Feng Gao

List of Publications by Year
in descending order

24 papers	472 citations	687363 13 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	354 citing authors

#	Article	IF	Citations
1	Fabrication of nano-layer-structure alumina powders from an alumina concentrate through an intensified Bayer process. Chemical Engineering and Processing: Process Intensification, 2022, 175, 108907.	3.6	2
2	Detection of Cd2+ in Aqueous Solution by the Fluorescent Probe of CdSe/CdS QDs Based on OFFâ€“ON Mode. Toxics, 2022, 10, 367.	3.7	9
3	The effect of ZnAl-LDHs-CO3 on the corrosion behaviour of Zn-5Al alloys in 3.5wt.% NaCl solution. Corrosion Science, 2021, 179, 109165.	6.6	38
4	Nd(III) and Gd(III) Sorption on Mesoporous Amine-Functionalized Polymer/SiO2 Composite. Molecules, 2021, 26, 1049.	3.8	13
5	Structure and magnetic properties of coprecipitated nickel-zinc ferrite-doped rare earth elements of Sc, Dy, and Gd. Journal of Materials Science: Materials in Electronics, 2021, 32, 13511-13526.	2.2	15
6	Recovery of magnesium from ferronickel slag to prepare hydrated magnesium sulfate by hydrometallurgy method. Journal of Cleaner Production, 2021, 303, 127049.	9.3	13
7	The Effects of Li+ Doping on Structure and Upconversion Luminescent Properties for Bi3.46Ho0.04Yb0.5Ti3O12: xLi Phosphors. Crystals, 2021, 11, 1220.	2.2	5
8	Tunable structure and intensive upconversion photoluminescence for Ho3+-Yb3+ codoped bismuth titanate composite synthesized by sol-gel-combustion (SGC) method. Ceramics International, 2020, 46, 3015-3022.	4.8	19
9	A novel nanocomposite based silica gel/graphene oxide for the selective separation and recovery of palladium from a spent industrial catalyst. Chemical Engineering Journal, 2020, 386, 123947.	12.7	49
10	Recovery of Scandium from Bauxite Residue by Selective Sulfation Roasting with Concentrated Sulfuric Acid and Leaching. Jom, 2020, 72, 816-822.	1.9	12
11	Selective extraction of scandium from bauxite residue using ammonium sulfate roasting and leaching process. Minerals Engineering, 2020, 157, 106561.	4.3	21
12	Solvent Extraction of Vanadium from Sodium Carbonateâ€“Sodium Bicarbonate Solution Using Aliquat-336. Mining, Metallurgy and Exploration, 2020, 37, 1667-1672.	0.8	0
13	Controlled preparation of cerium oxide loaded slag-based geopolymer microspheres (CeO2@SGMs) for the adsorptive removal and solidification of Fâ¯ from acidic waste-water. Journal of Hazardous Materials, 2020, 400, 123199.	12.4	40
14	In-situ observation of the growth behavior of ZnAl layered double hydroxide film using EQCM. Materials and Design, 2019, 180, 107952.	7.0	28
15	Synthesis of Fe2O3-modified porous geopolymer microspheres for highly selective adsorption and solidification of Fâ¯ from waste-water. Composites Part B: Engineering, 2019, 178, 107497.	12.0	43
16	Highly Efficient Separation/Recycling Palladium(II) Ions from Aqueous Solutions by Silica Gel-Coated Graphene Oxide Modified with Mercapto Groups. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2019, 50, 2747-2757.	2.1	6
17	Effect of CaO addition on phase formation in the Fe-Fe2O3-V2O3 system. Journal of Alloys and Compounds, 2019, 772, 955-960.	5.5	5
18	Comprehensive Recovery of Iron and Aluminum from Ordinary Bayer Red Mud by Reductive Sinteringâ€“Magnetic Separationâ€“Digesting Process. Jom, 2019, 71, 2936-2943.	1.9	29

#	Article	IF	Citations
19	Pure and strong red photoluminescence from Na 0.5 Gd 0.5 TiO 3 : Eu ferroelectric thin films under ultraviolet light excitation. Optical Materials, 2017, 64, 224-229.	3.6	5
20	White upconversion photoluminescence for Er3+â€“Tm3+â€“Yb3+ tri-codoped bismuth titanate ferroelectric thin films. Journal of Alloys and Compounds, 2014, 588, 158-162.	5.5	21
21	Strong Upconversion Photoluminescence and Large Ferroelectric Polarization in Er³⁺â€“Yb³⁺â€“W⁶⁺ Triply Substituted Bismuth Titanate Thin Films Prepared by Chemical Solution Deposition. Journal of the American Ceramic Society, 2011, 94, 3867-3870.	3.8	26
22	Combination of Strong Blue Up-Conversion Photoluminescence and Greatly Enhanced Ferroelectric Polarization in Tm3+-Yb3+-W6+- Doped Bi4Ti3O12 Thin Films. Journal of the Electrochemical Society, 2011, 158, G128.	2.9	26
23	Strong upconversion luminescence properties of Yb3+ and Er3+ codoped Bi4Ti3O12 ferroelectric thin films. Journal of Applied Physics, 2009, 106, 126104.	2.5	46
24	Fabrication of a TiC0.5O0.5 anode using the carbothermal method under a non-vacuum atmosphere and its application in metal titanium electrolysis. Journal of Materials Science: Materials in Electronics, 0, , 1.	2.2	1