

# Bin Xia

## List of Publications by Year in descending order

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36  
papers

935  
citations

516710

16  
h-index

454955

30  
g-index

38  
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38  
docs citations

38  
times ranked

1468  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stem Cell-based Therapy Strategy for Hepatic Fibrosis by Targeting Intrahepatic Cells. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 77-93.	3.8	7
2	An Unequal Wilkinson Power Divider Based on Integrated Passive Device Technology and Parametric Model. <i>IEEE Microwave and Wireless Components Letters</i> , 2022, 32, 281-284.	3.2	3
3	Conductive Bridging-Based Memristive RF Switches on a Silicon Substrate. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022, 70, 24-34.	4.6	3
4	A New Gysel Out-of-Phase Power Divider With Arbitrary Power Dividing Ratio Based on Analysis Method of Equivalence of $N$ -Port Networks. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021, 69, 1335-1343.	4.6	3
5	Pro-angiogenic decellularized vessel matrix gel modified by silk fibroin for rapid vascularization of tissue engineering scaffold. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 1701-1713.	4.0	10
6	Comparative Analysis of Out-of-Band Power Handling Capacities for Lossy Filters. , 2021, , .		0
7	Influence of pH and DO on the ofloxacin degradation in water by UVA-LED/TiO <sub>2</sub> nanotube arrays photocatalytic fuel cell: mechanism, ROSs contribution and power generation. <i>Journal of Hazardous Materials</i> , 2020, 383, 121220.	12.4	40
8	A Novel Design of Compact Out-of-Phase Power Divider With Arbitrary Ratio. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020, 68, 5235-5243.	4.6	4
9	Association between fetal growth restriction and maternal exposure to polybrominated diphenyl ethers. <i>Ecotoxicology and Environmental Safety</i> , 2020, 198, 110623.	6.0	14
10	Cadmium Hydroxide: A Missing Non-Noble Metal Hydroxide Electrocatalyst for the Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2020, 3, 1305-1310.	5.1	20
11	A New Compact Power Divider Based on Capacitor Central Loaded Coupled Microstrip Line. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020, 68, 4249-4256.	4.6	11
12	A Parametric Model and Design of Integrated Passive Inductors. , 2020, , .		1
13	Prenatal vanadium exposure, cytokine expression, and fetal growth: A gender-specific analysis in Shanghai MCPC study. <i>Science of the Total Environment</i> , 2019, 685, 1152-1159.	8.0	14
14	Noncovalent phosphorylation of CoCr layered double hydroxide nanosheets with improved electrocatalytic activity for the oxygen evolution reaction. <i>Chemical Communications</i> , 2019, 55, 12076-12079.	4.1	20
15	Predicting gestational personal exposure to PM <sub>2.5</sub> from satellite-driven ambient concentrations in Shanghai. <i>Chemosphere</i> , 2019, 233, 452-461.	8.2	14
16	Personal exposure to PM <sub>2.5</sub> constituents associated with gestational blood pressure and endothelial dysfunction. <i>Environmental Pollution</i> , 2019, 250, 346-356.	7.5	49
17	Low-intensity pulsed ultrasound combination with induced pluripotent stem cells-derived neural crest stem cells and growth differentiation factor 5 promotes sciatic nerve regeneration and functional recovery. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 625-636.	2.7	33
18	Dual-Band Fabry-Perot Resonator Antenna Based on Hybrid Graphene-Metal Structure. , 2019, , .		0

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19	In utero and lactational exposure of DEHP increases the susceptibility of prostate carcinogenesis in male offspring through PSCA hypomethylation. <i>Toxicology Letters</i> , 2018, 292, 78-84.	0.8	19
20	Evaluating effects of prenatal exposure to phthalates on neonatal birth weight: Structural equation model approaches. <i>Chemosphere</i> , 2018, 205, 674-681.	8.2	28
21	An Absorptive Balanced-to-Balanced Power Divider. <i>IEEE Access</i> , 2018, 6, 14613-14619.	4.2	10
22	Dual-delivery of VEGF and NGF by emulsion electrospun nanofibrous scaffold for peripheral nerve regeneration. <i>Materials Science and Engineering C</i> , 2018, 82, 253-264.	7.3	102
23	Degradation of ofloxacin by UVA-LED/TiO <sub>2</sub> nanotube arrays photocatalytic fuel cells. <i>Chemical Papers</i> , 2018, 72, 359-368.	2.2	13
24	Phthalate exposure and childhood overweight and obesity: Urinary metabolomic evidence. <i>Environment International</i> , 2018, 121, 159-168.	10.0	79
25	Gene expression profiling analysis of the effects of low-intensity pulsed ultrasound on induced pluripotent stem cell-derived neural crest stem cells. <i>Biotechnology and Applied Biochemistry</i> , 2017, 64, 927-937.	3.1	17
26	Exposure to particulate air pollution during early pregnancy is associated with placental DNA methylation. <i>Science of the Total Environment</i> , 2017, 607-608, 1103-1108.	8.0	71
27	An approach to 1-to-3 way microstrip balanced-to-balanced power divider/combiner. , 2017, , .		1
28	Effect of Mono-2-ethylhexyl Phthalate on DNA Methylation in Human Prostate Cancer LNCaP Cells. <i>Biomedical and Environmental Sciences</i> , 2017, 30, 641-648.	0.2	2
29	In vivo repair of rat transected sciatic nerve by low-intensity pulsed ultrasound and induced pluripotent stem cells-derived neural crest stem cells. <i>Biotechnology Letters</i> , 2015, 37, 2497-2506.	2.2	46
30	A new quad-band Wilkinson power divider. <i>Journal of Electromagnetic Waves and Applications</i> , 2014, 28, 1622-1634.	1.6	6
31	A Balanced-to-Balanced Power Divider With Arbitrary Power Division. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2013, 61, 2831-2840.	4.6	76
32	Collaborative Design of a New Dual-Bandpass 180° Hybrid Coupler. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2013, 61, 1053-1066.	4.6	32
33	A independently controllable dual band filter. , 2012, , .		0
34	A New Balanced-to-Balanced Power Divider/Combiner. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2012, 60, 2791-2798.	4.6	102
35	A Half-Mode Substrate Integrated Waveguide Ring for Two-Way Power Division of Balanced Circuit. <i>IEEE Microwave and Wireless Components Letters</i> , 2012, 22, 333-335.	3.2	56
36	Carbon distribution and fluxes of 16 rivers discharging into the Bohai Sea in summer. <i>Acta Oceanologica Sinica</i> , 2011, 30, 43-54.	1.0	27