LucÃ-a Z Flores-LÃ³pez

List of Publications by Year
in descending order

26 papers	848 citations	623734 14 h-index	610901 24 g-index
29 all docs	29 docs citations	29 times ranked	1238 citing authors

#	Article	IF	Citations
1	Green synthesis of copper nanoparticles using different plant extracts and their antibacterial activity. Journal of Environmental Chemical Engineering, 2022, 10, 107130.	6.7	45
2	Study of the effect of the different parts of Morinda citrifolia L. (noni) on the green synthesis of silver nanoparticles and their antibacterial activity. Applied Surface Science, 2021, 537, 147855.	6.1	48
3	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
4	Microstrain analyses of Fe3O4NPs 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
5	Silver nanoparticles: Electron transfer, reactive oxygen species, oxidative stress, beneficial and toxicological effects. Mini review. Journal of Applied Toxicology, 2019, 39, 16-26.	2.8	169
6	Study of the green synthesis of silver nanoparticles using a natural extract of dark or white Salvia hispanica L. seeds and their antibacterial application. Applied Surface Science, 2019, 489, 952-961.	6.1	91
7	Ethanol:water blends separation using ultrafiltration membranes of poly(acrylamideâ€coâ€acrylic acid) partial sodium salt and polyacrylamide. Canadian Journal of Chemical Engineering, 2018, 96, 763-769.	1.7	3
8	Silver nanoparticles supported on polyethylene glycol/cellulose acetate ultrafiltration membranes: preparation and characterization of composite. Cellulose, 2017, 24, 4997-5012.	4.9	11
9	A green synthesis of copper nanoparticles using native cyclodextrins as stabilizing agents. Journal of Saudi Chemical Society, 2017, 21, 341-348.	5.2	104
10	Effect of molecular weight of PEG or PVA as reducing-stabilizing agent in the green synthesis of silver-nanoparticles. European Polymer Journal, 2016, 83, 265-277.	5.4	42
11	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
12	Green Synthesis of Silver Nanoparticles: Effect of Dextran Molecular Weight Used as Stabilizing-Reducing Agent. Journal of Nanoscience and Nanotechnology, 2015, 15, 9849-9855.	0.9	13
13	Synthesis, kinetics and photocatalytic study of â€œultra-smallâ€•Ag-NPs obtained by a green chemistry method using an extract of Rosa â€˜Andeliâ€™ double delight petals. Journal of Colloid and Interface Science, 2015, 458, 169-177.	9.4	42
14	A comparative study of the effect of Î±-, Î²-, and Î³-cyclodextrins as stabilizing agents in the synthesis of silver nanoparticles using a green chemistry method. Materials Science and Engineering C, 2014, 43, 21-26.	7.3	35
15	Development of an enantioselective membrane from cellulose acetate propionate/cellulose acetate, for the separation of trans-stilbene oxide. Cellulose, 2014, 21, 1987-1995.	4.9	16
16	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
17	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
18	Preparation and characterization of PVA/PASA-PVA/PDDAB bipolar membrane. Journal of the Brazilian Chemical Society, 2009, 20, 1294-1301.	0.6	2

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19	SYNTHESIS AND CHARACTERIZATION OF ASYMMETRIC ULTRAFILTRATION MEMBRANE MADE WITH RECYCLED POLYSTYRENE FOAM AND DIFFERENT ADDITIVES. Journal of the Chilean Chemical Society, 2008, 53, .	1.2	10
20	Oxidation of sulfides to chiral sulfoxides using Schiff base-vanadium (IV) complexes. Arkivoc, 2006, 2003, 4-15.	0.5	17
21	A study of substituent effects on the enantioselective trimethylsilylcyanation of benzaldehyde catalyzed by chiral Schiff baseâ€“titanium(IV) complexes. Tetrahedron: Asymmetry, 2005, 16, 1167-1174.	1.8	42
22	A Study of Substituent Effects on the Enantioselective Trimethylsilylcyanation of Benzaldehyde Catalyzed by Chiral Schiff Baseâ€”Titanium(IV) Complexes.. ChemInform, 2005, 36, no.	0.0	0
23	Ruthenium(II)-assisted asymmetric hydrogen transfer reduction of acetophenone using chiral tridentate phosphorus-containing ligands derived from (1R, 2R)-1,2-diaminocyclohexane. Journal of Molecular Catalysis A, 2004, 215, 73-79.	4.8	18
24	Steric effects in the design of chiral Schiff baseâ€“titanium complexes: new catalysts for asymmetric trimethylsilylcyanation of aldehydes. Tetrahedron: Asymmetry, 2002, 13, 149-154.	1.8	36
25	Synthesis of Some New Chiral Sulfonamide Ligands. Synthetic Communications, 2000, 30, 147-155.	2.1	8
26	Structure/Enantioselectivity Study of the Asymmetric Addition of Trimethylsilylcyanide to Benzaldehyde Catalyzed by Ti(IV)â^'Schiff Base Complexes. Organometallics, 2000, 19, 2153-2160.	2.3	79