

# Laura Mabel Sanchez

## List of Publications by Year in descending order

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26  
papers

450  
citations

840776

11  
h-index

752698

20  
g-index

29  
all docs

29  
docs citations

29  
times ranked

551  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellulose Nanofiber-Based Aerogels from Wheat Straw: Influence of Surface Load and Lignin Content on Their Properties and Dye Removal Capacity. <i>Biomolecules</i> , 2022, 12, 232.	4.0	28
2	Cellulose nanofibers/PVA blend polymeric beads containing in-situ prepared magnetic nanorods as dye pollutants adsorbents. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1211-1221.	7.5	10
3	Tillandsia Aeranthes flower-like magnetic nanostructures confined into polyvinyl alcohol beads. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50261.	2.6	3
4	Advanced applications of green materials in nitrate, phosphate, and fluoride removal. , 2021, , 423-459.		2
5	Bentonite-composite polyvinyl alcohol/alginate hydrogel beads: Preparation, characterization and their use as arsenic removal devices. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2020, 14, 100364.	2.9	20
6	Pesticide removal from industrial effluents using biopolymeric materials. , 2020, , 359-382.		3
7	Physically-crosslinked polyvinyl alcohol composite hydrogels containing clays, carbonaceous materials and magnetic nanoparticles as fillers. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103795.	6.7	27
8	Ecofriendly-developed Polyacrylic Acid-coated Magnetic Nanoparticles as Catalysts in Photo-fenton Processes. <i>Advanced Materials Letters</i> , 2020, 11, 1-5.	0.6	2
9	Engineered Nanomaterials for Emerging Contaminant Removal from Wastewater. , 2020, , 1-22.		5
10	Advances in Magnetic Noble Metal/Iron-Based Oxide Hybrid Nanoparticles as Biomedical Devices. <i>Bioengineering</i> , 2019, 6, 75.	3.5	33
11	Development of potentially biocompatible hydrogels with cylindrical pores prepared from polyvinyl alcohol and low-molecular weight polyacrylic acid. <i>Polymer Engineering and Science</i> , 2019, 59, 1479-1488.	3.1	11
12	Sorption behavior of polyvinyl alcohol/bentonite hydrogels for dyes removal. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	41
13	Phantom gels towards medicine improvement: uses for magnetic device tests and enhancements on magnetic-dependent clinical techniques. , 2019, , 435-456.		2
14	Effect of PAA-coated magnetic nanoparticles on the performance of PVA-based hydrogels developed to be used as environmental remediation devices. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	1.9	22
15	Acid-treated Bentonite as filler in the development of novel composite PVA hydrogels. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47663.	2.6	25
16	Polyacrylic acid-coated iron oxide magnetic nanoparticles: The polymer molecular weight influence. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 543, 28-37.	4.7	72
17	Nanocomposite Materials for Dyes Removal. , 2018, , 922-951.		13
18	Thermal properties of hydrogel-clay nano-composites. <i>Advanced Materials Letters</i> , 2018, 9, 505-509.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Activity of immobilized metallic phthalocyanines in the multicomponent synthesis of dihydropyridine derivatives and their subsequent aromatization. <i>Molecular Catalysis</i> , 2017, 435, 1-12.	2.0	9
20	Ferrogels : Smart Materials for Biomedical and Remediation Applications. , 2017, , 561-579.		5
21	Simple and ecofriendly synthesis of dihydropyrimidinones (thiones), dihydropyridines, and pyridines using 3- <i>o</i> -formylchromones as substrates assisted by a recyclable Preyssler heteropolyacid. <i>Heteroatom Chemistry</i> , 2016, 27, 295-305.	0.7	4
22	Heteropolycompounds as catalysts for biomass product transformations. <i>Catalysis Reviews - Science and Engineering</i> , 2016, 58, 497-586.	12.9	51
23	Suitable Multicomponent Organic Synthesis using Heteropolycompounds as Catalysts. <i>Mini-Reviews in Organic Chemistry</i> , 2015, 12, 115-126.	1.3	16
24	Vanadium-Substituted Wells-Dawson Heteropolyacid as Catalyst for Liquid Phase Oxidation of 1,4-Dihydropyridine Derivative. <i>Catalysis Letters</i> , 2014, 144, 172-180.	2.6	8
25	P2W18O62·24H2O as an efficient and recyclable catalyst for the ecofriendly preparation of 1,2-aminocrotonates. <i>Canadian Journal of Chemistry</i> , 2013, 91, 137-142.	1.1	2
26	Solvent-free synthesis of functionalized pyridine derivatives using Wells-Dawson heteropolyacid as catalyst. <i>Tetrahedron Letters</i> , 2011, 52, 4412-4416.	1.4	31