Panpan Zhou

List of Publications by Year in Descending Order

67 papers	1,208 citations	16 h-index	33 g-index
67 ext. papers	1,474 ext. citations	3.4 avg, IF	4.7 L-index

#	Paper	IF	Citations
67	Multi-dimensional ordered mesoporous carbon/silica@Ni composite with hierarchical nanostructure for strong and broadband microwave absorption. *Carbon*, **2021**, 176, 209-218	10.4	19
66	Enhancement of upconversion luminescence intensity in NaMgF3:2.5%Yb3+, 0.5%Er3+ nanocrystals with Eu3+ doping. *Journal of Materials Science: Materials in Electronics*, **2021**, 32, 20882-20890	2.1	0
65	Facile synthesis of cobalt nanoparticles embedded in a rod-like porous carbon matrix with excellent electromagnetic wave absorption performance. *Ceramics International*, **2021**, 47, 643-653	5.1	11
64	Synthesis and enhanced supercapacitor performance of carbon self-doping graphitic carbon nitride/NiS electrode material. *Journal of the American Ceramic Society*, **2021**, 104, 1554-1567	3.8	9
63	Silica-Modified Ordered Mesoporous Carbon for Optimized Impedance-Matching Characteristic Enabling Lightweight and Effective Microwave Absorbers. *ACS Applied Materials & Interfaces*, **2020**, 12, 23252-23260	9.5	25
62	A highly active and stable cathode for oxygen reduction in intermediate-temperature solid oxide fuel cells. *Sustainable Energy and Fuels*, **2020**, 4, 1168-1179	5.8	8
61	Luminescence properties of double perovskite Gd2MgTiO6:Tb3+ phosphors by solid-state reaction method. *Journal of Materials Science: Materials in Electronics*, **2019**, 30, 17923-17932	2.1	3
60	The effect of ZnCl activation on microwave absorbing performance in walnut shell-derived nano-porous carbon.. *RSC Advances*, **2019**, 9, 9718-9728	3.7	25
59	The Luminescence Properties and Thermal Stability of a Green-Blue Color Tunable Sr2SiO4:Tb3+, Ce3+ Phosphor. *Electronic Materials Letters*, **2019**, 15, 18-26	2.9	2
58	Synthesis and luminescent characteristics of green-emitting (Sr1⊠Mx)2SiO4:Tb3+ (M = Ba, Ca) phosphors. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 7220-7226	2.1	1
57	Synthesis and luminescence properties of double perovskite Gd2MgTiO6:Eu3+ red phosphors for white light-emitting diodes. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 4122-4127	2.1	7
56	Experimental and theoretical studies on the stable synthesis of a laser protective coating material erbium oxysulfide. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 2406-2415	2.1	4
55	Phase controllable synthesis of NaMgF3:Yb3+, Er3+ nanocrystals with effective red upconversion luminescence. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 18320-18330	2.1	2
54	Different valence Sn doping - A simple way to detect oxygen concentration variation of ZnO quantum dots synthesized under ultrasonic irradiation. *Ultrasonics Sonochemistry*, **2017**, 38, 29-37	8.9	6
53	Adjusting the band structure and defects of ZnO quantum dots via tin doping. *RSC Advances*, **2017**, 7, 11345-11354	3.7	24
52	Lightweight and efficient microwave absorbing materials based on walnut shell-derived nano-porous carbon. *Nanoscale*, **2017**, 9, 7408-7418	7.7	305
51	The role of sodium compound fluxes used to synthesize Gd2O2S:Tb3+ by sulfide fusion method. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 2723-2730	2.1	5

50	Effect of reaction temperature and reaction time on the sizes and defects of Sn doped ZnO quantum dots synthesized under ultrasonic irradiation. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 12803-12815	2.1	2
49	The evolution and role of NH4Cl flux used to synthesize double perovskite BaLaMgSbO6: a potential red phosphor for white LEDs. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 5352-5359	2.1	
48	High sinterability nano-Y2O3 powders prepared via decomposition of hydroxyl-carbonate precursors for transparent ceramics. *Journal of Materials Science*, **2017**, 52, 8556-8567	4.3	23
47	Luminescence characteristics of single-phase white-emitting phosphor Sr2CeO4:Eu3+. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 10131-10138	2.1	2
46	A luminescent Terbium-Succinate MOF fabricated by co-precipitation for sensing of Fe3+ in aqueous environment. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 7326-7332	2.1	5
45	Enhanced absorbing property of Sm2O2S laser absorbent by doping Er3+/Tm3+. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 697-701	2.1	5
44	Effect of NH4Cl flux used to synthesize double perovskite BaLaMgSbO6:Eu3+ phosphor by solid-state reaction method. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 3373-3379	2.1	5
43	Activated porous carbon derived from walnut shells with promising material properties for supercapacitors. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 18637-18645	2.1	26
42	Laser absorption properties of Sm2(C2O4)3□10H2O prepared by coprecipitation method. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 17925-17931	2.1	
41	Laser and electromagnetic loss properties of Perovskite SmNixFe1−xO3. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 15050-15055	2.1	2
40	Biomass-derived porous carbon materials with NiS nanoparticles for high performance supercapacitors. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 14874-14883	2.1	17
39	Structural, magnetic and microwave absorption properties of Ni-doped ZnO nanofibers. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 2803-2811	2.1	5
38	Synthesis mechanism and microwave dielectric properties of Co0.5Ti0.5NbO4 ceramics. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 3380-3385	2.1	6
37	A novel spray co-precipitation method to prepare nanocrystalline Y2O3 powders for transparent ceramics. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 4684-4689	2.1	9
36	Efficient ferrite/Co/porous carbon microwave absorbing material based on ferrite@metal□organic framework. *Chemical Engineering Journal*, **2017**, 326, 945-955	14.7	165
35	Influence of charge compensators Li+/Na+/K+ on luminescence properties of Sr2CeO4:Eu3+. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 10207-10212	2.1	6
34	Electromagnetic loss properties of ZnO nanofibers. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 12846-12851	2.1	4
33	Effect of ZnO/Er2O3 addition on microwave properties of (Zr0.8Sn0.2)TiO4 ceramics. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 3929-3933	2.1	8

32	Dielectric properties of modified BNT/PTFE composites for microwave RF antenna applications. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 8378-8383	2.1	11
31	Enhanced luminescent intensity of Sr2SiO4:Tb3+ phosphors by charge compensation (Li+) addition. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 9448-9453	2.1	9
30	Fast synthesize ZnO quantum dots via ultrasonic method. *Ultrasonics Sonochemistry*, **2016**, 30, 103-12	8.9	35
29	Dy3+ doped thermally stable garnet-based phosphors: luminescence improvement by changing the host-lattice composition and co-doping Bi3+. *RSC Advances*, **2016**, 6, 32381-32388	3.7	15
28	1.06 μm laser absorption properties of Sm2O2S prepared by flux method. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 2379-2384	2.1	6
27	Effects of ZnO additive on crystalline phase and microwave dielectric properties of 0.90Al2O3–0.10TiO2 ceramics. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 2687-2692	2.1	5
26	Effect of α-Al2O3 additives on the microstructure of Y2O3 ceramics. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 3384-3389	2.1	12
25	Composition-induced tunable white emission in Ce/Tb/Eu co-doped lithium–barium borophosphate glasses. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 1473-1478	2.1	1
24	The evolution and role of Na2CO3 flux used to synthesize Er2O2S laser absorbent. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 11049-11054	2.1	2
23	High quantum yield ZnO quantum dots synthesizing via an ultrasonication microreactor method. *Ultrasonics Sonochemistry*, **2016**, 33, 106-117	8.9	30
22	Microstructure and microwave dielectric properties of Ba4.2Nd9.2Ti18−xSnxO54(x = 0, 0.25, 0.5, 1, 1.5, 2) ceramics. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 3375-3379	2.1	15
21	The effect of MWCNTs on the microwave electromagnetic properties of ferrite–MWCNTs composites. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 1895-1899	2.1	13
20	Dielectric properties of modified SrTiO3/PTFE composites for microwave RF antenna applications. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 7431-7437	2.1	14
19	Sintering characteristics and microwave dielectric properties of Ba(Co1/3Nb2/3)O3–MnO2 ceramics. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 1107-1112	2.1	3
18	Hydrothermal carbonization synthesis of BaZn2F16O27/carbon composite microwave absorbing materials and its electromagnetic performance. *Journal of Materials Science: Materials in Electronics* , **2015**, 26, 2538-2543	2.1	15
17	Influence of alkali metal compound fluxes on Gd2O2S:Tb particle and luminescence. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 1982-1986	2.1	10
16	Low loss (Ba1−xSrx)(Co1/3Nb2/3)O3 solid solution: phase evolution, microstructure and microwave dielectric properties. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 4273-4279	2.1	12
15	Enhanced luminescence and structure evolution of double perovskite (K, Na)LaMgWO6:Eu3+ phosphor for white LEDs. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 8083-8088	2.1	29

14	Enhancing luminescence of ZnO quantum dots by PEG and oleic acid via a sol–gel method. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 1113-1118	2.1	17
13	Effect of sintering aid ZnO–CeO2 on dielectric properties of (Zr0.8Sn0.2)TiO4 ceramics. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 9026-9030	2.1	15
12	Preparation and properties of a flexible night vision imaging system filter for avionic LED displays. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 2222-2229	2.1	2
11	Narrowing of ferromagnetic resonance linewidth in calcium substituted YIG powders by Zr4+/Sn4+ substitution. *Journal of Materials Science: Materials in Electronics*, **2014**, 25, 4517-4523	2.1	5
10	Effects of MnO2 doping on microstructure and microwave dielectric properties of Ba4.2Nd9.2Ti18O54–NdAlO3 ceramics. *Journal of Materials Science: Materials in Electronics*, **2014**, 25, 5264-5268	2.1	10
9	Effects of sintering process on microstructure and microwave dielectric properties of Ba(Co1/3Nb2/3)O3 ceramics. *Electronic Materials Letters*, **2014**, 10, 1121-1125	2.9	2
8	Microwave dielectric properties of high-Q Mg(Sn x Ti1–)O3 ceramics. *Electronic Materials Letters*, **2013**, 9, 331-335	2.9	10
7	Optical property of SmAlO3 applied as 1.06 μm laser absorbing material. *Journal of Rare Earths*, **2013**, 31, 1102-1105	3.7	8
6	Synthesis and photoluminescence of Eu3+-activated double perovskite NaGdMg(W, Mo)O6 as a potential red phosphor for solid state lighting. *Journal of Materials Chemistry C*, **2013**, 1, 54-57	7.1	103
5	The Evolution and Role of NH4Cl Flux Used to Synthesize Sr2SiO4:Dy3+ Phosphor by Solid-State Reaction Method. *Journal of the American Ceramic Society*, **2012**, 95, 3871-3877	3.8	17
4	Synthesis and co-luminescence properties of Tb3+-methacrylic acid-1,10-phenanthroline complexes doped with Eu3+. *Rare Metals*, **2012**, 31, 479-483	5.5	8
3	Electromagnetic and microwave absorbing properties of W-type barium ferrite doped with Gd3+. *Rare Metals*, **2011**, 30, 44-48	5.5	23
2	Preparation of water soluble acrylic resin adhesive for fluorescent lamps and its modification. *Rare Metals*, **2011**, 30, 657-660	5.5	4
1	Microstructure and microwave electromagnetic properties of Dy3+-doped W-type hexaferrites. *Rare Metals*, **2011**, 30, 505-509	5.5	1