

J G Parsons

List of Publications by Year in descending order

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30
papers

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citations

331538

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docs citations

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times ranked

3274
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper(II) and lead(II) adsorption onto zinc sulfide nanoparticles effects of light, pH, time, temperature, and interferences. International Journal of Environmental Science and Technology, 2022, 19, 6993-7008.	1.8	1
2	Metal Oxide Nanoparticle Toxicity in Aquatic Organisms: An Overview of Methods and Mechanisms. Nanotechnology in the Life Sciences, 2021, , 123-161.	0.4	3
3	The effect of hybrid zinc oxide/graphene oxide (ZnO/GO) nano-catalysts on the photocatalytic degradation of simazine. Chemosphere, 2020, 259, 127414.	4.2	49
4	Thermodynamic and kinetic study of the removal of Cu ²⁺ and Pb ²⁺ ions from aqueous solution using Fe ₇ S ₈ nanomaterial. Microchemical Journal, 2018, 140, 80-86.	2.3	5
5	Removal of Cu ²⁺ and Ni ²⁺ from aqueous solution using SnO ₂ nanomaterial effect of: pH, time, temperature, interfering cations. Microchemical Journal, 2018, 141, 188-196.	2.3	21
6	Sorption of Cr(III) and Cr(VI) to K ₂ Mn ₄ O ₉ nanomaterial a study of the effect of pH, time, temperature and interferences. Microchemical Journal, 2017, 133, 614-621.	2.3	30
7	Removal of arsenic from water using synthetic Fe ₇ S ₈ nanoparticles. Chemical Engineering Journal, 2016, 290, 428-437.	6.6	48
8	Removal of Cu (II) and Pb (II) from aqueous solution using engineered iron oxide nanoparticles. Microchemical Journal, 2016, 125, 97-104.	2.3	65
9	Study of As(III) and As(V) oxoanion adsorption onto single and mixed ferrite and hausmannite nanomaterials. Microchemical Journal, 2014, 117, 52-60.	2.3	26
10	Thermodynamics, kinetics, and activation energy studies of the sorption of chromium(III) and chromium(VI) to a Mn ₃ O ₄ nanomaterial. Chemical Engineering Journal, 2014, 254, 374-383.	6.6	97
11	Study of the thermodynamics of chromium(III) and chromium(VI) binding to iron(II/III)oxide or magnetite or ferrite and manganese(II) iron (III) oxide or jacobite or manganese ferrite nanoparticles. Journal of Colloid and Interface Science, 2013, 400, 97-103.	5.0	48
12	Anisotropic gold nanoparticles and gold plates biosynthesis using alfalfa extracts. Journal of Nanoparticle Research, 2011, 13, 3113-3121.	0.8	61
13	Kinetics and thermodynamics of the bioreduction of potassium tetrachloroaurate using inactivated oat and wheat tissues. Journal of Nanoparticle Research, 2010, 12, 1579-1588.	0.8	5
14	Microwave-assisted synthesis of iron(III) oxyhydroxides/oxides characterized using transmission electron microscopy, X-ray diffraction, and X-ray absorption spectroscopy. Journal of Physics and Chemistry of Solids, 2009, 70, 555-560.	1.9	35
15	Arsenic Speciation in Biological Samples Using XAS and Mixed Oxidation State Calibration Standards of Inorganic Arsenic. Applied Spectroscopy, 2009, 63, 961-970.	1.2	14
16	Speciation and uptake of arsenic accumulated by corn seedlings using XAS and DR-C-ICP-MS. Chemosphere, 2008, 70, 2076-2083.	4.2	27
17	Synthesis and characterization of 1,2,3,4 tetrahydroquinoline intercalated into MoS ₂ in search of cleaner fuels. Journal of Materials Research, 2007, 22, 2747-2757.	1.2	4
18	X-ray Absorption near Edge Structure and Extended X-ray Absorption Fine Structure Analysis of Standards and Biological Samples Containing Mixed Oxidation States of Chromium(III) and Chromium(VI). Applied Spectroscopy, 2007, 61, 338-345.	1.2	26

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19	Use of X-ray absorption spectroscopy and biochemical techniques to characterize arsenic uptake and reduction in pea (<i>Pisum sativum</i>) plants. <i>Plant Physiology and Biochemistry</i> , 2007, 45, 457-463.	2.8	25
20	Examination of arsenic(III) and (V) uptake by the desert plant species mesquite (<i>Prosopis</i> spp.) using X-ray absorption spectroscopy. <i>Science of the Total Environment</i> , 2007, 379, 249-255.	3.9	57
21	Sorption of Uranyl Cations onto Inactivated Cells of Alfalfa Biomass Investigated Using Chemical Modification, ICP-OES, and XAS. <i>Environmental Science & Technology</i> , 2006, 40, 4181-4188.	4.6	20
22	Use of chemical modification and spectroscopic techniques to determine the binding and coordination of gadolinium(III) and neodymium(III) ions by alfalfa biomass. <i>Talanta</i> , 2005, 67, 34-45.	2.9	18
23	Uptake and Reduction of Cr(VI) to Cr(III) by Mesquite (<i>Prosopis</i> spp.): ¹ Chromate ²⁻ Plant Interaction in Hydroponics and Solid Media Studied Using XAS. <i>Environmental Science & Technology</i> , 2003, 37, 1859-1864.	4.6	147
24	Formation and Growth of Au Nanoparticles inside Live Alfalfa Plants. <i>Nano Letters</i> , 2002, 2, 397-401.	4.5	795
25	Effect of mixed cadmium, copper, nickel and zinc at different pHs upon alfalfa growth and heavy metal uptake. <i>Environmental Pollution</i> , 2002, 119, 291-301.	3.7	150
26	Potential of Alfalfa Plant to Phytoremediate Individually Contaminated Montmorillonite-Soils with Cadmium(II), Chromium(VI), Copper (II), Nickel(II), and Zinc(II). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2002, 69, 74-81.	1.3	23
27	Use of hop (<i>Humulus lupulus</i>) agricultural by-products for the reduction of aqueous lead(II) environmental health hazards. <i>Journal of Hazardous Materials</i> , 2002, 91, 95-112.	6.5	75
28	ENVIRONMENTAL AND BIOLOGICAL APPLICATIONS OF EXTENDED X-RAY ABSORPTION FINE STRUCTURE (EXAFS) AND X-RAY ABSORPTION NEAR EDGE STRUCTURE (XANES) SPECTROSCOPIES. <i>Applied Spectroscopy Reviews</i> , 2002, 37, 187-222.	3.4	104
29	Uptake and Effects of Five Heavy Metals on Seed Germination and Plant Growth in Alfalfa (<i>Medicago</i>) Tj ETQq1 1 0,784314 $\frac{rgBT}{Over}$	1.3	204
30	Characterization of Cr(VI) binding and reduction to Cr(III) by the agricultural byproducts of <i>Avena monida</i> (Oat) biomass. <i>Journal of Hazardous Materials</i> , 2000, 80, 175-188.	6.5	220