

Feng Gao

List of Publications by Year in descending order

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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	A novel nanocomposite based silica gel/graphene oxide for the selective separation and recovery of palladium from a spent industrial catalyst. <i>Chemical Engineering Journal</i> , 2020, 386, 123947.	12.7	49
2	Strong upconversion luminescence properties of Yb ³⁺ and Er ³⁺ codoped Bi ₄ Ti ₃ O ₁₂ ferroelectric thin films. <i>Journal of Applied Physics</i> , 2009, 106, 126104.	2.5	46
3	Synthesis of Fe ₂ O ₃ -modified porous geopolymer microspheres for highly selective adsorption and solidification of Fâ ⁺ from waste-water. <i>Composites Part B: Engineering</i> , 2019, 178, 107497.	12.0	43
4	Controlled preparation of cerium oxide loaded slag-based geopolymer microspheres (CeO ₂ @SGMs) for the adsorptive removal and solidification of Fâ ⁺ from acidic waste-water. <i>Journal of Hazardous Materials</i> , 2020, 400, 123199.	12.4	40
5	The effect of ZnAl-LDHs-CO ₃ on the corrosion behaviour of Zn-5Al alloys in 3.5wt.% NaCl solution. <i>Corrosion Science</i> , 2021, 179, 109165.	6.6	38
6	Comprehensive Recovery of Iron and Aluminum from Ordinary Bayer Red Mud by Reductive Sinteringâ€“Magnetic Separationâ€“Digesting Process. <i>Jom</i> , 2019, 71, 2936-2943.	1.9	29
7	In-situ observation of the growth behavior of ZnAl layered double hydroxide film using EQCM. <i>Materials and Design</i> , 2019, 180, 107952.	7.0	28
8	Strong Upconversion Photoluminescence and Large Ferroelectric Polarization in Er ³⁺ /Yb ³⁺ /W ⁶⁺ Triply Substituted Bismuth Titanate Thin Films Prepared by Chemical Solution Deposition. <i>Journal of the American Ceramic Society</i> , 2011, 94, 3867-3870.	3.8	26
9	Combination of Strong Blue Up-Conversion Photoluminescence and Greatly Enhanced Ferroelectric Polarization in Tm ³⁺ -Yb ³⁺ -W ⁶⁺ -Doped Bi ₄ Ti ₃ O ₁₂ Thin Films. <i>Journal of the Electrochemical Society</i> , 2011, 158, G128.	2.9	26
10	White upconversion photoluminescence for Er ³⁺ /Tm ³⁺ /Yb ³⁺ tri-codoped bismuth titanate ferroelectric thin films. <i>Journal of Alloys and Compounds</i> , 2014, 588, 158-162.	5.5	21
11	Selective extraction of scandium from bauxite residue using ammonium sulfate roasting and leaching process. <i>Minerals Engineering</i> , 2020, 157, 106561.	4.3	21
12	Tunable structure and intensive upconversion photoluminescence for Ho ³⁺ -Yb ³⁺ codoped bismuth titanate composite synthesized by sol-gel-combustion (SGC) method. <i>Ceramics International</i> , 2020, 46, 3015-3022.	4.8	19
13	Structure and magnetic properties of coprecipitated nickel-zinc ferrite-doped rare earth elements of Sc, Dy, and Gd. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 13511-13526.	2.2	15
14	Nd(III) and Gd(III) Sorption on Mesoporous Amine-Functionalized Polymer/SiO ₂ Composite. <i>Molecules</i> , 2021, 26, 1049.	3.8	13
15	Recovery of magnesium from ferronickel slag to prepare hydrated magnesium sulfate by hydrometallurgy method. <i>Journal of Cleaner Production</i> , 2021, 303, 127049.	9.3	13
16	Recovery of Scandium from Bauxite Residue by Selective Sulfation Roasting with Concentrated Sulfuric Acid and Leaching. <i>Jom</i> , 2020, 72, 816-822.	1.9	12
17	Detection of Cd ²⁺ in Aqueous Solution by the Fluorescent Probe of CdSe/CdS QDs Based on OFFâ€“ON Mode. <i>Toxics</i> , 2022, 10, 367.	3.7	9
18	Highly Efficient Separation/Recycling Palladium(II) Ions from Aqueous Solutions by Silica Gel-Coated Graphene Oxide Modified with Mercapto Groups. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2019, 50, 2747-2757.	2.1	6

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19	Pure and strong red photoluminescence from Na _{0.5} Gd _{0.5} TiO ₃ :Eu ferroelectric thin films under ultraviolet light excitation. <i>Optical Materials</i> , 2017, 64, 224-229.	3.6	5
20	Effect of CaO addition on phase formation in the Fe-Fe ₂ O ₃ -V ₂ O ₃ system. <i>Journal of Alloys and Compounds</i> , 2019, 772, 955-960.	5.5	5
21	The Effects of Li ⁺ Doping on Structure and Upconversion Luminescent Properties for Bi _{3.46} Ho _{0.04} Yb _{0.5} Ti ₃ O ₁₂ :xLi Phosphors. <i>Crystals</i> , 2021, 11, 1220.	2.2	5
22	Fabrication of nano-layer-structure alumina powders from an alumina concentrate through an intensified Bayer process. <i>Chemical Engineering and Processing: Process Intensification</i> , 2022, 175, 108907.	3.6	2
23	Fabrication of a Ti _{0.5} O _{0.5} anode using the carbothermal method under a non-vacuum atmosphere and its application in metal titanium electrolysis. <i>Journal of Materials Science: Materials in Electronics</i> , 0, , 1.	2.2	1
24	Solvent Extraction of Vanadium from Sodium Carbonate "Sodium Bicarbonate Solution Using Aliquat-336. <i>Mining, Metallurgy and Exploration</i> , 2020, 37, 1667-1672.	0.8	0