

Almudena GÃ³mez-AvilÃ©s

List of Publications by Year in descending order

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27
papers

1,427
citations

393982

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h-index

610482

24
g-index

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all docs

27
docs citations

27
times ranked

1819
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on the Synthesis and Characterization of Metal Organic Frameworks for Photocatalytic Water Purification. <i>Catalysts</i> , 2019, 9, 52.	1.6	215
2	Mixed Ti-Zr metal-organic-frameworks for the photodegradation of acetaminophen under solar irradiation. <i>Applied Catalysis B: Environmental</i> , 2019, 253, 253-262.	10.8	137
3	Adsorption of ibuprofen on organo-sepiolite and on zeolite/sepiolite heterostructure: Synthesis, characterization and statistical physics modeling. <i>Chemical Engineering Journal</i> , 2019, 371, 868-875.	6.6	92
4	Review on Activated Carbons by Chemical Activation with FeCl ₃ . <i>Journal of Carbon Research</i> , 2020, 6, 21.	1.4	86
5	C-modified TiO ₂ using lignin as carbon precursor for the solar photocatalytic degradation of acetaminophen. <i>Chemical Engineering Journal</i> , 2019, 358, 1574-1582.	6.6	82
6	A Review on the Synthesis and Characterization of Biomass-Derived Carbons for Adsorption of Emerging Contaminants from Water. <i>Journal of Carbon Research</i> , 2018, 4, 63.	1.4	80
7	Degradation pathways of emerging contaminants using TiO ₂ -activated carbon heterostructures in aqueous solution under simulated solar light. <i>Chemical Engineering Journal</i> , 2020, 392, 124867.	6.6	76
8	Clay-Graphene Nanoplatelets Functional Conducting Composites. <i>Advanced Functional Materials</i> , 2016, 26, 7394-7405.	7.8	70
9	Semiconductor Photocatalysis for Water Purification. , 2019, , 581-651.		68
10	Multifunctional materials based on graphene-like/sepiolite nanocomposites. <i>Applied Clay Science</i> , 2010, 47, 203-211.	2.6	59
11	Functionalized Carbon-Silicates from Caramel-Sepiolite Nanocomposites. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 923-925.	7.2	58
12	Green oxidation of fatty alcohols: Challenges and opportunities. <i>Applied Catalysis A: General</i> , 2014, 474, 211-223.	2.2	57
13	Microwave-assisted synthesis of NH ₂ -MIL-125(Ti) for the solar photocatalytic degradation of aqueous emerging pollutants in batch and continuous tests. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106230.	3.3	56
14	Effect of Activating Agent on the Properties of TiO ₂ /Activated Carbon Heterostructures for Solar Photocatalytic Degradation of Acetaminophen. <i>Materials</i> , 2019, 12, 378.	1.3	51
15	Simultaneous adsorption of acetaminophen, diclofenac and tetracycline by organo-sepiolite: Experiments and statistical physics modelling. <i>Chemical Engineering Journal</i> , 2021, 404, 126601.	6.6	48
16	Silica-Sepiolite Nanoarchitectures. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 2897-2907.	0.9	30
17	Thermal Post-Treatments to Enhance the Water Stability of NH ₂ -MIL-125(Ti). <i>Catalysts</i> , 2020, 10, 603.	1.6	30
18	Layered double hydroxide/sepiolite heterostructured materials. <i>Applied Clay Science</i> , 2016, 130, 83-92.	2.6	29

#	ARTICLE	IF	CITATIONS
19	Selective oxidation of 1-octanol over gold supported on mesoporous metal-modified HMS: The effect of the support. <i>Catalysis Today</i> , 2014, 227, 65-70.	2.2	22
20	Comparative study of the synthesis of layered transition metal molybdates. <i>Journal of Solid State Chemistry</i> , 2010, 183, 198-207.	1.4	19
21	Polymer-Clay Nanocomposites as Precursors of Nanostructured Carbon Materials for Electrochemical Devices: Templating Effect of Clays. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 1741-1750.	0.9	15
22	Anchoring of 10-phenylphenothiazine to mesoporous silica materials: A water compatible organic photocatalyst for the degradation of pollutants. <i>Journal of Materials Science and Technology</i> , 2022, 103, 134-143.	5.6	13
23	Heterogeneous selective oxidation of fatty alcohols: Oxidation of 1-tetradecanol as a model substrate. <i>Catalysis Today</i> , 2014, 238, 49-53.	2.2	8
24	Silacrown Ethers-Clay Intercalation Materials: Application in Potentiometric Sensors for Detection of Alkali-Ions. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 608-616.	2.0	8
25	Zeolite- γ -sepiolite nanoheterostructures. <i>Journal of Nanostructure in Chemistry</i> , 2014, 4, 1.	5.3	7
26	Structured photocatalysts for the removal of emerging contaminants under visible or solar light. , 2020, , 41-98.		6
27	Metal-organic frameworks for water purification. , 2020, , 241-283.		5