

David Alfonso Patiño-ruiiz

List of Publications by Year in descending order

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11
papers

260
citations

949132

9
h-index

1205604

11
g-index

11
all docs

11
docs citations

11
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal- and metal/oxide-based engineered nanoparticles and nanostructures: a review on the applications, nanotoxicological effects, and risk control strategies. <i>Environmental Science and Pollution Research</i> , 2021, 28, 16962-16981.	5.3	33
2	Environmental Sustainability Evaluation of Iron Oxide Nanoparticles Synthesized via Green Synthesis and the Coprecipitation Method: A Comparative Life Cycle Assessment Study. <i>ACS Omega</i> , 2021, 6, 12410-12423.	3.6	40
3	Environmental and Exergetic Analysis of Large-Scale Production of Citric Acid-Coated Magnetite Nanoparticles via Computer-Aided Process Engineering Tools. <i>ACS Omega</i> , 2021, 6, 3644-3658.	3.6	5
4	Ionotropic Gelation Synthesis of Chitosan-Alginate Nanodisks for Delivery System and <i>In Vitro</i> Assessment of Prostate Cancer Cytotoxicity. <i>International Journal of Polymer Science</i> , 2020, 2020, 1-10.	2.9	11
5	Green synthesis of iron oxide nanoparticles using <i>Cymbopogon citratus</i> extract and sodium carbonate salt: Nanotoxicological considerations for potential environmental applications. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2020, 14, 100377.	3.1	26
6	Ionic Cross-Linking Fabrication of Chitosan-Based Beads Modified with FeO and TiO ₂ Nanoparticles: Adsorption Mechanism toward Naphthalene Removal in Seawater from Cartagena Bay Area. <i>ACS Omega</i> , 2020, 5, 26463-26475.	3.6	42
7	Preparation of modified paints with nano-structured additives and its potential applications. <i>Nanomaterials and Nanotechnology</i> , 2020, 10, 184798042090918.	3.3	42
8	Synthesis of FeO@SiO ₂ "DNA core" shell engineered nanostructures for rapid adsorption of heavy metals in aqueous solutions. <i>RSC Advances</i> , 2020, 10, 39284-39294.	3.7	13
9	Fabricación de hidrogeles entrecruzados de carboximetil celulosa-SiO ₂ : Composición y estabilidad térmica hacia aplicaciones biomédicas. <i>Ipsa Scientia: Revista Científica Multidisciplinaria</i> , 2020, 5, 60-71.	0.3	1
10	Activated Carbon from Yam Peels Modified with Fe ₃ O ₄ for Removal of 2,4-Dichlorophenoxyacetic Acid in Aqueous Solution. <i>Water (Switzerland)</i> , 2019, 11, 2342.	2.8	32
11	Modification of Cotton Fibers with Magnetite and Magnetic Core-Shell Mesoporous Silica Nanoparticles. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1800266.	1.9	15