

Elena V Borodina

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Separation and preconcentration followed by ICP-OES and ICP-MS determination of precious metals using silica gel chemically modified with dithiocarbamate groups. <i>Separation Science and Technology</i> , 2020, 55, 2659-2669.	2.5	13
2	Interaction between gold(III) and mercapto and disulfide groups covalently bound to a silica gel surface. <i>Mendeleev Communications</i> , 2004, 14, 24-25.	1.6	12
3	Sorption-spectrometric determination of palladium and gold using silica chemically modified with dipropyl disulfide groups. <i>Journal of Analytical Chemistry</i> , 2014, 69, 413-419.	0.9	12
4	Silver(I) sorption by silica gels chemically modified with mercaptopropyl or dipropyl disulfide groups. <i>Russian Journal of Inorganic Chemistry</i> , 2006, 51, 565-568.	1.3	10
5	A new method for highly efficient separation and determination of arsenic species in natural water using silica modified with polyamines. <i>Analytica Chimica Acta</i> , 2021, 1178, 338824.	5.4	10
6	Biosorbents based on pine sawdust and malt sprouts for preconcentration and ICP-OES determination of nonferrous, heavy, and precious metals in the environmental samples. <i>Separation Science and Technology</i> , 2018, 53, 1654-1665.	2.5	9
7	Chemical differentiation of silver(I), gold(I), and palladium(II) complexes with dipropyl disulfide groups covalently bound to a silica surface and Michler's thioketone in solid-phase spectrophotometry. <i>Journal of Analytical Chemistry</i> , 2015, 70, 431-435.	0.9	6
8	Separation and Determination of Fe(III) and Fe(II) in Natural and Waste Waters Using Silica Gel Sequentially Modified with Polyhexamethylene Guanidine and Tiron. <i>Journal of Analytical Methods in Chemistry</i> , 2017, 2017, 1-9.	1.6	5
9	Formation of Copper(I) mixed-ligand complexes with mercaptopropyl or dipropyl disulfide groups covalently bonded to the silica surface and Michler's thioketone. <i>Russian Journal of Inorganic Chemistry</i> , 2009, 54, 81-85.	1.3	4
10	Novel silica-based adsorbent layer-by-layer modified with polyhexamethylene guanidine and Arsenazo reagents for solid-phase extraction of lanthanides from lignites and products of their processing. <i>Separation Science and Technology</i> , 2021, 56, 1510-1519.	2.5	4
11	Silicas Chemically Modified with Sulfur-Containing Groups for Separation and Preconcentration of Precious Metals Followed by Spectrometric Determination. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 481.	2.0	4
12	Speciation of inorganic selenium in natural water by <i>in situ</i> solid-phase extraction using functionalized silica. <i>Analytical Methods</i> , 2022, 14, 2771-2781.	2.7	3
13	Reactions of osmium in various oxidation states with mercaptopropyl and aminopropyl groups simultaneously attached to a silica gel surface. <i>Mendeleev Communications</i> , 2013, 23, 90-91.	1.6	1
14	Adsorption Separation of Arsenic(III) and Arsenic(V) using Functionalized Silica Gels. <i>Journal of Siberian Federal University: Chemistry</i> , 2021, 14, 477-488.	0.7	0