Anne Boos

List of Publications by Year
in descending order

42 papers	765 citations	623734 14 h-index	552781 26 g-index
42 all docs	42 docs citations	42 times ranked	1302 citing authors

#	Article	IF	Citations
1	A Ruthenium-Containing Organometallic Compound Reduces Tumor Growth through Induction of the Endoplasmic Reticulum Stress GeneCHOP. Cancer Research, 2009, 69, 5458-5466.	0.9	201
2	The PvdRTâ€OpmQ efflux pump controls the metal selectivity of the iron uptake pathway mediated by the siderophore pyoverdine in Pseudomonas aeruginosa. Environmental Microbiology, 2012, 14, 1696-1708.	3.8	50
3	Towards Fluoride Sensing with Positively Charged Lanthanide Complexes. European Journal of Inorganic Chemistry, 2010, 2010, 2735-2745.	2.0	45
4	Cadmium removal by a low-cost magadiite-based material: Characterization and sorption applications. Journal of Environmental Chemical Engineering, 2018, 6, 5351-5360.	6.7	44
5	Competitive adsorption of Cu (II) and Zn (II) on impregnate raw Algerian bentonite and efficiency of extraction. Applied Clay Science, 2018, 151, 118-123.	5.2	32
6	Kinetic and equilibrium studies of lead(II) adsorption from aqueous media by KIT-6 mesoporous silica functionalized with â€“COOH. Comptes Rendus Chimie, 2014, 17, 869-880.	0.5	30
7	Sorption of europium(III) and copper(II) by a mesostructured silica doped with acyl-hydroxypyrazole derivatives. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 287, 1-9.	4.7	29
8	Study on the extraction of lanthanides by a mesoporous MCM-41 silica impregnated with Cyanex 272. Separation and Purification Technology, 2019, 209, 359-367.	7.9	25
9	Highly chelating stellate mesoporous silica nanoparticles for specific iron removal from biological media. Journal of Colloid and Interface Science, 2020, 579, 140-151.	9.4	19
10	Optical properties of Co2+-doped silica gel monoliths. Journal of Non-Crystalline Solids, 1994, 176, 172-178.	3.1	17
11	Î²-diketone functionalized SBA-15 and SBA-16 for rapid liquidâ€“solid extraction of copper. Journal of Porous Materials, 2015, 22, 511-520.	2.6	17
12	Dendron based antifouling, MRI and magnetic hyperthermia properties of different shaped iron oxide nanoparticles. Nanotechnology, 2019, 30, 374002.	2.6	16
13	Investigation of the surfactants in CTAB-templated mesoporous silica by 1H HRMAS NMR. Microporous and Mesoporous Materials, 2003, 66, 27-36.	4.4	15
14	Solvent extraction of lanthanum(III), europium(III) and lutetium(III) by bis(4-acyl-5-hydroxypyrazoles) derivatives. Separation and Purification Technology, 2006, 50, 220-228.	7.9	15
15	Preparation and characterisation of silica monoliths using a triblock copolymer (F68) as porogen. Journal of Colloid and Interface Science, 2009, 340, 225-229.	9.4	14
16	Consequences of trace metal cocktail exposure in zebra finch (Taeniopygia guttata) and effect of calcium supplementation. Ecotoxicology and Environmental Safety, 2020, 193, 110357.	6.0	14
17	Hydrophobic gold catalysts: From synthesis on passivated silica to synthesis on few-layer graphene. Catalysis Today, 2014, 235, 90-97.	4.4	13
18	Application of a dealginated seaweed derivative for the simultaneous metal ions removal from real and synthetic effluents. Journal of Water Process Engineering, 2020, 37, 101546.	5.6	12

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19	Polyacrylamide-Based Sorbents for the Removal of Hazardous Metals. Adsorption Science and Technology, 2013, 31, 691-709.	3.2	11
20	Thin-coated water soluble CdTeS alloyed quantum dots as energy donors for highly efficient FRET. Dalton Transactions, 2014, 43, 15583-15592.	3.3	11
21	Surfactant-templated silica doped with 1-phenyl-3-methyl-4-stearoylpyrazol-5-one (HPMSP) as a new sorbent. Journal of Materials Chemistry, 2002, 12, 886-889.	6.7	10
22	Lanthanide recovery by silica-Cyanex 272 material immobilized in alginate matrix. Environmental Science and Pollution Research, 2020, 27, 26943-26953.	5.3	10
23	Synergistic extraction of lanthanoids with heterocyclic Î²-ketoenols and 2,4,6-tri(2-pyridyl)-1,3,5-triazine, TPTZPart I: Interaction of the extractants. Separation and Purification Technology, 2007, 53, 259-265.	7.9	9
24	Synergistic extraction of lanthanoids with heterocyclic Î²-ketoenols and 2,4,6-tri(2-pyridyl)-1,3,5-triazine, TPTZPart II. Extraction of La(III), Eu(III) and Lu(III) with a bis(4-acyl-5-hydroxypyrazole) and TPTZ. Separation and Purification Technology, 2007, 53, 250-258.	7.9	9
25	Sodium arsenite effect on Vitis vinifera L. Physiology. Journal of Plant Physiology, 2019, 238, 72-79.	3.5	9
26	REMOVAL OF CADMIUM (II) FROM AQUEOUS MEDIA USING COOH/TUD-1 MESOPOROUS SOLID. KINETIC AND THERMODYNAMIC STUDIES. Environmental Engineering and Management Journal, 2014, 13, 2675-2686.	0.6	9
27	Perlite for permanent confinement of cesium. Journal of Nuclear Materials, 2006, 352, 196-201.	2.7	8
28	Synthesis and Characterization of Mesostructured Silica Doped with Acylâ€Hydroxyâ€Pyrazole Derivatives. Sorption Tests of Cu(II) and Eu(III). Separation Science and Technology, 2006, 41, 2933-2946.	2.5	8
29	Solidâ€Liquid Extraction of Lanthanum(III), Europium(III), and Lutetium(III) by Acylâ€Hydroxypyrazoles Entrapped in Mesostructured Silica. Separation Science and Technology, 2007, 42, 1913-1930.	2.5	8
30	Acylisoxazolone-impregnated Si-MCM-41 mesoporous materials as promising liquidâ€“solid extractants of metals. Materials Research Bulletin, 2007, 42, 769-775.	5.2	8
31	Confining caesium in expanded natural Perlite. Journal of the European Ceramic Society, 2007, 27, 619-622.	5.7	8
32	Preparation of silicas impregnated with HPBI, HPMSP and DEHPA and their application in the solidâ€“liquid extraction of Cu(II) and Zn(II). Arabian Journal of Chemistry, 2017, 10, S1731-S1740.	4.9	8
33	A simple cladding process to apply monolithic silica rods in high performance liquid chromatography. Journal of Chromatography A, 2010, 1217, 7172-7176.	3.7	7
34	Preparation of montmorillonite clays containing DTMPPA for Zinc extraction. Journal of Physics and Chemistry of Solids, 2006, 67, 1032-1036.	4.0	6
35	Investigation of the Supramolecular Assembly of Luminescent Lanthanide Nanoparticles Surface Functionalized by pâ€Sulfonatoâ€Calix[4]arenes with Charged Aromatic Compounds. European Journal of Inorganic Chemistry, 2021, 2021, 3761-3770.	2.0	5
36	Synthesis of polyacrylamide-bound hydroquinone via a homolytic pathway: Application to the removal of heavy metals. Comptes Rendus Chimie, 2014, 17, 849-859.	0.5	4

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37	Oral Supplementation Effect of Iron and its Complex Form With Quercetin on Oxidant Status and on Redistribution of Essential Metals in Organs of Streptozotocin Diabetic Rats. Romanian Journal of Diabetes Nutrition and Metabolic Diseases, 2019, 26, 39-53.	0.3	4
38	COMPREHENSIVE STUDY OF SILICA GLASS PRODUCTION USING ICP-MS AND ICP-AES METHODS. Analytical Letters, 2001, 34, 1955-1966.	1.8	2
39	Effect of Grafted Hydroquinone on the Acid-Base Properties of Poly(acrylic acid) in the Presence of Copper (II). Journal of Chemistry, 2015, 2015, 1-7.	1.9	2
40	Cu (II) Extraction from Sulfate Media by Functionalized Algerian Bentonites. Oriental Journal of Chemistry, 2013, 29, 991-1000.	0.3	1
41	Mineralogy and Characterization of New Bentonite from Tahoua Region of Central Niger. Asian Journal of Chemistry, 2019, 31, 472-476.	0.3	0
42	Fast, Efficient and Environmentally Friendly Extraction of Cu(II) and Zn(II) by Hybrid Silicas Impregnated with Acidic Organic Extractants. Journal of Advances in Chemistry, 2016, 12, 4374-4386.	0.1	0