

Yiannis Georgiou

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

598
citations

516710

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713466

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21
docs citations

21
times ranked

999
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of robust zero valent iron/mesoporous carbon composites and their applications in arsenic removal. <i>Carbon</i> , 2015, 93, 636-647.	10.3	89
2	Efficient photocatalytic water-splitting performance by ternary CdS/Pt-N-TiO ₂ and CdS/Pt-N,F-TiO ₂ : Interplay between CdS photo corrosion and TiO ₂ -doping. <i>Applied Catalysis B: Environmental</i> , 2019, 254, 194-205.	20.2	86
3	A novel bentonite-humic acid composite material Bephos [®] for removal of phosphate and ammonium from eutrophic waters. <i>Chemical Engineering Journal</i> , 2013, 225, 43-51.	12.7	68
4	Cu ²⁺ sorption from aqueous media by a recyclable Ca ²⁺ framework. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 773-781.	6.0	37
5	Magnetic Carbon Nanocages: An Advanced Architecture with Surface- and Morphology-Enhanced Removal Capacity for Arsenites. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5782-5792.	6.7	31
6	Highly Efficient Arsenite [As(III)] Adsorption by an [MIL-100(Fe)] Metal-Organic Framework: Structural and Mechanistic Insights. <i>Journal of Physical Chemistry C</i> , 2018, 122, 4859-4869.	3.1	30
7	Tuning the Catalytic Properties of Copper-Promoted Nanoceria via a Hydrothermal Method. <i>Catalysts</i> , 2019, 9, 138.	3.5	26
8	Controlled-Phase Synthesis of Bi ₂ Fe ₄ O ₉ & BiFeO ₃ by Flame Spray Pyrolysis and their evaluation as non-noble metal catalysts for efficient reduction of 4-nitrophenol. <i>Powder Technology</i> , 2020, 368, 268-277.	4.2	25
9	Hybrid [polysulfone-Zero Valent Iron] membranes: Synthesis, characterization and application for As(III) remediation. <i>Chemical Engineering Journal</i> , 2015, 281, 651-660.	12.7	24
10	Thermoplasmonic Heat Generation Efficiency by Nonmonodisperse Core-Shell Ag ₀ @SiO ₂ Nanoparticle Ensemble. <i>Journal of Physical Chemistry C</i> , 2019, 123, 22499-22510.	3.1	24
11	Recycled-tire pyrolytic carbon made functional: A high-arsenite [As(III)] uptake material PyrC 350 Å [®] . <i>Journal of Hazardous Materials</i> , 2017, 326, 177-186.	12.4	21
12	Copper-promoted ceria catalysts for CO oxidation reaction. <i>Catalysis Today</i> , 2020, 355, 647-653.	4.4	21
13	Novel Ordered Mesoporous Carbon with Innate Functionalities and Superior Heavy Metal Uptake. <i>Journal of Physical Chemistry C</i> , 2013, 117, 16961-16971.	3.1	20
14	A functionalized phosphonate-rich organosilica layered hybrid material (PSLM) fabricated through a mild process for heavy metal uptake. <i>Journal of Hazardous Materials</i> , 2014, 270, 118-126.	12.4	17
15	Surface decoration of amine-rich carbon nitride with iron nanoparticles for arsenite (As(III)) uptake: The evolution of the Fe-phases under ambient conditions. <i>Journal of Hazardous Materials</i> , 2016, 312, 243-253.	12.4	17
16	Mesoporous spinel CoFe ₂ O ₄ as an efficient adsorbent for arsenite removal from water: high efficiency via control of the particle assemblage configuration. <i>Environmental Science: Nano</i> , 2019, 6, 1156-1167.	4.3	16
17	ZnO, Ag and ZnO-Ag nanoparticles exhibit differential modes of toxic and oxidative action in hemocytes of mussel <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2021, 767, 144699.	8.0	13
18	Double-Nozzle Flame Spray Pyrolysis as a Potent Technology to Engineer Noble Metal-TiO ₂ Nanophotocatalysts for Efficient H ₂ Production. <i>Energies</i> , 2021, 14, 817.	3.1	12

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19	Molecular Mn-catalysts grafted on graphitic carbon nitride (gCN): The behavior of gCN as support matrix in oxidation reactions. <i>Polyhedron</i> , 2018, 153, 41-50.	2.2	8
20	Assessing the cyto-genotoxic potential of model zinc oxide nanoparticles in the presence of humic-acid-like-polycondensate (HALP) and the leonardite HA (LHA). <i>Science of the Total Environment</i> , 2020, 721, 137625.	8.0	7
21	A Hybrid {Silk@Zirconium MOF} Material as Highly Efficient AsIII-sponge. <i>Scientific Reports</i> , 2020, 10, 9358.	3.3	6