

Liangshi Wang

List of Publications by Year in descending order

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papers

1,709
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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of crystalline mixed rare earth carbonates by Mg(HCO ₃) ₂ precipitation method. Journal of Rare Earths, 2020, 38, 292-298.	4.8	23
2	Simultaneous recovery of rare earth elements and phosphorus from phosphate rock by phosphoric acid leaching and selective precipitation: Towards green process. Journal of Rare Earths, 2019, 37, 652-658.	4.8	36
3	Precipitation-dissolution behaviors of rare earth ions in H ₃ PO ₄ Ca(H ₂ PO ₄) ₂ solutions. Journal of Rare Earths, 2019, 37, 520-527.	4.8	7
4	Process optimization of neodymium chloride solutions precipitated by magnesium bicarbonate. Journal of Rare Earths, 2019, 37, 437-442.	4.8	6
5	Thermal decomposition and oxidation of bastnaesite concentrate in inert and oxidative atmosphere. Journal of Rare Earths, 2018, 36, 758-764.	4.8	19
6	Recovery of rare earth elements from phosphate rock by hydrometallurgical processes – A critical review. Chemical Engineering Journal, 2018, 335, 774-800.	12.7	168
7	Simultaneous recovery of rare earths and uranium from wet process phosphoric acid using solvent extraction with D2EHPA. Hydrometallurgy, 2018, 175, 109-116.	4.3	81
8	Selective recovery of rare earth elements from ion-adsorption rare earth element ores by stepwise extraction with HEH(EHP) and HDEHP. Green Chemistry, 2017, 19, 1345-1352.	9.0	106
9	Recovery of rare earths and aluminum from FCC waste slag by acid leaching and selective precipitation. Journal of Rare Earths, 2017, 35, 1141-1148.	4.8	28
10	Aqueous stability of rare earth and thorium elements during hydrochloric acid leaching of roasted bastnaesite. Journal of Rare Earths, 2017, 35, 1255-1260.	4.8	17
11	Towards cleaner production of rare earth elements from bastnaesite in China. Journal of Cleaner Production, 2017, 165, 231-242.	9.3	99
12	The effect of powder grain size on the microstructure and electrical properties of 8 mol% Y ₂ O ₃ -stabilized ZrO ₂ . RSC Advances, 2017, 7, 39153-39159.	3.6	18
13	Recovery of rare earths and aluminum from FCC catalysts manufacturing slag by stepwise leaching and selective precipitation. Journal of Environmental Chemical Engineering, 2017, 5, 3711-3718.	6.7	21
14	Synthesis and characterization of high ionic conductivity ScSZ core/shell nanocomposites. Journal of Rare Earths, 2017, 35, 567-573.	4.8	11
15	Kinetics study on the leaching of rare earth and aluminum from FCC catalyst waste slag using hydrochloric acid. Hydrometallurgy, 2017, 171, 312-319.	4.3	40
16	The synthesis of metal-organic framework Al-MIL-53A-derived Brønsted acid catalyst and its application in the Mannich reaction. Applied Organometallic Chemistry, 2017, 31, e3569.	3.5	14
17	Adsorption ability of rare earth elements on clay minerals and its practical performance. Journal of Rare Earths, 2016, 34, 543-548.	4.8	103
18	Thermodynamics and kinetics of lutetium extraction with HEH(EHP) in hydrochloric acid medium. Journal of Rare Earths, 2016, 34, 300-307.	4.8	16

#	ARTICLE	IF	CITATIONS
19	Technology development for rare earth cleaner hydrometallurgy in China. <i>Rare Metals</i> , 2015, 34, 215-222.	7.1	163
20	Synthesis mechanism and gas-sensing application of nanosheet-assembled tungsten oxide microspheres. <i>Journal of Materials Chemistry A</i> , 2014, 2, 7927-7934.	10.3	153
21	Yttrium extraction from chloride solution with a synergistic system of 2-ethylhexyl phosphonic acid mono-(2-ethylhexyl) ester and bis(2,4,4-trimethylpentyl) phosphinic acid. <i>Hydrometallurgy</i> , 2014, 147-148, 7-12.	4.3	59
22	Kinetics of rare earth pre-loading with 2-ethylhexyl phosphoric acid mono 2-ethylhexyl ester [HEH(EHP)] using rare earth carbonates. <i>Separation and Purification Technology</i> , 2014, 122, 490-494.	7.9	22
23	Thermodynamics and kinetics of thorium extraction from sulfuric acid medium by HEH(EHP). <i>Hydrometallurgy</i> , 2014, 150, 167-172.	4.3	8
24	Study on non-saponification extraction process for rare earth separation. <i>Journal of Rare Earths</i> , 2013, 31, 512-516.	4.8	41
25	Eliminating ammonia emissions during rare earth separation through control of equilibrium acidity in a HEH(EHP)-Cl system. <i>Green Chemistry</i> , 2013, 15, 1889.	9.0	50
26	Toward greener comprehensive utilization of bastnaesite: Simultaneous recovery of cerium, fluorine, and thorium from bastnaesite leach liquor using HEH(EHP). <i>Chemical Engineering Journal</i> , 2013, 215-216, 162-167.	12.7	83
27	Kinetics of rare earth leaching from roasted ore of bastnaesite with sulfuric acid. <i>Transactions of Nonferrous Metals Society of China</i> , 2013, 23, 849-854.	4.2	53
28	Recovery of fluorine from bastnaesite as synthetic cryolite by-product. <i>Journal of Hazardous Materials</i> , 2012, 209-210, 77-83.	12.4	64
29	Centrifugal extraction of rare earths from wet-process phosphoric acid. <i>Rare Metals</i> , 2011, 30, 211-215.	7.1	28
30	Synthesis of La-hexaaluminate catalyst for methane combustion by a reverse SDS microemulsion. <i>Rare Metals</i> , 2011, 30, 337-342.	7.1	6
31	Recovery of rare earths from wet-process phosphoric acid. <i>Hydrometallurgy</i> , 2010, 101, 41-47.	4.3	149
32	Synthesis of hexaaluminate catalysts for methane combustion by reverse microemulsion medium. <i>Science in China Series B: Chemistry</i> , 2009, 52, 31-38.	0.8	7
33	La-Hexaaluminate Catalyst Preparation and Its Performance for Methane Catalytic Combustion. <i>Journal of Rare Earths</i> , 2006, 24, 690-694.	4.8	10