

Amanda Alonso

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

537
citations

932766

10
h-index

1125271

13
g-index

16
all docs

16
docs citations

16
times ranked

849
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical review of existing nanomaterial adsorbents to capture carbon dioxide and methane. <i>Science of the Total Environment</i> , 2017, 595, 51-62.	3.9	133
2	The use of magnetic iron oxide based nanoparticles to improve microalgae harvesting in real wastewater. <i>Water Research</i> , 2019, 159, 490-500.	5.3	107
3	Adsorption process of fluoride from drinking water with magnetic core-shell Ce-Ti@Fe ₃ O ₄ and Ce-Ti oxide nanoparticles. <i>Science of the Total Environment</i> , 2017, 598, 949-958.	3.9	62
4	Superparamagnetic Ag@Co Nanocomposites on Granulated Cation Exchange Polymeric Matrices with Enhanced Antibacterial Activity for the Environmentally Safe Purification of Water. <i>Advanced Functional Materials</i> , 2013, 23, 2450-2458.	7.8	47
5	Environmentally-safe bimetallic Ag@Co magnetic nanocomposites with antimicrobial activity. <i>Chemical Communications</i> , 2011, 47, 10464.	2.2	35
6	Characterization of Fibrous Polymer Silver/Cobalt Nanocomposite with Enhanced Bactericide Activity. <i>Langmuir</i> , 2012, 28, 783-790.	1.6	35
7	Donnan-exclusion-driven distribution of catalytic ferromagnetic nanoparticles synthesized in polymeric fibers. <i>Dalton Transactions</i> , 2010, 39, 2579.	1.6	31
8	Phosphate removal and recovery from water using nanocomposite of immobilized magnetite nanoparticles on cationic polymer. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 2099-2112.	1.2	24
9	Donnan exclusion driven intermatrix synthesis of reusable polymer stabilized palladium nanocatalysts. <i>Catalysis Today</i> , 2012, 193, 207-212.	2.2	18
10	Novel magnetic core-shell Ce@Ti@Fe ₃ O ₄ nanoparticles as an adsorbent for water contaminants removal. <i>RSC Advances</i> , 2016, 6, 56913-56917.	1.7	14
11	Intermatrix synthesis of monometallic and magnetic metal/metal oxide nanoparticles with bactericidal activity on anionic exchange polymers. <i>RSC Advances</i> , 2012, 2, 4596.	1.7	10
12	Ion Exchange-Assisted Synthesis of Polymer Stabilized Metal Nanoparticles. <i>Ion Exchange and Solvent Extraction</i> , 2011, , 1-44.	0.3	9
13	Bifunctional Polymer-Metal Nanocomposite Ion Exchange Materials. , 0, , .		9
14	Activity-tunable nanocomposites based on dissolution and in situ recrystallization of nanoparticles on ion exchange resins. <i>RSC Advances</i> , 2015, 5, 89971-89975.	1.7	2
15	Environmentally-Safe Catalytically Active and Biocide Polymer-Metal Nanocomposites with Enhanced Structural Parameters. , 0, , .		1
16	Self-oriented Ag-based polycrystalline cubic nanostructures through polymer stabilization. <i>Nanotechnology</i> , 2016, 27, 425603.	1.3	0