

Wei Wang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3108906/wei-wang-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63
papers

2,060
citations

24
h-index

45
g-index

65
ext. papers

2,852
ext. citations

6.9
avg, IF

5.59
L-index

#	Paper	IF	Citations
63	Micro-flower like Core-shell structured ZnCo@C@1T-2H-MoS composites for broadband electromagnetic wave absorption and photothermal performance.. <i>Journal of Colloid and Interface Science</i> , 2022 , 622, 261-271	9.3	0
62	PVP modified rGO/CoFe ₂ O ₄ magnetic adsorbents with a unique sandwich structure and superior adsorption performance for anionic and cationic dyes. <i>Separation and Purification Technology</i> , 2022 , 286, 120484	8.3	2
61	Designing Z-scheme CdS/WS ₂ heterojunctions with enhanced photocatalytic degradation of organic dyes and photoreduction of Cr (VI): Experiments, DFT calculations and mechanism. <i>Separation and Purification Technology</i> , 2022 , 291, 120976	8.3	4
60	Implanting N-doped CQDs into rGO aerogels with diversified applications in microwave absorption and wastewater treatment. <i>Chemical Engineering Journal</i> , 2022 , 136475	14.7	0
59	Anisotropic, multifunctional and lightweight CNTs@CoFe ₂ O ₄ /polyimide aerogels for high efficient electromagnetic wave absorption and thermal insulation. <i>Chemical Engineering Journal</i> , 2022 , 442, 136388	14.7	1
58	3D porous coral-like CoNiO microspheres embedded into reduced graphene oxide aerogels with lightweight and broadband microwave absorption. <i>Journal of Colloid and Interface Science</i> , 2021 , 609, 12-22	9.3	5
57	Current advances of Polyurethane/Graphene composites and its prospects in synthetic leather: A review. <i>European Polymer Journal</i> , 2021 , 161, 110837	5.2	2
56	Achieving super-broad effective absorption bandwidth with low filler loading for graphene aerogels/raspberry-like CoFeO clusters by N doping. <i>Journal of Colloid and Interface Science</i> , 2021 , 590, 186-198	9.3	29
55	Topological transformation strategy for layered double hydroxide@carbon nanofibers as highly efficient electromagnetic wave absorber. <i>Journal of Alloys and Compounds</i> , 2021 , 867, 159046	5.7	8
54	Constructing multiple heterogeneous interfaces in the composite of bimetallic MOF-derivatives and rGO for excellent microwave absorption performance. <i>Carbon</i> , 2021 , 173, 1059-1072	10.4	33
53	. <i>IEEE Transactions on Magnetism</i> , 2021 , 57, 1-5	2	
52	Hollow Ni/C microsphere@graphene foam with dual-spatial and porous structure on the microwave absorbing performance. <i>Journal of Alloys and Compounds</i> , 2021 , 873, 159811	5.7	12
51	A Three-Dimensional sp Carbon-Conjugated Covalent Organic Framework. <i>Journal of the American Chemical Society</i> , 2021 , 143, 15562-15566	16.4	13
50	3D core-shell FeO@SiO ₂ @MoS ₂ composites with enhanced microwave absorption performance. <i>Journal of Colloid and Interface Science</i> , 2021 , 604, 537-549	9.3	18
49	A novel MOF-driven self-decomposition strategy for CoO@N/C-Co/Ni-NiCo ₂ O ₄ multi-heterostructure composite as high-performance electromagnetic wave absorbing materials. <i>Chemical Engineering Journal</i> , 2021 , 426, 131667	14.7	6
48	Lightweight and robust cobalt ferrite/carbon nanotubes/waterborne polyurethane hybrid aerogels for efficient microwave absorption and thermal insulation. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 12201-12212	7.1	5
47	3D Nest-Like Architecture of Core-Shell CoFeO@1T/2H-MoS ₂ Composites with Tunable Microwave Absorption Performance. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 11252-11264	9.5	90

46	CoFe ₂ O ₄ /N-doped reduced graphene oxide aerogels for high-performance microwave absorption. <i>Chemical Engineering Journal</i> , 2020 , 388, 124317	14.7	125
45	Achieving effective control of the photocatalytic performance for CoFe ₂ O ₄ /MoS ₂ heterojunction via exerting external magnetic fields. <i>Materials Letters</i> , 2020 , 260, 126979	3.3	14
44	High-efficiency and selective adsorption of organic pollutants by magnetic CoFe ₂ O ₄ /graphene oxide adsorbents: Experimental and molecular dynamics simulation study. <i>Separation and Purification Technology</i> , 2020 , 238, 116400	8.3	72
43	PVP-encapsulated CoFe ₂ O ₄ /rGO composites with controllable electromagnetic wave absorption performance. <i>Chemical Engineering Journal</i> , 2019 , 373, 755-766	14.7	110
42	Effects of a high DC magnetic field on spin reorientation in dysprosium- yttrium iron garnets at low temperatures. <i>AIP Advances</i> , 2019 , 9, 035326	1.5	0
41	Paramagnetic CoS ₂ @MoS ₂ core-shell composites coated by reduced graphene oxide as broadband and tunable high-performance microwave absorbers. <i>Chemical Engineering Journal</i> , 2019 , 378, 122159	14.7	105
40	Formation of Samarium Ferrites With Controllable Morphology by Changing the Addition of KOH. <i>IEEE Transactions on Magnetics</i> , 2019 , 55, 1-5	2	0
39	Synthesis of nonstoichiometric Co _{0.8} Fe _{2.2} O ₄ /reduced graphene oxide (rGO) nanocomposites and their excellent electromagnetic wave absorption property. <i>Journal of Alloys and Compounds</i> , 2019 , 774, 997-1008	5.7	41
38	A general approach to homogeneous sub-nanometer metallic particle/graphene composites by S-coordinator. <i>Solid State Communications</i> , 2018 , 273, 17-22	1.6	
37	3D CoFe ₂ O ₄ nanorod/flower-like MoS ₂ nanosheet heterojunctions as recyclable visible light-driven photocatalysts for the degradation of organic dyes. <i>Applied Surface Science</i> , 2018 , 447, 711-723	6.7	68
36	Facile synthesis and high-frequency performance of CoFe ₂ O ₄ nanocubes with different size. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 451, 793-798	2.8	20
35	Observation of Interpenetration Isomerism in Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6763-6766	16.4	75
34	Facile synthesis of rGO/SmFe ₅ O ₁₂ /CoFe ₂ O ₄ ternary nanocomposites: Composition control for superior broadband microwave absorption performance. <i>Applied Surface Science</i> , 2018 , 453, 464-476	6.7	54
33	Molecular Dynamics Simulation Insight Into Two-Component Solubility Parameters of Graphene and Thermodynamic Compatibility of Graphene and Styrene Butadiene Rubber. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 10163-10173	3.8	33
32	A novel poly(m-phenylenediamine)/reduced graphene oxide/nickel ferrite magnetic adsorbent with excellent removal ability of dyes and Cr(VI). <i>Journal of Alloys and Compounds</i> , 2017 , 722, 532-543	5.7	58
31	A Dynamic Three-Dimensional Covalent Organic Framework. <i>Journal of the American Chemical Society</i> , 2017 , 139, 4995-4998	16.4	136
30	A phytic acid modified CoFe ₂ O ₄ magnetic adsorbent with controllable morphology, excellent selective adsorption for dyes and ultra-strong adsorption ability for metal ions. <i>Chemical Engineering Journal</i> , 2017 , 330, 936-946	14.7	71
29	Achieving a high cutting-off frequency in the oriented CoFe ₂ O ₄ nanocubes. <i>Applied Physics Letters</i> , 2017 , 111, 133108	3.4	5

28	From nanosphere to nanorod: Tuning morphology, structure and performance of cobalt ferrites via Pr ³⁺ doping. <i>Chemical Engineering Journal</i> , 2016 , 306, 382-392	14.7	33
27	Effect of the rare-earth substitution on the structural, magnetic and adsorption properties in cobalt ferrite nanoparticles. <i>Ceramics International</i> , 2016 , 42, 4246-4255	5.1	103
26	Effect of polyacrylic acid addition on structure, magnetic and adsorption properties of manganese ferrite nanoparticles. <i>Powder Technology</i> , 2016 , 295, 59-68	5.2	24
25	PEG-assisted hydrothermal synthesis of CoFe ₂ O ₄ nanoparticles with enhanced selective adsorption properties for different dyes. <i>Applied Surface Science</i> , 2016 , 389, 1003-1011	6.7	83
24	Ethanol-assisted synthesis and adsorption property of flake-like NiFe ₂ O ₄ nanoparticles. <i>Ceramics International</i> , 2015 , 41, 13624-13629	5.1	17
23	Nonreciprocal TEM Mode Conversion Based on Photonic Crystal Fiber of Air Holes Filled With Magnetic Fluid Into a Terbium Gallium Garnet Fiber. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	10
22	Determination of the easy axis of magnetization in terbium-yttrium iron garnet Tb ₁ Y ₂ Fe ₅ O ₁₂ at low temperatures. <i>Physica B: Condensed Matter</i> , 2015 , 476, 129-131	2.8	2
21	Synthesis and high-efficiency methylene blue adsorption of magnetic PAA/MnFe ₂ O ₄ nanocomposites. <i>Applied Surface Science</i> , 2015 , 346, 348-353	6.7	76
20	Microstructure and magnetic properties of MFe ₂ O ₄ (M = Co, Ni, and Mn) ferrite nanocrystals prepared using colloid mill and hydrothermal method. <i>Journal of Applied Physics</i> , 2015 , 117, 17A328	2.5	51
19	Synthesis, characterization and adsorption capability for Congo red of CoFe ₂ O ₄ ferrite nanoparticles. <i>Journal of Alloys and Compounds</i> , 2015 , 640, 362-370	5.7	85
18	Synthesis and Characterization of Co ₂ N Ferrite Nanoparticles by Hydrothermal Method: A Comparative Study. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	4
17	Mean field analysis of the high temperature magnetic properties of terbium iron garnet in strong DC fields. <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 393, 437-444	2.8	7
16	Three-sublattice analyses on magnetic and magneto-optical properties of scandium substituted ytterbium iron garnet in high magnetic fields. <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 374, 333-337	2.8	4
15	Synthesis and characterization of gadolinium doped cobalt ferrite nanoparticles with enhanced adsorption capability for Congo Red. <i>Chemical Engineering Journal</i> , 2014 , 250, 164-174	14.7	159
14	Analysis on high-field magnetic properties of aluminum substituted rare-earth iron garnet at low temperatures. <i>Journal of Magnetism and Magnetic Materials</i> , 2014 , 360, 193-199	2.8	6
13	Rapid hydrothermal synthesis of magnetic Co _x Ni _{1-x} Fe ₂ O ₄ nanoparticles and their application on removal of Congo red. <i>Chemical Engineering Journal</i> , 2014 , 242, 226-233	14.7	101
12	Analysis on an abnormal behavior of magnetization in neodymium trifluoride at low temperatures. <i>Journal of Alloys and Compounds</i> , 2013 , 550, 71-74	5.7	
11	High-field magnetic properties in NdBe intermetallic compound. <i>Journal of Magnetism and Magnetic Materials</i> , 2013 , 331, 225-231	2.8	3

10	Synthesis and Characteristics of Superparamagnetic Co _{0.6} Zn _{0.4} Fe ₂ O ₄ Nanoparticles by a Modified Hydrothermal Method. <i>Journal of the American Ceramic Society</i> , 2013 , 96, 2245-2251	3.8	17
9	High-Temperature Magnetic Properties of Dysprosium Iron Garnet in Strong Magnetic Fields. <i>IEEE Transactions on Magnetics</i> , 2012 , 48, 3638-3640	2	9
8	Analysis on three-sublattice model of magnetic properties in rare-earth iron garnets under high magnetic fields. <i>Journal of Alloys and Compounds</i> , 2012 , 512, 128-131	5.7	13
7	High field magnetic anisotropy in praseodymium gallium garnet at low temperatures. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 1489-1492	5.7	3
6	Effect of cation size and disorder on the power loss of La _{0.7} (Ba _{1-x} Sr _x) _{0.3} MnO ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 1884-1888	2.8	2
5	Study of Mn ₃ O ₄ doping to improve the magnetic properties of MnZn ferrites. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2009 , 158, 35-39	3.1	10
4	Properties of exchange interaction in Yb ₃ Fe ₅ O ₁₂ under extreme conditions. <i>Journal of Magnetism and Magnetic Materials</i> , 2009 , 321, 3307-3310	2.8	5
3	Extension of the molecular-field theory on the magnetic behaviors in paramagnetic Dy ₃ Ga ₅ O ₁₂ . <i>Journal of Alloys and Compounds</i> , 2009 , 488, 23-26	5.7	5
2	Development of MnZn ferrites by combinatorial synthesis and high throughput screening method. <i>Journal of Alloys and Compounds</i> , 2008 , 463, 112-118	5.7	10
1	Nonlinear field dependence of the Faraday effect in neodymium gallium garnet under high magnetic field. <i>Physica B: Condensed Matter</i> , 2008 , 403, 1-4	2.8	3