

## 2018 年发表的科研成果

### 期刊论文:

1. Eight-Band Antenna With A Small Ground Clearance for LTE Metal-Frame Mobile Phone Applications, Huang, Daiwei; Du, Zhengwei, IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS (影响因子 3.448), 年 2018, 卷 17, 页 34-37, WOS 入藏号 WOS:000423336900009
2. Near-Field Interference Estimation Between Multilayer PCBs Using a Reciprocity-Based Filamentary-Element Coupling Model, Li, Xuelian; Du, Zhengwei, IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY (影响因子 1.520), 年 2018, 卷 60, 期 3, 页 685-695, WOS 入藏号 WOS:000422793900017
3. The influence of microwave pulse repetition frequency on the thermal burnout effect of a PIN diode limiting-amplifying system, Yi, Shipeng; Du, Zhengwei, MICROELECTRONICS RELIABILITY (影响因子 1.236), 年 2018, 卷 85, 页 156-162, WOS 入藏号 WOS:000436888200017
4. The influence of microwave pulse width on the thermal burnout effect of an LNA constructed by a GaAs PHEMT, Yi, Shipeng; Du, Zhengwei, MICROELECTRONICS RELIABILITY (影响因子 1.236), 年 2018, 卷 85, 页 140-147, WOS 入藏号 WOS:000436888200015
5. Compact antenna for 4G/5G metal frame mobile phone applications using tuning line, Huang, Daiwei; Du, Zhengwei; Wang, Yan, Electronics (影响因子 2.11), 年 2018, 卷 7, 439; doi:10.3390/electronics7120439
6. Compact nine-band antenna for 4G/5G smartphones, Huang, Daiwei; Du, Zhengwei, INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING (影响因子 1.306), 年 2018, e21575. <https://doi.org/10.1002/mmce.21575>
7. Libin Sun, Haigang Feng, Yue Li, Zhijun Zhang\*, “Compact 5G MIMO Mobile Phone Antennas With Tightly Arranged Orthogonal-Mode Pairs,” IEEE Transactions on Antennas and Propagation, vol. 66, No. 11, pp6364-6369, 2018.

8. Yuefeng Hou, Yue Li, Zhijun Zhang\*, Zhenghe Feng, "Narrow-Width Periodic Leaky-Wave Antenna Array for Endfire Radiation Based on Hansen - Woodyard Condition," IEEE Transactions on Antennas and Propagation, vol. 66, No. 11, pp6393-6396, 2018.
9. Yuefeng Hou, Le Chang, Yue Li, Zhijun Zhang\*, Zhenghe Feng, "Linear Multibeam Transmitarray Based on the Sliding Aperture Technique," IEEE Transactions on Antennas and Propagation, vol. 66, No. 8, pp3948-3958, 2018.
10. Peiqin Liu, Haigang Feng, Yue Li, Zhijun Zhang\*, "Low-Profile EndFire Leaky-Wave Antenna With Air Media," IEEE Transactions on Antennas and Propagation, vol. 66, No. 3, pp1086-1092, 2018.
11. Le Chang, Yue Li, Zhijun Zhang\*, Shaodong Wang, Zhenghe Feng, "Planar Air-Filled Terahertz Antenna Array Based on Channelized Coplanar Waveguide Using Hierarchical Silicon Bulk Micromachining," IEEE Transactions on Antennas and Propagation, vol. 66, No. 10, pp5318-5325, 2018.
12. Le Chang, Yue Li, Zhijun Zhang\*, Zhenghe Feng, "Reconfigurable 2-bit Fixed-Frequency Beam Steering Array Based on Microstrip Line," IEEE Transactions on Antennas and Propagation, vol. 66, No. 2, pp683-691, 2018.
13. Peiqin Liu, Yue Li, Zhijun Zhang\*, Pengcheng Jia, "All-Metal Centipede-Like End-Fire Antenna," IEEE Antennas and Wireless Propagation Letters, vol. 17, No. 10, pp. 1905-1909, 2018.
14. Gui Chao Huang, M. Iskander, Zhijun Zhang, "Circularly Polarized Beam-Switching Antenna Array Design for Directional Networks," IEEE Antennas and Wireless Propagation Letters, vol. 17, No. 10, pp. 1905-1909, 2018.
15. Jun Luo, Fan Yang, Shenheng Xu, Maokun Li, and Shengming Gu, "A High Gain Broadband Transmitarray Antenna Using Dual-Resonant E-Shaped Element," Microwave and Optical Technology Letters (MOTL), vol. 60, no. 6, pp. 1531-1536, Jun. 2018. ISSN: 0895-2477
16. Abdul Aziz, Fan Yang, Shenheng Xu, and Maokun Li, "An Efficient Dual-Band Orthogonally Polarized Transmitarray Design Using Three-Dipole Elements," IEEE Antennas and Wireless Propagation Letters, vol. 17, no. 2, pp. 319-322, Feb. 2018.

17. Xingliang Zhang, Ruyuan Deng, Fan Yang, Chunping Jiang, Shenheng Xu, and Maokun Li, "Metasurface-Based Ultrathin Beam Splitter with Variable Split Angle and Power Distribution," *ACS Photonics*, vol.5, no.8, pp. 2997-3002, Aug. 2018.
18. Xiao Liu, Fan Yang, Maokun Li, and Shenheng Xu, "Analysis of Reflectarray Antenna Elements Under Arbitrary Incident Angles and Polarizations Using Generalized Boundary Conditions," *IEEE Antennas and Wireless Propagation Letters*, vol. 17, no. 12, pp. 2208-2212, Dec. 2018.
19. Xiaoqian Song, Maokun Li, Fan Yang, Shenheng Xu, and Aria Abubakar, "Feasibility Study of Acoustic Imaging for Human Thorax Using Contrast Source Inversion," *The Journal of the Acoustical Society of America*, vol. 144, no. 5, pp. 2782-2792, Nov. 2018.
20. 杨帆, 许慎恒, 刘骁, 杨雪, 潘笑天, 王敏, 肖钰, 李懋坤, "基于界面电磁学的新型相控阵天线," *电波科学学报*, vol. 33, no. 3, pp. 256-265, 2018年6月。
21. Fan Yang, Ruyuan Deng, Shenheng Xu, and Maokun Li, "Design and Experiment of a Near-Zero-Thickness High-Gain Transmit-Reflect-Array Antenna Using Anisotropic Metasurface," *IEEE Transactions on Antennas and Propagation*, vol. 66, no. 6, pp. 2853-2861, Jun. 2018.
22. Fan Yang, Jun Luo, Shenheng Xu, and Maokun Li, "Design of Artificial Matching Layers With Arbitrary Permittivity Using a Metasurface," *IEEE Antennas and Wireless Propagation Letters*, vol. 17, no. 8, pp. 1445-1448, Aug. 2018.
23. Wenxing An, Lin Xiong, Shenheng Xu, Fan Yang, Hai-Peng Fu, and Jian-Guo Ma, "A Ka-Band High-Efficiency Transparent Reflectarray Antenna Integrated With Solar Cells," *IEEE Access*, vol. 6, pp. 60843-60851, 2018.
24. Ruyuan Deng, Shenheng Xu, Fan Yang, and Maokun Li, "An FSS-Backed Ku/Ka Quad-Band Reflectarray Antenna for Satellite Communications," *IEEE Transactions on Antennas and Propagation*, vol. 66, no. 8, pp. 4353-4358, Aug. 2018.
25. Yu Xiao, Peizhe Shan, Kaiqiang Zhu, Houjun Sun, and Fan Yang, "Analysis of a Novel Singlet and Its Application in THz Bandpass Filter Design," *IEEE Transactions on Terahertz Science and Technology*, vol. 8, pp. 312-320, May. 2018.
26. Xue Yang, Shenheng Xu, Fan Yang, Maokun Li, Houfei Fang, Yangqing Hou, Shuidong Jiang,

- and Lei Liu, "A Mechanically Reconfigurable Reflectarray With Slotted Patches of Tunable Height," *IEEE Antennas and Wireless Propagation Letters*, vol. 17, No. 4, pp.555-558, Apr. 2018.
27. Multiband and Multimode Concurrent PA With Novel Intermodulation Tuning Network for Linearity Improvement, Li, Jing; Chen, Wenhua; Huang, Fei; Feng, Zhenghe, *IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS* (影响因子 2.169), 年 2018, 卷 28, 期 3, 页 248-250, WOS 入藏号 WOS:000427441400022
  28. Reduced Cost Digital Predistortion Only With In-Phase Feedback Signal, Zhang, Qian; Chen, Wenhua; Feng, Zhenghe, *IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS* (影响因子 2.169), 年 2018, 卷 28, 期 3, 页 257-259, WOS 入藏号 WOS:000427441400025
  29. A design methodology of envelope tracking power amplifier based on harmonic impedance tuning, Huang, Fei; Chen, Wenhua; Zhang, Qian; Li, Jing; Lv, Guansheng; Feng, Zhenghe, *MICROWAVE AND OPTICAL TECHNOLOGY LETTERS* (影响因子 0.948), 年 2018, 卷 60, 期 3, 页 639-642, WOS 入藏号 WOS:000424280900020
  30. Yijing He, Yue Li, Liang Zhu, Hakan Bagci, Danilo Erricolo, and Pai-Yen Chen, 'Waveguide Dispersion Tailoring by using Embedded Impedance Surfaces', *Physical Review Applied*, 10, 044024 (2018).
  31. Yijing He and Yue Li, 'Dual-linearly Polarized Microstrip Antenna Using Slot-loaded TM<sub>50</sub> Mode', *IEEE Antennas Wireless Propag. Lett.*, vol. 17, No. 12, pp. 2344-2348, Dec. 2018.
  32. Maryam Sakhdari, Mehdi Hajizadegan, Yue Li, Jonathan C. H. Hung, and Pai-Yen Chen, 'Ultrasensitive, Parity-Time-Symmetric Wireless Reactive and Resistive Sensors', *IEEE Sensor Journal*, vol. 18. No. 23, pp. 9548-9555, Dec. 2018.
  33. Yue Li and Nader Engheta, 'Capacitor-Inspired Metamaterial Inductors', *Physical Review Applied*, 10, 054021 (2018).
  34. Wenqian Shen, Linglong Dai, Yue Li, Zhaocheng Wang, and Lajos Hanzo, 'Channel feedback codebook design for millimeter-wave massive MIMO systems relying on lens antenna array,' *IEEE Wireless Commun. Lett.*, vol. 7. No. 5, pp. 736-739, Oct. 2018.

35. Yu Liu, Peiqing Liu, Mengzhi Jun, Lifeng Wang, and Yue Li, 'A Planar Printed Non-Band Loop-Monopole Reconfigurable Antenna for Mobile Handsets', *IEEE Antennas Wireless Propag. Lett.*, vol. 17, No. 8, pp. 1575-1579, 2018.
36. Iñigo Liberal, Yue Li, and Nader Engheta, 'Reconfigurable epsilon-near-zero metasurfaces via photonic doping', *Nanophotonics*, Volume 7, Issue 6, pp. 1117-1127, 2018.
37. Ziheng Zhou, Ke Chen, Bo Zhu, Junming Zhao, Yijun Feng, and Yue Li: 'Ultra-wideband Microwave Absorption by Design and Optimization of Metasurface Salisbury Screen,' *IEEE Access*, Vol. 6, pp. 26843-26853, 2018.
38. Iñigo Liberal, Iñigo Ederra, Yue Li, 'Isotropic single-photon sources', *Opt. Lett.*, Vol. 43, Issue 12, pp. 2736-2739 (2018).
39. Libin Sun, Haigang Feng, Yue Li, and Zhijun Zhang, 'Tightly-arranged orthogonal mode antenna for 5G MIMO mobile terminal', *Microw. Opt. Technol. Lett.*, Vol. 60, Issue 7, pp. 1751-1756, Jul. 2018.
40. Yue Li and Zhijun Zhang, 'Experimental verification of guided-wave lumped circuits using waveguide metamaterials', *Physical Review Applied*, 9, 044024 (2018).
41. Wenxing An, Yue Li, Haipeng Fu, Jianguo Ma, Weigang Chen, and Botao Feng: 'Low-Profile and Wideband Microstrip Antenna with Stable Gain for 5G Wireless Applications', *IEEE Antennas Wireless Propag. Lett.*, vol. 17, No. 4, pp. 621-624, 2018.
42. Yijing He, Yue Li, Liang Zhu, Hakan Bagci, Danilo Erricolo, and Pai-Yen Chen, 'Waveguide Dispersion Tailoring by using Embedded Impedance Surfaces', *Physical Review Applied*, 10, 044024 (2018).
43. Yijing He and Yue Li, 'Dual-linearly Polarized Microstrip Antenna Using Slot-loaded TM<sub>50</sub> Mode', *IEEE Antennas Wireless Propag. Lett.*, vol. 17, No. 12, pp. 2344-2348, Dec. 2018.
44. Maryam Sakhdari, Mehdi Hajizadegan, Yue Li, Jonathan C. H. Hung, and Pai-Yen Chen, 'Ultrasensitive, Parity-Time-Symmetric Wireless Reactive and Resistive Sensors', *IEEE Sensor Journal*, vol. 18. No. 23, pp. 9548-9555, Dec. 2018.

#### 会议论文:

1. Wideband dual-polarized grid-shape antenna with cross-slot coupled feed, Huang, Daiwei; Du,

- Zhengwei, 2018 IEEE International Conference on Computational Electromagnetics (ICCEM 2018), Chengdu, China, pp. 1-3, March 26-28, 2018. DOI: 10.1109/ICMMT.2018.8563618
2. Octa-band antenna with less ground clearance for LTE mobile handset, Huang, Daiwei; Du, Zhengwei, 2018 IEEE International Conference on Computational Electromagnetics (ICCEM 2018), Chengdu, China, pp. 1-3, March 26-28, 2018, DOI: 10.1109/ICMMT.2018.8563852
  3. An octaband monopole antenna with a matching circuit for LTE/WLAN smartphone applications, Chen, Guannan; Du, Zhengwei, 2018 IEEE International Conference on Computational Electromagnetics (ICCEM 2018), Chengdu, China, pp. 1-3, March 26-28, 2018. DOI: 10.1109/ICMMT.2018.8563999
  4. Chunwang Xiang, Xunwang Dang, Maokun Li, Fan Yang, and Shenheng Xu, "The application of barycentric subdivision method for numerical integration in method of moments," 2018 IEEE International Conference on Computational Electromagnetics (ICCEM 2018), Chengdu, China, Mar. 26-28, 2018.
  5. Tao Shan, Xunwang Dang, Maokun Li, Fan Yang, Shenheng Xu, and Ji Wu, "Study on a 3D Possion's equation slover based on deep learning technique," 2018 IEEE International Conference on Computational Electromagnetics (ICCEM 2018), Chengdu, China, Mar. 26-28, 2018.
  6. Rui Guo, Maokun Li, Fan Yang, Shenheng Xu, Guangyou Fang, Aria Abubakar, "Application of Gradient Learning Scheme to Pixel-Based Inversion for Transient EM Data," 2018 IEEE International Conference on Computational Electromagnetics (ICCEM 2018), Chengdu, China, pp. 1-3, March 26-28, 2018.
  7. Xiaoqian Song, Maokun Li, Fan Yang, Shenheng Xu, Aria Abubakar, "Feasibility Study of Acoustic Imaging for Human Thorax Using Contrast Source Inversion, " 2018 IEEE International Conference on Computational Electromagnetics (ICCEM 2018), Chengdu, China, pp. 1-3, Mar 26-28, 2018.
  8. Fan Yang, Shenheng Xu, Xiaotian Pan, Xue Yang, Jun Luo, Min Wang, Yu Wang, and Maokun Li, "Reconfigurable Reflectarrays and Transmitarrays: From Antenna Designs to System Applications," 12th European Conference on Antennas and Propagation (EuCAP 2018), London, United Kindom, April 9-13, 2018.

9. Rui Guo, Maokun Li, Fan Yang, Shenheng Xu, Guangyou Fang, Aria Abubakar, "Application of Supervised Descent Method to Nonlinear Inversion for Transient EM Data," 12th European Conference on Antennas and Propagation (EuCAP 2018), London, United Kindom, pp. 5, April 9-13, 2018
10. Jun Luo, Fan Yang, Sean Victor Hum, Shenheng Xu, Maokun Li, "Study of a Low-Profile Transmitarray Element using 3 Non-Identical Layers," 2018 IEEE MTT-S International Wireless Symposium (IWS 2018), May 6-9, 2018
11. Abdul Aziz, Fan Yang, Shenheng Xu, Maokun Li, Hai-tao Chen, "Dual-Band Dual-Polarized Transmitarray for Satellite Communications," 2018 IEEE MTT-S International Wireless Symposium (IWS 2018), May 6-9, 2018
12. Kaiming Dong, Fan Yang, Shenheng Xu, Maokun Li, "Reconfigurable Sensing Antenna for Mechanical Rotation Monitoring," 2018 IEEE MTT-S International Wireless Symposium (IWS 2018), May 6-9, 2018
13. Xiaotian Pan, Shaodong Wang, Guangfu Li, Shenheng Xu and Fan Yang, "On-chip reconfigurable reflectarray for 2-D beam-steering at W-band," 2018 IEEE MTT-S International Wireless Symposium (IWS), Chengdu, May 6-9, 2018.
14. Rui Guo, Xiaoqian Song, Maokun Li, Fan Yang, Shenheng Xu, Aria Abubakar, "Imaging of Two Dimensional Scatterers using Descent Learning Technique", 2018 IEEE International Symposium on Antennas and Propagation (APS 2018), Boston, United States, Jul.8-13, 2018.
15. Alessandro Niccolai, Xiaotian Pan, Paola Pirinoli, Fan Yang, Riccardo Zich, "Flat beam optimization of 1-bit Reflectarray by mean of Social Network Optimization", 2018 IEEE International Symposium on Antennas and Propagation (APS 2018), Boston, United States, Jul.8-13, 2018.
16. Fan Yang, Shenheng Xu, Xiaotian Pan, Xue Yang, Jun Luo, Min Wang, Yu Wang, and Maokun Li, "Novel Phased Array Designs Using Reconfigurable Reflection and Transmission Surfaces", 2018 IEEE International Symposium on Antennas and Propagation (APS 2018), Boston, United States, Jul.8-13, 2018.

17. Xiao Liu, Fan Yang, "Modulated Metasurface Antennas Design Based on Generalized Boundary Conditions," 2018 IEEE International Symposium on Antennas and Propagation (APS 2018), Boston, United States, Jul.8-13,2018.
18. Xiao Liu, Fan Yang, Maokun Li, and Shenheng Xu, "Characterization of Multiple-Layer Anisotropic Metasurfaces Based on Generalized Boundary Conditions," 2018 IEEE International Symposium on Antennas and Propagation (APS 2018), Boston, United States, Jul.8-13,2018.
19. Xiao Jia, Fan Yang, Yousef Vahabzadeh, Christophe Caloz, "Multiple Beam Forming using Spherical Metasurfaces," 2018 IEEE International Symposium on Antennas and Propagation (APS 2018), Boston, United States, Jul.8-13,2018.
20. Michele Beccaria, Paola Pirinoli, and Fan Yang, "Preliminary results on Conformal Transmitarray Antennas," 2018 IEEE International Symposium on Antennas and Propagation (APS 2018), Boston, United States, Jul.8-13,2018.
21. Yu Wang, Shenheng Xu, Fan Yang, and Maokun Li, "Design of a 1-bit Reconfigurable Transmitarray Element Using an Equivalent Magnetic Dipole," 2018 IEEE International Symposium on Antennas and Propagation (APS 2018), Boston, United States, Jul.8-13,2018.
22. Yu Wang, Shenheng Xu, Fan Yang, and Maokun Li, "A Multi-bit Reconfigurable Transmitarray Design Approach Using Cascaded Spatial Phase Shifters," 2018 IEEE International Symposium on Antennas and Propagation (APS 2018), Boston, United States, Jul.8-13,2018.
23. Alessandro Niccolai, Xiaotian Pan, Paola Pirinoli, Fan Yang, Riccardo Zich, and Shenheng Xu, "Flat beam optimization of 1-bit Reflectarray by means of Social Network Optimization," 2018 IEEE International Symposium on Antennas and Propagation (APS 2018), Boston, United States, Jul.8-13,2018.
24. Tao Shan, Wei Tang, Xunwang Dang, Maokun Li, Fan Yang, Shenheng Xu, Ji Wu, "Study on a Fast Solver for Poisson's Equation Based On Deep Learning Technique," 2018 IEEE International Symposium on Antennas and Propagation (APS 2018), Boston, United States, Jul.8-13,2018.



25. Tao Shan, Maokun Li, Shenheng Xu and Fan Yang, "Synthesis of Reflectarray Based on Deep Learning Technique," 2018 Cross Strait Quad-Regional Radio Science and Wireless Technology Conference (CSQRWC), Xuzhou, 21-24 July 2018, pp. 1-2.
26. Rui Guo, Maokun Li, Chunwang Xiang, Fan Yang, Shenheng Xu, Aria Abubakar, "2D Magnetotelluric Inversion using Supervised Descent Method", 2018 International Applied Computational Electromagnetics Society Symposium in China (ACES-China 2018), Beijing, China, Jul. 29-Aug 1, 2018.
27. Xiaoqian Song, Maokun Li, Fan Yang, Shenheng Xu, Aria Abubakar, "Joint Inversion of Acoustic and Electromagnetic Data for Imaging Human Thorax," 2018 International Applied Computational Electromagnetics Society Symposium in China (ACES-China 2018), Beijing, China, Jul. 29-Aug 1, 2018.
28. Xibi Chen, Fan Yang, Maokun Li and Shenheng Xu, "FDTD Solver with Time-Domain Perturbation Method for Simulating An All-Optical Switch Realized by Nonlinear Metasurface", 2018 International Applied Computational Electromagnetics Society Symposium in China (ACES-China 2018), Beijing, China, Jul. 29-Aug 1, 2018.
29. Xiaotian Pan, Fan Yang, Shenheng Xu and Maokun Li, "An X-band Reconfigurable Reflectarray Antenna with Steerable Monopulse Patterns," 2018 International Applied Computational Electromagnetics Society Symposium in China (ACES-China 2018), Beijing, China, Jul. 29-Aug 1, 2018.
30. Ke Zhang, Maokun Li, Fan Yang, Shenheng Xu, Aria Abubakar, "Study on the Effect of Ribs on Electrical Impedance Tomography for Thorax Imaging (invited)," 2018 International Applied Computational Electromagnetics Society Symposium in China (ACES-China 2018), Beijing, China, Jul. 29-Aug 1, 2018.
31. Muchen Dai, Ke Zhang, Maokun Li, Fan Yang, Shenheng Xu, Yibing Wang, "A New Electrode Configuration Scheme in Electrical Impedance Tomography for Thorax Imaging (invited)," 2018 International Applied Computational Electromagnetics Society Symposium in China (ACES-China 2018), Beijing, China, Jul. 29-Aug 1, 2018.
32. Xunwang Dang, Maokun Li, Fan Yang, Shenheng Xu, "Extraction of Periodicity for Quasi-Periodic Electromagnetic Surfaces Using Equivalence Principle Algorithm," 2018

International Applied Computational Electromagnetics Society Symposium in China (ACES-China 2018), Beijing, China, Jul. 29-Aug 1, 2018.

33. Xunwang Dang, Maokun Li, Fan Yang and Shenheng Xu, Dan Jiao, "Quasi-Periodic Array Modeling Using Reduced Basis with H2-Matrix Algorithm (invited)," 2018 International Applied Computational Electromagnetics Society Symposium in China (ACES-China 2018), Beijing, China, Jul. 29-Aug 1, 2018.
34. Chunwang Xiang, Maokun Li, Fan Yang, Shenheng Xu, "Three-Dimensional Electromagnetic Modeling for Underwater Targets and Environmet," 2018 International Applied Computational Electromagnetics Society Symposium in China (ACES-China 2018), Beijing, China, Jul. 29-Aug 1, 2018.
35. Tao Shan, Maokun Li, Shenheng Xu, and Fan Yang, "Phase Prediction in Synthesis of Reflectarray Based on Deep Learning Technique," 2018 International Applied Computational Electromagnetics Society Symposium in China (ACES-China 2018), Beijing, China, Jul. 29-Aug 1, 2018.
36. Fan Yang, and Shenheng Xu, "Surface Electromagnetics and Its Application in Antenna Array Design," the 2018 International Symposium on Antennas and Propagation (ISAP 2018), Busan, Korea, Oct. 23-26, 2018.
37. Xiao Jia, Fan Yang, Guillaume Lavigne, Christophe Caloz, "Metasurface Absorbing Condition (MAC) for Computational Electromagnetics based on Susceptibility GSTCs", 20th Photonic North conference, Montreal, 2018.
38. Peiqin Liu, Le Chang, Yue Li, Zhijun Zhang, and Zhenghe Feng: 'Low Loss Millimeter Wave Antennas Using Modified Silicon Micromachining Process', 2018 Cross Strait Quad-Regional Radio Science and Wireless Technology Conference, Xuzhou, China, 2018. [CSQRSW 2018]
39. Yuefeng Hou, Yue Li, Peiqin Liu, Xiaolei Jiang, Zhijun Zhang, and Zhenghe Feng: 'Multi-Beam Antennas for Massive MIMO System with Vertical Spatial Filtering Technique', 2018 Cross Strait Quad-Regional Radio Science and Wireless Technology Conference, Xuzhou, China, 2018. [CSQRSW 2018]

40. Yue Li, Wangyu Sun and Yijing He: 'Low-Profile and Dual-polarized Microstrip Antennas', URSI Atlantic Radio Science Conference, Gran Canaria, 2018. (Young Scientist Award) [AT-RASC 2018]
41. Zengchao Qu, Yue Li, Yafang Yu and Peiqin Liu, 'A Reconfiguring Mobile Antenna for Reducing Hand Influence of Full Metal ID', IEEE International Conference on Microwave and Millimeter Wave Technology, Chengdu, China, 2018. [ICMMT 2018]
42. Yuefeng Hou, Yue Li, Zhijun Zhang, and Zhenghe Fneg, 'Sliding the Radiating Aperture of Multi-beam Transmitarray with Low Scan Loss', IEEE International Conference on Microwave and Millimeter Wave Technology, Chengdu, China, 2018. [ICMMT 2018]
43. Yijing He, Yue Li, Zhijun Zhang, and Zhenghe Fneg, 'Accurate Model of the Metasurface-loaded Waveguide', IEEE International Conference on Microwave and Millimeter Wave Technology, Chengdu, China, 2018. [ICMMT 2018]
44. Yijing He, Yue Li, Zhijun Zhang, Changjiang Deng and Zhenghe Fneg,, 'High-Gain and Low-Profile Microstrip Antenna Using Slot-loaded TM<sub>50</sub> Mode', IEEE International Wireless Symposium, Chengdu, China, 2018. [IWS 2018]