# Doina Humelnicu

List of Publications by Year
in descending order



| 46 | 1,154 | 430442 | 377514 |
|---|---|---|---|
| papers | citations | 18 h-index | 34 g-index |

| 47 | 47 | 47 | 1208 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Study on the SBA-15 Silica and ETS-10 Titanosilicate as Efficient Adsorbents for Cu(II) Removal from Aqueous Solution. Water (Switzerland), 2022, 14, 857. | 1.2 | 9 |
| 2 | Aminopolycarboxylic Acids-Functionalized Chitosan-Based Composite Cryogels as Valuable Heavy Metal Ions Sorbents: Fixed-Bed Column Studies and Theoretical Analysis. Gels, 2022, 8, 221. | 2.1 | 14 |
| 3 | Evaluation of phosphate adsorption by porous strong base anion exchangers having hydroxyethyl substituents: kinetics, equilibrium, and thermodynamics. Environmental Science and Pollution Research, 2021, 28, 7105-7115. | 2.7 | 8 |
| 4 | Cross-Linked and Functionalized Acrylic Polymers: Efficient and Reusable Sorbents for Zn(II) Ions in Solution. Journal of Polymers and the Environment, 2021, 29, 2261-2281. | 2.4 | 4 |
| 5 | Analysis of Copper(II), Cobalt(II) and Iron(III) Sorption in Binary and Ternary Systems by Chitosan-Based Composite Sponges Obtained by Ice-Segregation Approach. Gels, 2021, 7, 103. | 2.1 | 11 |
| 6 | Designing smart triple-network cationic cryogels with outstanding efficiency and selectivity for deep cleaning of phosphate. Chemical Engineering Journal, 2021, 426, 131411. | 6.6 | 26 |
| 7 | Sorption of Ce(III) by Silica SBA-15 and Titanosilicate ETS-10 from Aqueous Solution. Water (Switzerland), 2021, 13, 3263. | 1.2 | 9 |
| 8 | Experimental Studies on the Removal of Aluminium Ions from Synthetic Aqueous Solution by Hydroxyapatites. Acta Chimica Slovenica, 2021, 68, 821-832. | 0.2 | 0 |
| 9 | Bioinspired elelctrospun hybrid nanofibers based on biomass templated within polymeric matrix for metal removal from wastewater. Polymer Bulletin, 2020, 77, 3207-3222. | 1.7 | 3 |
| 10 | Removal of heavy metal ions from multi-component aqueous solutions by eco-friendly and low-cost composite sorbents with anisotropic pores. Journal of Hazardous Materials, 2020, 381, 120980. | 6.5 | 88 |
| 11 | Superadsorbents for Strontium and Cesium Removal Enriched in Amidoxime by a Homo-IPN Strategy Connected with Porous Silica Texture. ACS Applied Materials & Interfaces, 2020, 12, 44622-44638. | 4.0 | 20 |
| 12 | Contribution of Cross-Linker and Silica Morphology on Cr(VI) Sorption Performances of Organic Anion Exchangers Embedded into Silica Pores. Molecules, 2020, 25, 1249. | 1.7 | 9 |
| 13 | A Comparative Study on Cu2+, Zn2+, Ni2+, Fe3+, and Cr3+ Metal Ions Removal from Industrial Wastewaters by Chitosan-Based Composite Cryogels. Molecules, 2020, 25, 2664. | 1.7 | 19 |
| 14 | Synthesis, characterization and theoretical investigations of new uranium (VI) and thorium (IV) complexes with 1-furfurylaldehyde-derived Schiff bases as ligands. Journal of Saudi Chemical Society, 2020, 24, 451-460. | 2.4 | 2 |
| 15 | Development of chitosan-poly(ethyleneimine) based double network cryogels and their application as superadsorbents for phosphate. Carbohydrate Polymers, 2019, 210, 17-25. | 5.1 | 67 |
| 16 | Adsorptive Performance of Soy Bran and Mustard Husk Towards Arsenic (V) Ions from Synthetic Aqueous Solutions. Acta Chimica Slovenica, 2019, 66, 326-336. | 0.2 | 4 |
| 17 | Design of porous strong base anion exchangers bearing N,N-dialkyl 2-hydroxyethyl ammonium groups with enhanced retention of Cr(VI) ions from aqueous solution. Reactive and Functional Polymers, 2018, 124, 55-63. | 2.0 | 33 |
| 18 | Kinetics, equilibrium modeling, and thermodynamics on removal of Cr(VI) ions from aqueous solution using novel composites with strong base anion exchanger microspheres embedded into chitosan/poly(vinyl amine) cryogels. Chemical Engineering Journal, 2017, 330, 675-691. | 6.6 | 82 |

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|---|---|---|---|
| 19 | Immobilised Co(II) Homodinuclear Coordinative Compound with Terephthalate and o-phenanthroline as Ligands: Synthesis, Crystal Structure and Applications. Croatica Chemica Acta, 2017, 90, . | 0.1 | 0 |
| 20 | Agricultural by-products as low-cost sorbents for the removal of heavy metals from dilute wastewaters. Environmental Monitoring and Assessment, 2015, 187, 222. | 1.3 | 10 |
| 21 | Evaluation of Adsorption Capacity of Montmorillonite and Aluminium-pillared Clay for Pb2+, Cu2+ and Zn2+. Acta Chimica Slovenica, 2015, 62, 947-957. | 0.2 | 4 |
| 22 | Removal of uranyl ions by p-hexasulfonated calyx[6]arene acid. Journal of Nuclear Materials, 2014, 453, 75-81. | 1.3 | 3 |
| 23 | Removal of uranium(VI) and thorium(IV) ions from aqueous solutions by functionalized silica: kinetic and thermodynamic studies. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 1183-1190. | 0.7 | 33 |
| 24 | Removal of uranium (VI) from aqueous systems by nanoscale zero-valent iron particles suspended in carboxy-methyl cellulose. Journal of Nuclear Materials, 2013, 443, 250-255. | 1.3 | 54 |
| 25 | Uptake of uranyl ions from uranium ores and sludges by means of Spirulina platensis, Porphyridium cruentum and Nostok linckia alga. Bioresource Technology, 2012, 118, 19-23. | 4.8 | 50 |
| 26 | Magnetic chitosan composite particles: Evaluation of thorium and uranyl ion adsorption from aqueous solutions. Carbohydrate Polymers, 2012, 87, 1185-1191. | 5.1 | 131 |
| 27 | Removal of uranyl ions from UO2(NO3)2 solution by means of Chlorella vulgaris and Dunaliella salina algae. Open Chemistry, 2012, 10, 1669-1675. | 1.0 | 4 |
| 28 | New complexes of lanthanide Ln(III), (Ln=La, Sm, Gd, Er) with Schiff bases derived from 2-furaldehyde and phenylenediamines. Polyhedron, 2011, 30, 2127-2131. | 1.0 | 26 |
| 29 | Adsorption characteristics of UO22+ and Th4+ ions from simulated radioactive solutions onto chitosan/clinoptilolite sorbents. Journal of Hazardous Materials, 2011, 185, 447-455. | 6.5 | 134 |
| 30 | On the retention of uranyl and thorium ions from radioactive solution on peat moss. Journal of Hazardous Materials, 2010, 174, 782-787. | 6.5 | 37 |
| 31 | Study on the retention of uranyl ions on modified clays with titanium oxide. Journal of Radioanalytical and Nuclear Chemistry, 2009, 279, 131-136. | 0.7 | 49 |
| 32 | A Fluorescence Emission, FT-IR and UV-VIS Absorption Study of the Some Uranium (VI) Schiff Bases Complexes. Journal of Fluorescence, 2008, 18, 707-713. | 1.3 | 13 |
| 33 | 226Ra translocation from soil to selected vegetation in the Crucea (Romania) uranium mining area. Journal of Radioanalytical and Nuclear Chemistry, 2008, 278, 211-213. | 0.7 | 4 |
| 34 | Comparison of various sensitive and selective spectrophotometric assays of environmental cyanide. Toxicological and Environmental Chemistry, 2008, 90, 221-235. | 0.6 | 7 |
| 35 | RECOVERY OF SOME INORGANIC COMPOUNDS FROM THE SLUDGES RESULTED AFTER THE LEACHING OF URANYL IONS FROM URANIUM ORES. Environmental Engineering and Management Journal, 2008, 7, 401-407. | 0.2 | 0 |
| 36 | Removal of uranyl ions from wastewaters using cellulose and modified cellulose materials</p> </p>. Journal of Radioanalytical and Nuclear Chemistry, 2006, 268, 305-311. | 0.7 | 14 |

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|---|---|---|---|
| 37 | Kinetic and thermodynamic aspects of U(VI) and Th(IV) sorption on a zeolitic volcanic tuff. Journal of Radioanalytical and Nuclear Chemistry, 2006, 270, 637-640. | 0.7 | 69 |
| 38 | Laboratory analyses of60Co2+,65Zn2+and55+59Fe3+radiocations uptake byLemna minor. Isotopes in Environmental and Health Studies, 2006, 42, 87-95. | 0.5 | 18 |
| 39 | Bioaccumulation of thorium and uranyl ions on Saccharomyces cerevisiae. Journal of Radioanalytical and Nuclear Chemistry, 2004, 260, 291-293. | 0.7 | 24 |
| 40 | Removal of 60Co2+ and 137Cs+ ions from low radioactive solutions using Azolla caroliniana willd. water fern. Open Chemistry, 2004, 2, 434-445. | 1.0 | 4 |
| 41 | Behaviour of the poly(maleic anhydride-co-vinyl acetate) copolymer in aqueous solutions. European Polymer Journal, 2001, 37, 729-735. | 2.6 | 23 |
| 42 | Bioleaching of UO22+ Ions from Poor Uranium Ores by Means of Cyanobacteria. Journal of Radioanalytical and Nuclear Chemistry, 2000, 245, 427-429. | 0.7 | 13 |
| 43 | Removal of uranyl ions from residual waters using some algae types. European Physical Journal D, 1999, 49, 987-990. | 0.4 | 2 |
| 44 | Bioakkumulation von UO22+- und Th4+-Ionen aus AbwÃssern. Isotopes in Environmental and Health Studies, 1997, 33, 327-331. | 0.5 | 8 |
| 45 | Recuperation of uranyl ions from effluents by means of microbiological collectors. Waste Management, 1997, 17, 97-99. | 3.7 | 7 |
| 46 | Removal of chromium (III) ions from aqueous solutions using different types of hydroxyapatites. , 0, 204, 297-305. | | 2 |