

Liu Yun

List of Publications by Year in descending order

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19
papers

1,484
citations

706676

14
h-index

889612

19
g-index

19
all docs

19
docs citations

19
times ranked

1760
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive camouflage achieved by an artificial chameleon robot. <i>Matter</i> , 2022, 5, 2397-2399.	5.0	8
2	A dual responsive photonic liquid for independent modulation of color brightness and hue. <i>Materials Horizons</i> , 2021, 8, 2032-2040.	6.4	42
3	Thickness-dependent wrinkling of PDMS films for programmable mechanochromic responses. <i>Nano Research</i> , 2020, 13, 1882-1888.	5.8	41
4	Low-Cost Carbothermal Reduction Preparation of Monodisperse Fe ₃ O ₄ /C Core-Shell Nanosheets for Improved Microwave Absorption. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 16511-16520.	4.0	231
5	Monodisperse Ni _x Fe _{3-x} O ₄ nanospheres: Metal-ion-steered size/composition control mechanism, static magnetic and enhanced microwave absorbing properties. <i>Applied Surface Science</i> , 2017, 404, 40-48.	3.1	42
6	Tunable dielectric properties and excellent microwave absorbing properties of elliptical Fe ₃ O ₄ nanorings. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	131
7	Facile Hydrothermal Synthesis of Fe ₃ O ₄ /C Core-Shell Nanorings for Efficient Low-Frequency Microwave Absorption. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 7370-7380.	4.0	522
8	Excellent microwave-absorbing properties of elliptical Fe ₃ O ₄ nanorings made by a rapid microwave-assisted hydrothermal approach. <i>Nanotechnology</i> , 2016, 27, 165707.	1.3	69
9	Controllable synthesis of elliptical Fe ₃ O ₄ @C and Fe ₃ O ₄ /Fe@C nanorings for plasmon resonance-enhanced microwave absorption. <i>Journal of Materials Chemistry C</i> , 2016, 4, 7316-7323.	2.7	150
10	Effects of crystal size and sphere diameter on static magnetic and electromagnetic properties of monodisperse Fe ₃ O ₄ microspheres. <i>Materials Chemistry and Physics</i> , 2016, 173, 152-160.	2.0	64
11	H ₂ O-steered size/phase evolution and magnetic properties of large-scale, monodisperse Fe _x O _y nanomaterials. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5506-5515.	2.7	38
12	Enhanced microwave electromagnetic characteristics of porous ZnO/Ni/Zn _{1-y} Fe _{3y} O ₄ hybrid micro-hexahedra. <i>Materials Chemistry and Physics</i> , 2015, 163, 1-10.	2.0	12
13	High-quality elliptical iron glycolate nanosheets: selective synthesis and chemical conversion into Fe _x O _y nanorings, porous nanosheets, and nanochains with enhanced visible-light photocatalytic activity. <i>Nanoscale</i> , 2015, 7, 16493-16503.	2.8	52
14	Easy gas-flow-induced CVD synthesis and tunable electromagnetic characteristics of centipede-shaped iron/cementite/multiwalled carbon nanotube (Fe/Fe ₃ C/MWCNT) heterostructures. <i>Surface and Coatings Technology</i> , 2015, 283, 286-297.	2.2	27
15	Selective synthesis and shape-dependent microwave electromagnetic properties of polymorphous ZnO complex architectures. <i>Journal of Materials Research</i> , 2014, 29, 649-656.	1.2	16
16	In situ gas bubble-assisted one-step synthesis of polymorphic Co ₃ O ₄ nanostructures with improved electrochemical performance for lithium ion batteries. <i>Journal of Alloys and Compounds</i> , 2014, 601, 167-174.	2.8	27
17	Photochromic azo polysemicarbazides with biocompatibility behavior. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2010, 25, 979-983.	0.4	1
18	Synthesis and characterization of soluble aromatic azopolyamides containing sulfone and ether units. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2009, 24, 594-598.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Synthesis and characterization of novel fluorinated azopolyamides. Polymer Bulletin, 2008, 61, 569-580.	1.7	10