Ioannis Pashalidis

List of Publications by Year
in descending order

127	2,754	201385 27	233125 45
papers	citations	h-index	g-index

127	127	127	2347
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Uranium removal from laboratory and environmental waters by oxidised biochar prepared from palm tree fibres. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 375-381.	0.7	10
2	The effect of EDTA on the desorption of uranium from calcium silicate hydrate matrices. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 507-510.	0.7	2
3	Microplastics as carriers of hydrophilic pollutants in an aqueous environment. Journal of Molecular Liquids, 2022, 350, 118182.	2.3	23
4	The origin of Uranium in groundwater of the eastern Halkidiki region, northern Greece. Science of the Total Environment, 2022, 812, 152445.	3.9	9
5	Extremely Efficient Uranium Removal from Aqueous Environments with Polyurea-Cross-Linked Alginate Aerogel Beads. ACS Applied Polymer Materials, 2022, 4, 920-928.	2.0	21
6	Catalytic Neutralization of Water Pollutants Mediated by Dendritic Polymers. Nanomaterials, 2022, 12, 445.	1.9	12
7	Microplastics as carriers of inorganic and organic contaminants in the environment: A review of recent progress. Journal of Molecular Liquids, 2022, 350, 118580.	2.3	57
8	Microplastics as radionuclide (U-232) carriers. Journal of Molecular Liquids, 2022, 351, 118641.	2.3	14
9	The effect of chemical and thermal modifications on the biosorption of uranium in aqueous solutions using winery wastes. Journal of Molecular Liquids, 2022, 351, 118665.	2.3	7
10	Neptunium interaction with microplastics in aqueous solutions. Journal of Molecular Liquids, 2022, 356, 119056.	2.3	7
11	Fabrication and thermomechanical properties of carbonized Luffa <scp> cylindrica â€reinforced </scp> highâ€density polyethylene composites. Journal of Applied Polymer Science, 2022, 139, 52040.	1.3	1
12	Polyvalent metal ion adsorption by chemically modified biochar fibers. , 2022, , 267-286.		0
13	(Radio)toxic metal ion adsorption by plant fibers. , 2022, , 1-12.		0
14	Superparamagnetic polyvinylpyrrolidone/chitosan/<scp>Fe₃O₄</scp> electrospun nanofibers as effective U(<scp>VI</scp>) adsorbents. Journal of Applied Polymer Science, 2021, 138, 50212.	1.3	16
15	A nappies management by-product for the treatment of uranium-contaminated waters. Journal of Hazardous Materials, 2021, 404, 124147.	6.5	16
16	The application of pine-based adsorbents to remove potentially toxic elements from aqueous solutions. , 2021, , 113-133.		12
17	Magnetic Biochar Fibers for Copper Removal. Environmental Chemistry for A Sustainable World, 2021, , 143-160.	0.3	0
18	Single-use surgical face masks, as a potential source of microplastics: Do they act as pollutant carriers?. Journal of Molecular Liquids, 2021, 326, 115247.	2.3	71

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19	Enhanced uranium removal from acidic wastewater by phosphonate-functionalized ordered mesoporous silica: Surface chemistry matters the most. Journal of Hazardous Materials, 2021, 413, 125279.	6.5	76
20	Investigations on the Interaction of EDTA with Calcium Silicate Hydrate and Its Impact on the U(VI) Sorption. Coatings, 2021, 11, 1037.	1.2	5
21	Single-stage production of miscanthus hydrochar at low severity conditions and application as adsorbent of copper and ammonium ions. Bioresource Technology, 2021, 337, 125458.	4.8	14
22	Sunflower-biomass derived adsorbents for toxic/heavy metals removal from (waste) water. Journal of Molecular Liquids, 2021, 342, 117540.	2.3	36
23	Single-use surgical face masks as radionuclide (U-232 and Ra-226) carriers. Journal of Molecular Liquids, 2021, 342, 117578.	2.3	12
24	Cu(II) adsorption on 2-thiouracil-modified Luffa cylindrica biochar fibres from artificial and real samples, and competition reactions with U(VI). Journal of Hazardous Materials, 2020, 383, 120950.	6.5	24
25	Water-stable 2-D Zr MOFs with exceptional UO₂²⁺ sorption capability. Journal of Materials Chemistry A, 2020, 8, 1849-1857.	5.2	29
26	Environmental applications of Luffa cylindrica-based adsorbents. Journal of Molecular Liquids, 2020, 319, 114127.	2.3	44
27	Removal of caffeine, nicotine and amoxicillin from (waste)waters by various adsorbents. A review. Journal of Environmental Management, 2020, 261, 110236.	3.8	152
28	Utilization of pine tree biochar produced by flame-curtain pyrolysis in two non-agricultural applications. Bioresource Technology Reports, 2020, 9, 100384.	1.5	21
29	Oxidized biochar obtained from pine needles as a novel adsorbent to remove caffeine from aqueous solutions. Journal of Molecular Liquids, 2020, 304, 112661.	2.3	45
30	Hyper sorption capacity of raw and oxidized biochars from various feedstocks for U(VI). Journal of Environmental Chemical Engineering, 2020, 8, 103932.	3.3	14
31	Recovery of uranium from phosphate rock with EDTA-mediated dissolution and cation exchange. Hydrometallurgy, 2019, 189, 105118.	1.8	8
32	Selective separation and determination of uranium in calcite and gypsum after EDTA-mediated sample dissolution and cation-exchange. Journal of Radioanalytical and Nuclear Chemistry, 2019, 320, 807-812.	0.7	8
33	Alpha-spectroscopic analysis of uranium in ground- and seawater samples after EDTA-masking of interfering cations. Journal of Radioanalytical and Nuclear Chemistry, 2019, 321, 973-975.	0.7	3
34	Synthesis and characterization of a novel Fe3O4-loaded oxidized biochar from pine needles and its application for uranium removal. Kinetic, thermodynamic, and mechanistic analysis. Journal of Environmental Management, 2019, 252, 109677.	3.8	70
35	Agricultural biomass/waste as adsorbents for toxic metal decontamination of aqueous solutions. Journal of Molecular Liquids, 2019, 295, 111684.	2.3	131
36	Uranium adsorption by polyvinylpyrrolidone/chitosan blended nanofibers. Carbohydrate Polymers, 2019, 219, 298-305.	5.1	95

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37	U(VI) adsorption by biochar fiberâ€“MnO2 composites. Journal of Radioanalytical and Nuclear Chemistry, 2019, 320, 425-432.	0.7	40
38	Îhe application of oxidized carbon derived from Luffa cylindrica for caffeine removal. Equilibrium, thermodynamic, kinetic and mechanistic analysis. Journal of Molecular Liquids, 2019, 296, 112078.	2.3	32
39	Copper Adsorption by Magnetized Pine-Needle Biochar. Processes, 2019, 7, 903.	1.3	20
40	Î²-ketoester-functionalized magnetoactive electrospun polymer fibers as Eu(III) adsorbents. SN Applied Sciences, 2019, 1, 1.	1.5	10
41	Thorium adsorption by oxidized biochar fibres derived from Luffa cylindrica sponges. Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 1065-1070.	0.7	15
42	Triggering selective uranium separation from aqueous solutions by using salophen-modified biochar fibers. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 2199-2203.	0.7	17
43	The effect of surface properties on the uranium adsorption by mesoporous ceria. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 2193-2197.	0.7	9
44	Uranium(VI) binding by pine needles prior and after chemical modification. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 2205-2211.	0.7	33
45	Studies on the separation of Ra(II), U(VI) and Eu(III) from aqueous solution using MnO2-resin. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 2189-2192.	0.7	5
46	Radon exhalation from granite countertops and expected indoor radon levels. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 913-916.	0.7	3
47	Uranium analysis in drinking waters in Cyprus. Journal of Radioanalytical and Nuclear Chemistry, 2017, 312, 361-365.	0.7	8
48	Effect of surface and textural characteristics on uranium adsorption by nanoporous titania. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 1141-1147.	0.7	14
49	Magnetoresponsive polymer networks as adsorbents for the removal of U(VI) ions from aqueous media. European Polymer Journal, 2017, 97, 138-146.	2.6	15
50	Surface characterization of oxidized biochar fibers derived from Luffa Cylindrica and lanthanide binding. Journal of Environmental Chemical Engineering, 2017, 5, 4069-4074.	3.3	45
51	Copper Binding by Activated Biochar Fibres Derived from Luffa cylindrica. Water, Air, and Soil Pollution, 2017, 228, 1.	1.1	15
52	Uranium binding by biochar fibres derived from Luffa cylindrica after controlled surface oxidation. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 871-875.	0.7	57
53	Radium concentration in uranium-bearing rocks and minerals by radon emanation after acidic sample dissolution. Journal of Radioanalytical and Nuclear Chemistry, 2016, 309, 1327-1332.	0.7	5
54	Europium adsorption by non-treated and chemically modifiedopuntia ficus indicacactus fibres in aqueous solutions. Desalination and Water Treatment, 2016, 57, 5079-5088.	1.0	17

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55	Removal of trivalent samarium from aqueous solutions by activated biochar derived from cactus fibres. Journal of Rare Earths, 2016, 34, 99-104.	2.5	45
56	Adsorption of trivalent lanthanides by marine sediments. Journal of Radioanalytical and Nuclear Chemistry, 2015, 304, 41-45.	0.7	11
57	Uranium sorption from aqueous solutions by activated biochar fibres investigated by FTIR spectroscopy and batch experiments. Journal of Radioanalytical and Nuclear Chemistry, 2015, 304, 897-904.	0.7	78
58	Determination of radium by radon emanation after EDTA-mediated sample dissolution. Journal of Radioanalytical and Nuclear Chemistry, 2015, 306, 445-449.	0.7	2
59	Simplified determination of uranium in contaminated sea sand samples by alpha-spectroscopy after acidic desorption and liquidâ€“liquid extraction. Journal of Radioanalytical and Nuclear Chemistry, 2015, 304, 133-137.	0.7	7
60	The Role of Cardiopulmonary Bypass on the Early Postoperative IgG levels, Effect on the Postoperative Outcome in Cardiac Surgery Patients - A Pilot Study. Cardiovascular Journal, 2015, 7, 79-84.	0.0	0
61	Competitive adsorption of boric acid and chromate onto alumina in aqueous solutions. Water Science and Technology, 2014, 69, 378-384.	1.2	2
62	Seasonal variation, chemical behavior and kinetics of uranium in an unconfined groundwater system. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 171-175.	0.7	6
63	The effect of natural organic matter on the formation and solubility of M(OH)4 solid phases. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 791-795.	0.7	2
64	Americium and samarium determination in aqueous solutions after separation by cation-exchange. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 721-724.	0.7	1
65	Activated biochar derived from cactus fibres â€“ Preparation, characterization and application on Cu(II) removal from aqueous solutions. Bioresource Technology, 2014, 159, 460-464.	4.8	158
66	The effect of aging and natural organic matter on the Th(OH)4 solubility. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 695-698.	0.7	1
67	Uranium adsorption by non-treated and chemically modified cactus fibres in aqueous solutions. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 1587-1595.	0.7	48
68	A comparative study of the adsorption of uranium on commercial and natural (Cypriot) sea sand samples. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 1111-1116.	0.7	12
69	Emanation studies of radium containing materials by a simple radon monitoring system. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 673-677.	0.7	4
70	Radium removal from aqueous solutions by adsorption on non-treated and chemically modified biomass by-product. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 2095-2102.	0.7	12
71	Copper(II) removal from aqueous solutions by adsorption on non-treated and chemically modified cactus fibres. Water Science and Technology, 2013, 68, 2497-2504.	1.2	24
72	Uranium levels in Cypriot groundwater samples determined by ICP-MS and Î±-spectroscopy. Journal of Environmental Radioactivity, 2013, 116, 187-192.	0.9	26

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73	Adsorptive removal of U(VI) and Th(IV) from aqueous solutions using polymer-based electrospun PEO/PLLA fibrous membranes. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 1991-1997.	0.7	17
74	Surface mechanism of the boron adsorption on alumina in aqueous solutions. Desalination and Water Treatment, 2013, 51, 6130-6136.	1.0	25
75	Selective separation of actinyl(V,VI) cations from aqueous solutions by Chelex-100. Radiochimica Acta, 2012, 100, 439-444.	0.5	10
76	Adsorption of boron on iron-oxide in aqueous solutions. Desalination and Water Treatment, 2012, 37, 315-320.	1.0	26
77	Selective separation of radium and uranium from aqueous solutions by Chelex-100. Journal of Radioanalytical and Nuclear Chemistry, 2012, 292, 1273-1276.	0.7	7
78	A simplified determination of uranium in phosphate rock and phosphogypsum by alpha-spectroscopy after its separation by liquid-extraction. Journal of Radioanalytical and Nuclear Chemistry, 2012, 291, 865-867.	0.7	14
79	Thorium determination in water samples by liquid scintillation counting after its separation by cloud point extraction. Journal of Radioanalytical and Nuclear Chemistry, 2011, 287, 261-265.	0.7	21
80	Application of different types of resins in the radiometric determination of uranium in waters. Journal of Radioanalytical and Nuclear Chemistry, 2011, 287, 773-778.	0.7	6
81	Thorium determination in aqueous solutions after separation by ion-exchange and liquid extraction. Journal of Radioanalytical and Nuclear Chemistry, 2011, 288, 753-758.	0.7	15
82	Uranium in ground water samples of Northern Greece. Journal of Radioanalytical and Nuclear Chemistry, 2011, 289, 551-555.	0.7	28
83	Uranium analysis in Cypriot groundwaters by total alpha-radiometry and alpha-spectroscopy. Radiation Measurements, 2011, 46, 626-630.	0.7	5
84	Spectroscopic investigations on the effect of humic acid on the formation and solubility of secondary solid phases of Ln2(CO3)3. Journal of Rare Earths, 2011, 29, 516-521.	2.5	5
85	Seasonal variation of the alpha-radioactivity concentration in natural water systems in Cyprus. Radiation Measurements, 2011, 46, 145-148.	0.7	12
86	The effect of humic acid on the formation and solubility of secondary solid phases (Nd(OH)CO3 and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	10
87	Interactions Of Hydroxycarbamide (Hydroxyurea) With Iron And Copper: Implications On Toxicity and Therapeutic Strategies. Hemoglobin, 2011, 35, 237-246.	0.4	19
88	Adsorption of hexavalent chromium on dunite. Water Science and Technology, 2011, 63, 818-824.	1.2	4
89	Competitive sorption of Cu(II), Eu(III) and U(VI) ions on dunite in aqueous solutions: a potentiometric study. International Journal of Environmental Technology and Management, 2010, 12, 322.	0.1	1
90	Simplified alpha-spectroscopic analysis of uranium in natural waters after its separation by cation-exchange. Radiation Measurements, 2010, 45, 966-968.	0.7	48

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91	Redox chemistry of sulphate and uranium in a phosphogypsum tailings dump. Journal of Environmental Radioactivity, 2010, 101, 601-605.	0.9	12
92	Competitive sorption of Cu(II) and Eu(III) ions on olive-cake carbon in aqueous solutionsâ€"a potentiometric study. Adsorption, 2010, 16, 167-171.	1.4	9
93	Lithological and seasonal variations in radon concentrations in Cypriot groundwaters. Journal of Radioanalytical and Nuclear Chemistry, 2010, 284, 553-556.	0.7	12
94	Alpha spectroscopic analysis of actinides (Th, U and Pu) after separation from aqueous solutions by cation-exchange and liquid extraction. Journal of Radioanalytical and Nuclear Chemistry, 2010, 284, 547-551.	0.7	28
95	Uranium determination in water samples by liquid scintillation counting after cloud point extraction. Journal of Radioanalytical and Nuclear Chemistry, 2010, 286, 461-465.	0.7	21
96	The effect of physicochemical parameters on the separation recovery of plutonium and uranium from aqueous solutions by cation exchange. Journal of Radioanalytical and Nuclear Chemistry, 2010, 286, 467-470.	0.7	3
97	Acid mine drainage treatment with dunite. Desalination and Water Treatment, 2010, 16, 129-133.	1.0	5
98	Effect of humic acid on the solid phase stability of UO2CO3. Journal of Radioanalytical and Nuclear Chemistry, 2009, 279, 863-866.	0.7	6
99	Effect of humic acid on the solid phase stability and solubility of UO2(OH)2. Journal of Radioanalytical and Nuclear Chemistry, 2009, 279, 523-528.	0.7	10
100	Experimental and theoretical studies on physico-chemical parameters affecting the solubility of phosphogypsum. Journal of Environmental Radioactivity, 2009, 100, 854-857.	0.9	29
101	Hydrophilic olive cake extracts: Characterization by physicochemical properties and Cu(II) complexation. Journal of Hazardous Materials, 2009, 164, 442-447.	6.5	10
102	Studies on the interaction of olive cake and its hydrophylic extracts with polyvalent metal ions (Cu(II), Eu(III)) in aqueous solutions. Journal of Hazardous Materials, 2009, 166, 1169-1173.	6.5	13
103	A computational study of the conformations of the boric acid (B(OH)3), its conjugate base ((HO)2BOâ¯) and borate anion. Computational and Theoretical Chemistry, 2008, 853, 33-38.	1.5	13
104	Competitive sorption of Cu(II), Eu(III) and U(VI) ions on TiO2 in aqueous solutionsâ€"A potentiometric study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 324, 217-221.	2.3	36
105	Thermal stability of solid and aqueous solutions of humic acid. Thermochimica Acta, 2007, 454, 78-83.	1.2	48
106	Boron in groundwaters of Nicosia (Cyprus) and its treatment by reverse osmosis. Desalination, 2007, 215, 104-110.	4.0	20
107	Increased radiation exposure by granite used as natural tiling rock in Cypriot houses. Radiation Measurements, 2007, 42, 446-448.	0.7	9
108	Adsorption of hexavalent uranium on biomass by-product. Journal of Radioanalytical and Nuclear Chemistry, 2007, 273, 549-552.	0.7	28

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109	Interaction between 1,2-dimethyl-3-hydroxypyrid-4-one and europium(III). Journal of Radioanalytical and Nuclear Chemistry, 2007, 273, 553-556.	0.7	2
110	U(VI) mono-hydroxo humate complexation. Journal of Radioanalytical and Nuclear Chemistry, 2007, 273, 315-322.	0.7	27
111	Sorption of Cu(II) and Eu(III) ions from aqueous solution by olive cake. Adsorption, 2007, 13, 33-40.	1.4	25
112	Boron adsorption on alumina (Al<SUB align=right>2O<SUB align=right>3) and magnesia (MgO) in aqueous solutions: a comparative study. International Journal of Environmental Technology and Management, 2006, 6, 466.	0.1	11
113	Potentiometric investigations on the interaction of humic acid with Cu(II) and Eu(III) ions. Radiochimica Acta, 2006, 94, 549-552.	0.5	9
114	A two-sample model for the comparison of radiation doses. Chemometrics and Intelligent Laboratory Systems, 2005, 79, 1-9.	1.8	6
115	Radiometric determination of uranium in natural waters after enrichment and separation by cation-exchange and liquid-liquid extraction. Journal of Radioanalytical and Nuclear Chemistry, 2004, 260, 439-442.	0.7	50
116	Synthesis, Structure, and Solution Dynamics of UO22+â^'Hydroxy Ketone Compounds [UO2(ma)2(H2O)] and [UO2(dpp)(Hdpp)2(H2O)]ClO4[ma = 3-Hydroxy-2-methyl-4-pyrone, Hdpp = 3-Hydroxy-1,2-dimethyl-4(1H)-pyridone]. Inorganic Chemistry, 2004, 43, 8336-8345.	1.9	14
117	Rainwater characteristics over an old sulphide mine refuse in Sha, Cyprus. Atmospheric Environment, 2003, 37, 1921-1926.	1.9	5
118	Radon levels in Cyprus. Journal of Environmental Radioactivity, 2003, 68, 269-277.	0.9	40
119	Molecular Factors Affecting the Complex Formation between Deferiprone (L1) and Cu(II). Arzneimittelforschung, 2001, 51, 998-1003.	0.5	10
120	Effective complex formation in the interaction of 1,2-dimethyl-3-hydroxypyrid-4-one (Deferiprone or L1) with uranium(VI). Journal of Radioanalytical and Nuclear Chemistry, 1999, 242, 181-184.	0.7	18
121	Spectroscopic Study of the Hydrolysis of PuO²⁺ ₂ in Aqueous Solution. Radiochimica Acta, 1995, 68, 99-104.	0.5	29
122	A Study of Solid-Liquid Phase Equilibria of Pu(VI) and U(VI) in Aqueous Carbonate Systems. Radiochimica Acta, 1993, 61, 141-146.	0.5	24
123	Aufbau von Telluroacrylamid-Komplexen aus Pentacarbonyl(diphenyltelluroketon)wolfram und Inaminen. Journal of Organometallic Chemistry, 1988, 348, C1-C4.	0.8	20
124	Thorium removal from acidic aqueous solutions by activated biochar derived from cactus fibers. Desalination and Water Treatment, 0, , 1-5.	1.0	10
125	Removal of malachite green from aqueous solution by biofibers prior and after chemical modification. , 0, 85, 250-255.		1
126	Uranium monitoring in ground and wastewaters. , 0, 112, 94-98.		2

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127	Removal of Crystal Violet from aqueous solution by biofibers. , 0, 112, 90-93.		2