

LucÃ-a Z Flores-LÃ³pez

List of Publications by Year in descending order

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29
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docs citations

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1238
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver nanoparticles: Electron transfer, reactive oxygen species, oxidative stress, beneficial and toxicological effects. Mini review. <i>Journal of Applied Toxicology</i> , 2019, 39, 16-26.	2.8	169
2	A green synthesis of copper nanoparticles using native cyclodextrins as stabilizing agents. <i>Journal of Saudi Chemical Society</i> , 2017, 21, 341-348.	5.2	104
3	Study of the green synthesis of silver nanoparticles using a natural extract of dark or white <i>Salvia hispanica</i> L. seeds and their antibacterial application. <i>Applied Surface Science</i> , 2019, 489, 952-961.	6.1	91
4	Structure/Enantioselectivity Study of the Asymmetric Addition of Trimethylsilylcyanide to Benzaldehyde Catalyzed by Ti(IV)-Schiff Base Complexes. <i>Organometallics</i> , 2000, 19, 2153-2160.	2.3	79
5	Study of the effect of the different parts of <i>Morinda citrifolia</i> L. (noni) on the green synthesis of silver nanoparticles and their antibacterial activity. <i>Applied Surface Science</i> , 2021, 537, 147855.	6.1	48
6	Green synthesis of copper nanoparticles using different plant extracts and their antibacterial activity. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107130.	6.7	45
7	A study of substituent effects on the enantioselective trimethylsilylcyanation of benzaldehyde catalyzed by chiral Schiff base-titanium(IV) complexes. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 1167-1174.	1.8	42
8	Synthesis, kinetics and photocatalytic study of ultra-small Ag-NPs obtained by a green chemistry method using an extract of <i>Rosa Andeli™</i> double delight petals. <i>Journal of Colloid and Interface Science</i> , 2015, 458, 169-177.	9.4	42
9	Effect of molecular weight of PEG or PVA as reducing-stabilizing agent in the green synthesis of silver-nanoparticles. <i>European Polymer Journal</i> , 2016, 83, 265-277.	5.4	42
10	Steric effects in the design of chiral Schiff base-titanium complexes: new catalysts for asymmetric trimethylsilylcyanation of aldehydes. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 149-154.	1.8	36
11	A comparative study of the effect of β -, γ -, and δ -cyclodextrins as stabilizing agents in the synthesis of silver nanoparticles using a green chemistry method. <i>Materials Science and Engineering C</i> , 2014, 43, 21-26.	7.3	35
12	Ruthenium(II)-assisted asymmetric hydrogen transfer reduction of acetophenone using chiral tridentate phosphorus-containing ligands derived from (1R, 2R)-1,2-diaminocyclohexane. <i>Journal of Molecular Catalysis A</i> , 2004, 215, 73-79.	4.8	18
13	Oxidation of sulfides to chiral sulfoxides using Schiff base-vanadium (IV) complexes. <i>Arkivoc</i> , 2006, 2003, 4-15.	0.5	17
14	Development of an enantioselective membrane from cellulose acetate propionate/cellulose acetate, for the separation of trans-stilbene oxide. <i>Cellulose</i> , 2014, 21, 1987-1995.	4.9	16
15	Green Synthesis of Silver Nanoparticles: Effect of Dextran Molecular Weight Used as Stabilizing-Reducing Agent. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 9849-9855.	0.9	13
16	Silver nanoparticles supported on polyethylene glycol/cellulose acetate ultrafiltration membranes: preparation and characterization of composite. <i>Cellulose</i> , 2017, 24, 4997-5012.	4.9	11
17	SYNTHESIS AND CHARACTERIZATION OF ASYMMETRIC ULTRAFILTRATION MEMBRANE MADE WITH RECYCLED POLYSTYRENE FOAM AND DIFFERENT ADDITIVES. <i>Journal of the Chilean Chemical Society</i> , 2008, 53, .	1.2	10
18	Synthesis of Some New Chiral Sulfonamide Ligands. <i>Synthetic Communications</i> , 2000, 30, 147-155.	2.1	8

#	ARTICLE	IF	CITATIONS
19	Microstrain analyses of Fe ₃ O ₄ NPs greenly synthesized using Gardenia jasminoides flower extract, during the photocatalytic removal of a commercial dye. Applied Nanoscience (Switzerland), 2020, 10, 127-140.	3.1	6
20	Synthesis and characterization of silver nanoparticles supported on Bivalve mollusk shell for catalytic degradation of commercial dyes. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 419, 113481.	3.9	5
21	EFFECT OF THE MEMBRANE CHARACTERISTICS AND OPERATION MODES, IN THE FOULING OF ULTRAFILTRATION MEMBRANES BY NATURAL ORGANIC MATTER (NOM). Journal of the Chilean Chemical Society, 2012, 57, 1083-1086.	1.2	4
22	Ethanol:water blends separation using ultrafiltration membranes of poly(acrylamide-co-acrylic acid) partial sodium salt and polyacrylamide. Canadian Journal of Chemical Engineering, 2018, 96, 763-769.	1.7	3
23	Prediction of metal ion rejection in electro-cross-flow ultrafiltration using an artificial neural network. Desalination and Water Treatment, 2011, 36, 105-118.	1.0	2
24	Preparation and characterization of PVA/PASA-PVA/PDDAB bipolar membrane. Journal of the Brazilian Chemical Society, 2009, 20, 1294-1301.	0.6	2
25	A Study of Substituent Effects on the Enantioselective Trimethylsilylcyanation of Benzaldehyde Catalyzed by Chiral Schiff Base-Titanium(IV) Complexes.. ChemInform, 2005, 36, no.	0.0	0
26	Electro-Cross-Flow Ultrafiltration System for the Rejection of Nickel Ions from Aqueous Solution, and Sugeno Fuzzy Model Simulation. Chemical Engineering Communications, 2015, 202, 936-945.	2.6	0