

# Anne Boos

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | Investigation of the Supramolecular Assembly of Luminescent Lanthanide Nanoparticles Surface Functionalized by <i>p</i> -Sulfonato- <i>Calix</i> [4]arenes with Charged Aromatic Compounds. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3761-3770.    | 2.0 | 5         |
| 2  | Application of a dealginated seaweed derivative for the simultaneous metal ions removal from real and synthetic effluents. <i>Journal of Water Process Engineering</i> , 2020, 37, 101546.   | 5.6 | 12        |
| 3  | Lanthanide recovery by silica-Cyanex 272 material immobilized in alginate matrix. <i>Environmental Science and Pollution Research</i> , 2020, 27, 26943-26953.   | 5.3 | 10        |
| 4  | Highly chelating stellate mesoporous silica nanoparticles for specific iron removal from biological media. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 140-151.   | 9.4 | 19        |
| 5  | Consequences of trace metal cocktail exposure in zebra finch ( <i>Taeniopygia guttata</i> ) and effect of calcium supplementation. <i>Ecotoxicology and Environmental Safety</i> , 2020, 193, 110357.  | 6.0 | 14        |
| 6  | Study on the extraction of lanthanides by a mesoporous MCM-41 silica impregnated with Cyanex 272. <i>Separation and Purification Technology</i> , 2019, 209, 359-367.  | 7.9 | 25        |
| 7  | Sodium arsenite effect on <i>Vitis vinifera</i> L. Physiology. <i>Journal of Plant Physiology</i> , 2019, 238, 72-79.  | 3.5 | 9         |
| 8  | Mineralogy and Characterization of New Bentonite from Tahoua Region of Central Niger. <i>Asian Journal of Chemistry</i> , 2019, 31, 472-476.   | 0.3 | 0         |
| 9  | Dendron based antifouling, MRI and magnetic hyperthermia properties of different shaped iron oxide nanoparticles. <i>Nanotechnology</i> , 2019, 30, 374002.  | 2.6 | 16        |
| 10 | 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. <i>Romanian Journal of Diabetes Nutrition and Metabolic Diseases</i> , 2019, 26, 39-53. | 0.3 | 4         |
| 11 | Competitive adsorption of Cu (II) and Zn (II) on impregnate raw Algerian bentonite and efficiency of extraction. <i>Applied Clay Science</i> , 2018, 151, 118-123.   | 5.2 | 32        |
| 12 | Cadmium removal by a low-cost magadiite-based material: Characterization and sorption applications. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 5351-5360.   | 6.7 | 44        |
| 13 | Preparation of silicas impregnated with HPBI, HPMSP and DEHPA and their application in the solid-liquid extraction of Cu(II) and Zn(II). <i>Arabian Journal of Chemistry</i> , 2017, 10, S1731-S1740.  | 4.9 | 8         |
| 14 | Fast, Efficient and Environmentally Friendly Extraction of Cu(II) and Zn(II) by Hybrid Silicas Impregnated with Acidic Organic Extractants. <i>Journal of Advances in Chemistry</i> , 2016, 12, 4374-4386.   | 0.1 | 0         |
| 15 | Effect of Grafted Hydroquinone on the Acid-Base Properties of Poly(acrylic acid) in the Presence of Copper (II). <i>Journal of Chemistry</i> , 2015, 2015, 1-7.  | 1.9 | 2         |
| 16 | $\beta$ -diketone functionalized SBA-15 and SBA-16 for rapid liquid-solid extraction of copper. <i>Journal of Porous Materials</i> , 2015, 22, 511-520.  | 2.6 | 17        |
| 17 | Synthesis of polyacrylamide-bound hydroquinone via a homolytic pathway: Application to the removal of heavy metals. <i>Comptes Rendus Chimie</i> , 2014, 17, 849-859.  | 0.5 | 4         |
| 18 | Kinetic and equilibrium studies of lead(II) adsorption from aqueous media by KIT-6 mesoporous silica functionalized with -COOH. <i>Comptes Rendus Chimie</i> , 2014, 17, 869-880.  | 0.5 | 30        |

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|----|---|-----|-----------|
| 19 | Thin-coated water soluble CdTeS alloyed quantum dots as energy donors for highly efficient FRET. Dalton Transactions, 2014, 43, 15583-15592.  | 3.3 | 11        |
| 20 | Hydrophobic gold catalysts: From synthesis on passivated silica to synthesis on few-layer graphene. Catalysis Today, 2014, 235, 90-97.  | 4.4 | 13        |
| 21 | 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         |
| 22 | Polyacrylamide-Based Sorbents for the Removal of Hazardous Metals. Adsorption Science and Technology, 2013, 31, 691-709.  | 3.2 | 11        |
| 23 | Cu (II) Extraction from Sulfate Media by Functionalized Algerian Bentonites. Oriental Journal of Chemistry, 2013, 29, 991-1000.   | 0.3 | 1         |
| 24 | The PvdRTâ€™OpmQ efflux pump controls the metal selectivity of the iron uptake pathway mediated by the siderophore pyoverdine in <i>Pseudomonas aeruginosa</i> . Environmental Microbiology, 2012, 14, 1696-1708.   | 3.8 | 50        |
| 25 | Towards Fluoride Sensing with Positively Charged Lanthanide Complexes. European Journal of Inorganic Chemistry, 2010, 2010, 2735-2745.  | 2.0 | 45        |
| 26 | 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         |
| 27 | A Ruthenium-Containing Organometallic Compound Reduces Tumor Growth through Induction of the Endoplasmic Reticulum Stress Gene <i>CHOP</i> . Cancer Research, 2009, 69, 5458-5466.  | 0.9 | 201       |
| 28 | 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        |
| 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 | 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         |
| 31 | Acylisoxazolone-impregnated Si-MCM-41 mesoporous materials as promising liquidâ€™solid extractants of metals. Materials Research Bulletin, 2007, 42, 769-775.   | 5.2 | 8         |
| 32 | 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         |
| 33 | Confining caesium in expanded natural Perlite. Journal of the European Ceramic Society, 2007, 27, 619-622.  | 5.7 | 8         |
| 34 | 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        |
| 35 | Perlite for permanent confinement of cesium. Journal of Nuclear Materials, 2006, 352, 196-201.  | 2.7 | 8         |
| 36 | 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        |

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|----|---|-----|-----------|
| 37 | Preparation of montmorillonite clays containing DTMPA for Zinc extraction. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1032-1036.   | 4.0 | 6         |
| 38 | Synthesis and Characterization of Mesostructured Silica Doped with Acyl-Hydroxy-Pyrazole Derivatives. Sorption Tests of Cu(II) and Eu(III). <i>Separation Science and Technology</i> , 2006, 41, 2933-2946. | 2.5 | 8         |
| 39 | Investigation of the surfactants in CTAB-templated mesoporous silica by <sup>1</sup> H HRMAS NMR. <i>Microporous and Mesoporous Materials</i> , 2003, 66, 27-36.  | 4.4 | 15        |
| 40 | Surfactant-templated silica doped with 1-phenyl-3-methyl-4-stearoylpyrazol-5-one (HPMSP) as a new sorbent. <i>Journal of Materials Chemistry</i> , 2002, 12, 886-889.                                       | 6.7 | 10        |
| 41 | COMPREHENSIVE STUDY OF SILICA GLASS PRODUCTION USING ICP-MS AND ICP-AES METHODS. <i>Analytical Letters</i> , 2001, 34, 1955-1966.   | 1.8 | 2         |
| 42 | Optical properties of Co <sup>2+</sup> -doped silica gel monoliths. <i>Journal of Non-Crystalline Solids</i> , 1994, 176, 172-178.  | 3.1 | 17        |