 | **X. Ye**, “Simultaneous Imaging of the Conductor and Dielectric Scatterer”, The 18th International Symposium on Applied Electromagnetics and Mechanics, Chamonix, Mont-Blanc, France, Sep. 2017 |
| 11 | **X. Ye**, “Inverse scattering method in reconstructing different boundary conditions”, *Applied Inverse Problems*, Hangzhou, China, June 2017 |
| 12 | **X. Ye**, “Electromagnetic Imaging of Wave Impenetrable Objects”, *11th European Conference on Antennas and Propagation (EUCAP),* Paris, France, Mar. 2017 |
| 13 | **(特邀报告)** **X. Ye** and X. Chen, “A distorted-Born subspace-based optimization method”, *Progress In Electromagnetics Research Symposium 2016*, Shanghai, China, Aug. 2016. |
| 14 | **X. Ye,** J. Shen, L. Ran and X. Chen, “Inverse Scattering based Through Wall Imaging”, *7th Asia-Pacific International Symposium on Electromagnetic Compatibility & Signal Integrity and Technical Exhibition*, Shenzhen, China, May 2016. |
| 15 | **X. Ye** and X. Chen, “Two-dimensional inverse scattering problems with four different boundary conditions”, *Progress In Electromagnetics Research Symposium 2015*, Prague, Czech, July 2015. |
| 16 | **X. Ye**, “Imaging the PEC scatterer via T-matrix based inversion method”, *2015 IEEE Symposium on Antennas and Propagation and URSI North American Radio Science Meetings*, Vancouver, Canada, July 2015. |
| 17 | **X. Ye**, “Simultaneous reconstruction of the PEC and dielectric scatterers in through-wall imaging application”, *9th International Conference on Computational Physics,* Singapore, Jan. 2015. |
| 18 | **X. Ye**, “Simultaneous reconstruction of the PEC and dielectric scatterers via inverse scattering method”, *Progress In Electromagnetics Research Symposium 2014*, Guangzhou, China, July 2014. |
| 19 | **(特邀报告)**X. Chen and **X. Ye**, “Through-wall imaging: inverse scattering approach”, *Asia-Pacific Conference on Antennas and Propagation*, Harbin, China, July 2014. |
| 20 | **X. Ye** and X. Chen “Electromagnetic inverse scattering of perfectly electric conductors by the subspace-based optimization method”, *Progress In Electromagnetics Research Symposium 2011*, Suzhou, China, Sept. 2011. |
| 21 | **X. Ye** and X. Chen, “The investigation of the regularization term in the continuous-parameter subspace-based optimization method in reconstructing PEC objects”, *Cross Strait Quad-Regional Radio Science and Wireless Technology Conference*, Harbin, China, July 2011. |
| 22 | H. Jiang, R. Shen and **X. Ye**\*, “A broadband antenna array for microwave imaging application”, Progress in Electromagnetics Research Symposium 2017, Singapore, Nov. 2017. |
| 23 | J. Li and **X. Ye**, “Electromagnetic two-dimensional scattering experiment for verifying inverse scattering problem”, *Progress in Electromagnetics Research Symposium 2017*, Singapore, Nov. 2017. |
| 24 | R. Song, **X. Ye**, X. Chen, “Reconstruction of electromagnetic scatterers with different boundary conditions”, *Progress In Electromagnetics Research Symposium 2013*, Taipei, Taiwan, Mar. 2013. |
| 25 | **X. Ye** and X. Chen, “Investigation of the optimization progress of the subspace-based optimization method in reconstructing perfect electric conductors”, *Asia-Pacific Microwave Conference,* Melbourne, Australia, Dec. 2011. |
| 26 | **X. Ye** and X. Chen, “The role of regularization parameter of subspace-based optimization method in solving inverse scattering problems”, *Asia-Pacific Microwave Conference*, Singapore, Dec. 2008. |
| 27 | Q. Wang, Y. Tong, Y. Zhang, J. Wang, X. Liu, **X. Ye,** S. Lu, “Effect of Cylindrical and Spherical Conformation on Transmission Characteristics of FSS”, *2018 12th International Symposium on Antennas, Propagation and EM Theory, ISAPE 2018 – Proceedings*, Dec. 2018. |
| 28 | K, Xu, **X. Ye**, Y. Zhong, X. Chen, “[A Fast Algorithm for Solving the Inverse Scattering Problems with Inhomogeneous Background](https://www.engineeringvillage.com/search/doc/abstract.url?&pageType=quickSearch&usageZone=resultslist&usageOrigin=searchresults&searchtype=Quick&SEARCHID=77590933148a435e8d63a3ac87db1362&DOCINDEX=8&ignore_docid=cpx_2c34434516775e10495M4d5e1017816339&database=1&format=quickSearchAbstractFormat&tagscope=&displayPagination=yes)”, 2*018 IEEE International Conference on Computational Electromagnetics, ICCEM 2018*, Oct., 2018 |
| 29 | M. Serhir, M. Lambert, D. Lesselier, **X. Ye**, “[On the Electromagnetic Probing of Man-Made and Natural Buried Structures](https://www.engineeringvillage.com/search/doc/abstract.url?&pageType=quickSearch&usageZone=resultslist&usageOrigin=searchresults&searchtype=Quick&SEARCHID=77590933148a435e8d63a3ac87db1362&DOCINDEX=10&ignore_docid=cpx_fb9d7c9168b9c478ffM64d210178163167&database=1&format=quickSearchAbstractFormat&tagscope=&displayPagination=yes)”, *2018 International Conference on Microwave and Millimeter Wave Technology, ICMMT 2018 - Proceedings*, Dec., 2018, |
| 30 | Y. Liu, K. Xu, S. Chen, P. Zhao, G. Wang, **X. Ye**, “[A Microwave Sensor Based on Split Ring Resonators for Differential Measuring Permittivity](https://www.engineeringvillage.com/search/doc/abstract.url?&pageType=quickSearch&usageZone=resultslist&usageOrigin=searchresults&searchtype=Quick&SEARCHID=77590933148a435e8d63a3ac87db1362&DOCINDEX=11&ignore_docid=cpx_3a36a3f51684df4ed38M73b61017816339&database=1&format=quickSearchAbstractFormat&tagscope=&displayPagination=yes)”, *Proceedings of the 2018 IEEE 7th Asia-Pacific Conference on Antennas and Propagation, APCAP 2018*, p 241-242, Nov., 2018 |
| 31 | W. Yu, Z. Qiao, **X. Ye\***, M. Bai, “[A Modified Method for Measuring the Faraday Rotation Angle](https://www.engineeringvillage.com/search/doc/abstract.url?&pageType=quickSearch&usageZone=resultslist&usageOrigin=searchresults&searchtype=Quick&SEARCHID=77590933148a435e8d63a3ac87db1362&DOCINDEX=12&ignore_docid=cpx_M63a14164168dd7ff576M605b10178163167&database=1&format=quickSearchAbstractFormat&tagscope=&displayPagination=yes)”, *Progress in Electromagnetics Research Symposium*, v 2018-August, p 706-709, Dec. 31, 2018 |
| 32 | C. Wang, **X. Ye**, X. Chen, X. Xin, B. Liang, Z, Li, A. Hu, J. Miao, “[A 3.5-8 GHz Analog Complex Cross-Correlator for Interferometric Passive Millimeter-Wave Security Imaging Systems](https://www.engineeringvillage.com/search/doc/abstract.url?&pageType=quickSearch&usageZone=resultslist&usageOrigin=searchresults&searchtype=Quick&SEARCHID=77590933148a435e8d63a3ac87db1362&DOCINDEX=13&ignore_docid=cpx_M63a14164168dd7ff576M5d7110178163167&database=1&format=quickSearchAbstractFormat&tagscope=&displayPagination=yes)”, *Progress in Electromagnetics Research Symposium*, v 2018-August, p 706-709, Dec. 31, 2018. |
| 33 | B. Niu, D. Xia, Y. Xing, **X. Ye**, M. Bai, “[Analysis and Synthesis of Large Scale Conformal Antenna Based on Hybrid Layout](https://www.engineeringvillage.com/search/doc/abstract.url?&pageType=quickSearch&usageZone=resultslist&usageOrigin=searchresults&searchtype=Quick&SEARCHID=77590933148a435e8d63a3ac87db1362&DOCINDEX=16&ignore_docid=cpx_M63a14164168dd7ff576M60e710178163167&database=1&format=quickSearchAbstractFormat&tagscope=&displayPagination=yes),” *Progress in Electromagnetics Research Symposium*, 2018-August, p 706-709, Dec. 31, 2018. |
| 34 | X. Chen, **X. Ye**, C. Wang, A. Hu, J. Miao, “[A Ka Band Multi-Channel Integrated Receiver for Passive Millimeter Wave Imaging System](https://www.engineeringvillage.com/search/doc/abstract.url?&pageType=quickSearch&usageZone=resultslist&usageOrigin=searchresults&searchtype=Quick&SEARCHID=77590933148a435e8d63a3ac87db1362&DOCINDEX=17&ignore_docid=cpx_M63a14164168dd7ff576M5fbb10178163167&database=1&format=quickSearchAbstractFormat&tagscope=&displayPagination=yes),” *Progress in Electromagnetics Research Symposium*, 2018-August, p 706-709, Dec. 31, 2018. |