**叶修竹** | 论文列表

共发表1部译著, 80余篇论文，其中21篇SCI检索论文已收录,EI 60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**

叶修竹等，“基于基片集成波导的缝隙阵列天线及其功分网络”，已授权

SCI论文 \*为通信作者

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|  | [**X. Ye**](https://ieeexplore.ieee.org/author/38103010700), [Y. Bai](https://ieeexplore.ieee.org/author/37088543852), [R. Song](https://ieeexplore.ieee.org/author/37087004040), [K. Xu](https://ieeexplore.ieee.org/author/37085705830), [J. An](https://ieeexplore.ieee.org/author/37286060500), “[An Inhomogeneous Background Imaging Method Based on Generative Adversarial Network](https://ieeexplore.ieee.org/document/9174646/)”, [*IEEE Transactions on Microwave Theory and Techniques*](https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=22), Vol. 68, Issue11, 2020. (SCI JCR Q1) |
|  | [**X. Ye**](https://ieeexplore.ieee.org/author/38103010700), [N. Zhang](https://ieeexplore.ieee.org/author/37086803261), [K. Xu](https://ieeexplore.ieee.org/author/37085705830), [K. Agarwal](https://ieeexplore.ieee.org/author/37399757000), [M. Bai](https://ieeexplore.ieee.org/author/37957257500), [D. Liu](https://ieeexplore.ieee.org/author/37693273500), [X. Chen](https://ieeexplore.ieee.org/author/37403977200), “[Application of Subspace-Based Distorted-Born Iteration Method in Imaging Biaxial Anisotropic Scatterer](https://ieeexplore.ieee.org/document/9239900/)”, [*IEEE Transactions on Computational Imaging*](https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6745852), Vol.6, 2020. (SCI JCR Q1) |
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Oral Presentations

讲座

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| 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

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| 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. |
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| 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. |
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| 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. |
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| 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. |
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| 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. |
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| 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 |
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