

# Liang Guo

## List of Publications by Year in descending order

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15  
papers

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citations

1478505

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1058476

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Room temperature ammonia gas sensor based on polyaniline/copper ferrite binary nanocomposites. <i>Sensors and Actuators B: Chemical</i> , 2020, 322, 128615.	7.8	75
2	Magneto-Acousto-Electrical Tomography With Magnetic Induction for Conductivity Reconstruction. <i>IEEE Transactions on Biomedical Engineering</i> , 2015, 62, 2114-2124.	4.2	41
3	The Status Quo and Ways of STEAM Education Promoting China's Future Social Sustainable Development. <i>Sustainability</i> , 2018, 10, 4417.	3.2	18
4	Complex-Valued Pix2pix-Deep Neural Network for Nonlinear Electromagnetic Inverse Scattering. <i>Electronics (Switzerland)</i> , 2021, 10, 752.	3.1	16
5	How to Promote University Students to Innovative Use Renewable Energy? An Inquiry-Based Learning Course Model. <i>Sustainability</i> , 2021, 13, 1418.	3.2	11
6	The study on the inverse problem of applied current thermoacoustic imaging based on generative adversarial network. <i>Scientific Reports</i> , 2021, 11, 22947.	3.3	7
7	Conductivity reconstruction algorithms and numerical simulations for magneto-acousto-electrical tomography with piston transducer in scan mode. <i>Chinese Physics B</i> , 2014, 23, 104303.	1.4	6
8	Vector Based Reconstruction Method in Magneto-Acousto-Electrical Tomography with Magnetic Induction. <i>Chinese Physics Letters</i> , 2015, 32, 094301.	3.3	6
9	Difference frequency magnetoacoustic tomography without static magnetic field. <i>Applied Physics Express</i> , 2015, 8, 086601.	2.4	6
10	Forward Procedure of Magneto-Acousto-Electric Signal in Radially Stratified Medium of Conductivity for Logging Models. <i>Chinese Physics Letters</i> , 2013, 30, 124303.	3.3	3
11	Non-equilibrium plasma jet induced thermo-acoustic resistivity imaging for higher contrast and resolution. <i>Scientific Reports</i> , 2017, 7, 9475.	3.3	2
12	A Non-Iterative Method Combined with Neural Network Embedded in Physical Model to Solve the Imaging of Electromagnetic Inverse Scattering Problem. <i>Electronics (Switzerland)</i> , 2021, 10, 3104.	3.1	2
13	Study on Reciprocal Models for Magneto-Acousto-Electrical Tomography With Coil Detection. <i>IEEE Access</i> , 2019, 7, 154076-154083.	4.2	1
14	Incremental distorted multiplicative regularized contrast source inversion for inhomogeneous background: The case of TM data. <i>Electromagnetics</i> , 2020, 40, 445-461.	0.7	1
15	Development of the pulse magnetic field excitation system in magnetoacoustic tomography. , 2015, , .		0