

# Guoke Wei

## List of Publications by Year in descending order

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14  
papers

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citations

1478505

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docs citations

14  
times ranked

224  
citing authors

#	ARTICLE	IF	CITATIONS
1	The dielectric behavior and efficient microwave absorption of doped nanoscale LaMnO <sub>3</sub> at elevated temperature. Nano Research, 2022, 15, 7731-7741.	10.4	65
2	Ordered Silver and Copper Nanorod Arrays for Enhanced Raman Scattering Created via Guided Oblique Angle Deposition on Polymer. Journal of Physical Chemistry C, 2014, 118, 4878-4884.	3.1	31
3	Surface plasmon enhanced energy transfer between gold nanorods and fluorophores: application to endocytosis study and RNA detection. Faraday Discussions, 2015, 178, 383-394.	3.2	25
4	Enhanced microwave absorption of barium cobalt hexaferrite composite with improved bandwidth via c-plane alignment. Journal of Magnetism and Magnetic Materials, 2019, 471, 267-273.	2.3	25
5	Hairpin DNA-functionalized gold nanorods for mRNA detection in homogenous solution. Journal of Biomedical Optics, 2016, 21, 097001.	2.6	18
6	Electromagnetic enhancement of ordered silver nanorod arrays evaluated by discrete dipole approximation. Beilstein Journal of Nanotechnology, 2015, 6, 686-696.	2.8	8
7	Large-scale synthesis and excellent microwave absorption of highly-dispersed Fe nanoparticles via RF thermal plasma. Materials Research Express, 2018, 5, 086105.	1.6	6
8	Revealing the photophysics of gold-nanobeacons via time-resolved fluorescence spectroscopy. Optics Letters, 2015, 40, 5738.	3.3	5
9	Facile synthesis of monodisperse ultrasmall Fe <sub>3</sub> O <sub>4</sub> nanoparticles on graphene nanosheets with excellent microwave absorption performance. Journal of Materials Science: Materials in Electronics, 2021, 32, 25852-25862.	2.2	3
10	In situ growth of nanocarbon-coated Ni particles by PECVD for enhanced microwave absorption. Journal of Materials Science: Materials in Electronics, 0, , .	2.2	2
11	Fabrication and Photoluminescence of Er <sup>3+</sup> -Doped Al <sub>2</sub> O <sub>3</sub> Thin Films with Sol-Gel Method. Journal of Nanoscience and Nanotechnology, 2011, 11, 11147-11150.	0.9	1
12	Improved Microwave Absorbing Performance in High Frequency Range of Iron Nanoparticles After Coating by SiO <sub>2</sub> Nanoshell. Journal of Electronic Materials, 2020, 49, 6428-6435.	2.2	1
13	Fabrication and photoluminescence of Er-doped Al <sub>2</sub> O <sub>3</sub> thin films deposited by sol-gel method. , 2010, , .		0
14	Study on the structural and photoluminescence properties of Er-doped ZnO films. , 2010, , .		0