Liliya A Pasechnik

List of Publications by Year
in descending order

24	167	1307594 7	1125743 13
papers	citations	h-index	g-index

24	24	24	106
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extraction of Valuable Elements from Red Mud with a Focus on Using Liquid Mediaâ€"A Review. Recycling, 2021, 6, 38.	5.0	42
2	High purity scandium extraction from red mud by novel simple technology. Hydrometallurgy, 2021, 202, 105597.	4.3	24
3	A promising process for transformation of hematite to magnetite with simultaneous dissolution of alumina from red mud in alkaline medium. Hydrometallurgy, 2020, 196, 105438.	4.3	22
4	Recovery of sludge from alumina production. Russian Journal of Applied Chemistry, 2012, 85, 1649-1653.	0.5	14
5	Synthesis and crystal structure of 3R and 1Tâ€² polytypes of NH4Sc(SO4)2. Journal of Solid State Chemistry, 2017, 255, 50-60.	2.9	9
6	Carbonization processing of bauxite residue as an alternative rare metal recovery process. Tsvetnye Metally, 2020, , 56-63.	0.2	8
7	Complexing Properties of Scandium(III) in Alkaline Medium. Russian Journal of Applied Chemistry, 2004, 77, 1070-1073.	0.5	7
8	Polymorphism and properties of ammonium scandium sulfate (NH₄)₃Sc(SO₄)₃: new intermediate compound in scandium production. CrystEngComm, 2018, 20, 3772-3783.	2.6	7
9	Janus ZnS nanoparticles: Synthesis and photocatalytic properties. Journal of Physics and Chemistry of Solids, 2022, 161, 110459.	4.0	7
10	Composition and Properties of Iron Oxides in the Products of Hydrothermal Treatment of Red Mud and Bauxites. Russian Journal of Inorganic Chemistry, 2022, 67, 1101-1107.	1.3	6
11	Co-crystallization of red emitting (NH₄)₃Sc(SO₄)₃:Eu³⁺ microfibers: structureâ€"luminescence relationship for promising application in optical thermometry. CrystEngComm, 2022, 24, 4819-4830.	2.6	4
12	Bioactive coatings of porous materials: Fabrication and properties. Journal of Surface Investigation, 2017, 11, 107-113.	0.5	3
13	The Effect of Red Mud Treatment Method on the Sorption of Copper(II) Ions. Ecology and Industry of Russia, 2016, 20, 27-33.	0.4	3
14	Production of rich aluminum master alloys containing scandium, yttrium and zirconium for non-ferrous and ferrous metallurgy. Tsvetnye Metally, 2020, , 49-55.	0.2	2
15	Synthesis of nanosized silica from industrial waste and its characteristics. AIP Conference Proceedings, 2020, , .	0.4	2
16	Structural study of synthesized microcapsulated extractants using IR spectroscopy and electron microscopy. Journal of Structural Chemistry, 2010, 51, 137-141.	1.0	1
17	Interaction of REE ions with organophosphorous compounds microencapsulated in a porous polymer. Bulletin of the Russian Academy of Sciences: Physics, 2012, 76, 604-606.	0.6	1
18	Synthesis and certain properties of extraction microencapsulated systems. Russian Journal of Applied Chemistry, 2013, 86, 675-679.	0.5	1

#	Article	IF	Citations
19	Electrolytic recovery of gallium from alkali aluminate Bayer process solutions. Theoretical Foundations of Chemical Engineering, 2017, 51, 580-586.	0.7	1
20	Study of structural, spectroscopic and photo-oxidation properties of in-situ synthesized Sc-doped titania. Journal of Molecular Liquids, 2019, 284, 29-38.	4.9	1
21	Scandium extraction from multicomponent systems by crystallization of complex sulfates. IOP Conference Series: Materials Science and Engineering, 2020, 848, 012064.	0.6	1
22	A facile low-temperature deposition of Sn-rich tin (II) monosulfide colloid particles. Nanosystems: Physics, Chemistry, Mathematics, 2020, 11, 529-536.	0.4	1
23	Cycle of production of aluminum-scandium alloys and alloys. Tsvetnye Metally, 2020, , 68-73.	0.2	0
24	Improvement of extraction technology and electrotechnological equipment for obtaining gallium from alumina production solutions. Bulletin of the Karaganda University Chemistry Series, 0, , .	0.5	0