

# Lulu Song

## List of Publications by Year in descending order

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12  
papers

473  
citations

840585

11  
h-index

1199470

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Research advances in composition, structure and mechanisms of microwave absorbing materials. Composites Part B: Engineering, 2021, 224, 109173.	5.9	141
2	Transformation between nanosheets and nanowires structure in MnO <sub>2</sub> upon providing Co <sup>2+</sup> ions and applications for microwave absorption. Nano Research, 2020, 13, 95-104.	5.8	70
3	Heterogeneous nucleation promoting formation and enhancing microwave absorption properties in hierarchical sandwich-like polyaniline/graphene oxide induced by mechanical agitation. Composites Science and Technology, 2019, 182, 107780.	3.8	52
4	Constructing sandwich-like polyaniline/graphene oxide composites with tunable conjugation length toward enhanced microwave absorption. Organic Electronics, 2018, 63, 175-183.	1.4	45
5	Assembled Ag-doped $\hat{\Gamma}$ -MnO <sub>2</sub> @ $\hat{\Gamma}$ -MnO <sub>2</sub> nanocomposites with minimum lattice mismatch for broadband microwave absorption. Composites Part B: Engineering, 2020, 199, 108318.	5.9	38
6	Doping strategy to boost electromagnetic property and gigahertz tunable electromagnetic attenuation of hetero-structured manganese dioxide. Dalton Transactions, 2019, 48, 2407-2421.	1.6	29
7	Promoting defect formation and microwave loss properties in $\hat{\Gamma}$ -MnO <sub>2</sub> via Co doping: A first-principles study. Computational Materials Science, 2017, 138, 288-294.	1.4	28
8	Fe-Doped MnO <sub>2</sub> Nanostructures for Attenuation-Boosted Microwave Absorption. ACS Applied Nano Materials, 2022, 5, 2738-2747.	2.4	22
9	Charge-transfer mobility and electrical conductivity of PANI as conjugated organic semiconductors. Journal of Chemical Physics, 2017, 147, 114905.	1.2	15
10	Insight into electromagnetic absorbing performance of MnO <sub>2</sub> from two dimensions: Crystal structure and morphology design. Materials Characterization, 2020, 163, 110300.	1.9	15
11	Enhanced thermal stability and dielectric performance of $\hat{\Gamma}$ -MnO <sub>2</sub> by Ni <sup>2+</sup> doping. Journal of Materials Science: Materials in Electronics, 2019, 30, 15362-15370.	1.1	12
12	Tunable dielectric response and electronic conductivity of potassium-ion-doped tunnel-structured manganese oxides. Journal of Applied Physics, 2018, 123, 214101.	1.1	6