

Helen Ferraz

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

441
citations

11
h-index

19
g-index

46
ext. papers

550
ext. citations

4.1
avg, IF

3.93
L-index

#	Paper	IF	Citations
43	Nanostructured membranes containing UiO-66 (Zr) and MIL-101 (Cr) for O ₂ /N ₂ and CO ₂ /N ₂ separation. <i>Separation and Purification Technology</i> , 2018 , 192, 491-500	8.3	61
42	Biosurfactant microfoam: Application in the removal of pollutants from soil. <i>Journal of Environmental Chemical Engineering</i> , 2015 , 3, 89-94	6.8	43
41	Recent achievements in facilitated transport membranes for separation processes. <i>Brazilian Journal of Chemical Engineering</i> , 2007 , 24, 101-118	1.7	34
40	Characterization of polymeric membranes used in vegetable oil/organic solvents separation. <i>Journal of Membrane Science</i> , 2010 , 362, 495-500	9.6	32
39	Comparison of Nanofiltration and Direct Contact Membrane Distillation as an alternative for gold mining effluent reclamation. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018 , 133, 24-33	3.7	23
38	Effect of seawater ionic composition modified by nanofiltration on enhanced oil recovery in Berea sandstone. <i>Fuel</i> , 2017 , 203, 222-232	7.1	19
37	The effect of calcination atmosphere on structural properties of Y-doped SrTiO ₃ perovskite anode for SOFC prepared by solid-state reaction. <i>Ceramics International</i> , 2019 , 45, 9761-9770	5.1	17
36	Liquid-liquid extraction of succinic acid using a hollow fiber membrane contactor. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 21, 206-211	6.3	14
35	Coupling of an electrodialysis unit to a hollow fiber bioreactor for separation of gluconic acid from sorbitol produced by <i>Zymomonas mobilis</i> permeabilized cells. <i>Journal of Membrane Science</i> , 2001 , 191, 43-51	9.6	14
34	A Brazilian cohort of individuals with Phelan-McDermid syndrome: genotype-phenotype correlation and identification of an atypical case. <i>Journal of Neurodevelopmental Disorders</i> , 2019 , 11, 13	4.6	13
33	Evaluation of the stability of concentrated emulsions for lemon beverages using sequential experimental designs. <i>PLoS ONE</i> , 2015 , 10, e0118690	3.7	13
32	Anion-exchange purification of recombinant factor IX from cell culture supernatant using different chromatography supports. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013 , 938, 111-8	3.2	11
31	Assessing potential of nanofiltration for sulfuric acid plant effluent reclamation: Operational and economic aspects. <i>Separation and Purification Technology</i> , 2019 , 222, 369-380	8.3	10
30	Langmuir-Blodgett films of cholesterol oxidase and S-layer proteins onto screen-printed electrodes. <i>Applied Surface Science</i> , 2014 , 298, 68-74	6.7	10
29	Monomolecular films of cholesterol oxidase and S-Layer proteins. <i>Applied Surface Science</i> , 2011 , 257, 6535-6539	6.7	10
28	Carbon-based electrode loaded with Y-doped SrTiO ₃ perovskite as support for enzyme immobilization in biosensors. <i>Ceramics International</i> , 2020 , 46, 3592-3599	5.1	10
27	Encapsulation of β -tocopherol and β -carotene in concentrated oil-in-water beverage emulsions stabilized with whey protein isolate. <i>Journal of Dispersion Science and Technology</i> , 2017 , 38, 89-95	1.5	9

26	Adsorption of horseradish peroxidase onto titanate nanowires. <i>Journal of Chemical Technology and Biotechnology</i> , 2015 , 90, 739-746	3.5	9
25	Environmentally friendly rhamnolipid production for petroleum remediation. <i>Chemosphere</i> , 2020 , 252, 126349	8.4	9
24	Immobilization of horseradish peroxidase on titanate nanowires for biosensing application. <i>Journal of Applied Electrochemistry</i> , 2016 , 46, 17-25	2.6	8
23	Development of functionalized polyetherimide/polyvinylpyrrolidone membranes for application in hemodialysis. <i>Journal of Materials Science: Materials in Medicine</i> , 2017 , 28, 131	4.5	8
22	Sorbitol and gluconic acid production using permeabilized zymomonas mobilis cells confined by hollow-fiber membranes. <i>Applied Biochemistry and Biotechnology</i> , 2000 , 89, 43-53	3.2	8
21	Nanostructured screen-printed electrodes based on titanate nanowires for biosensing applications. <i>Materials Science and Engineering C</i> , 2017 , 70, 15-20	8.3	7
20	Membrane adsorber for endotoxin removal. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2016 , 52, 171-178		7
19	Dispersant effects on YSZ electrolyte characteristics for solid oxide fuel cells. <i>Ceramics International</i> , 2015 , 41, 6141-6148	5.1	6
18	Adsorption of Myoglobin onto Hydroxyapatite Modified with Metal Ions. <i>Adsorption Science and Technology</i> , 2007 , 25, 717-727	3.6	6
17	Biocatalytic membrane reactor with continuous removal of organic acids by electro dialysis. <i>Membrane Science and Technology</i> , 2003 , 8, 241-261		6
16	Production and Functionalization of P(MMA-co-AA) Nanoparticles by Miniemulsion Polymerization. <i>Macromolecular Symposia</i> , 2016 , 368, 70-77	0.8	6
15	Removal of lactobionic acid by electro dialysis. <i>Brazilian Journal of Chemical Engineering</i> , 2014 , 31, 1003-1011		3
14	Analysis of experimental errors in bioprocesses. 1. Production of lactobionic acid and sorbitol using the GFOR (glucose-fructose oxidoreductase) enzyme from permeabilized cells of Zymomonas mobilis. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2011 , 38, 1575-85	4.2	3
13	POLYETHERIMIDE/POLYVINYLPIRROLIDONE HOLLOW-FIBER MEMBRANES FOR USE IN HEMODIALYSIS. <i>Brazilian Journal of Chemical Engineering</i> , 2019 , 36, 1645-1652	1.7	3
12	P(MMA-co-AA) Nanoparticles Loaded with Clloquinol and Functionalized with TAT Peptide. <i>Macromolecular Reaction Engineering</i> , 2020 , 14, 1900046	1.5	3
11	Curcuminoids-conjugated multicore magnetic nanoparticles: Design and characterization of a potential theranostic nanoplatform. <i>Journal of Alloys and Compounds</i> , 2021 , 879, 160448	5.7	2
10	Activity of Horseradish Peroxidase Adsorbed onto Titanate Nanowires. <i>Adsorption Science and Technology</i> , 2015 , 33, 127-138	3.6	1
9	Intermediate purification of CHO-derived recombinant human Factor IX using hydrophobic interaction membrane-based chromatography and its comparison to a sulfated resin. <i>Electrophoresis</i> , 2017 , 38, 2900-2908	3.6	1

8	Effects of Different Stabilizers on Miniemulsion Methyl Methacrylate Polymerizations. <i>Macromolecular Symposia</i> , 2020 , 394, 2000143	0.8	1
7	Effect of doping concentration and sintering atmosphere on the microstructural and electrical characteristics of Y-doped SrTiO ₃ perovskite anode for SOFC. <i>Ceramics International</i> , 2021 , 47, 13331-13338	5.1	0
6	A more Sustainable Polyurethane Membrane for Gas Separation at Room Temperature and Low Pressure. <i>Materials Science Forum</i> , 2019 , 965, 125-132	0.4	0
5	In situ encapsulation of praziquantel through methyl methacrylate/diethylaminoethyl methacrylate and MMA/DMAEMA miniemulsion copolymerizations in presence of distinct ionic surfactants. <i>SPE Polymers</i> , 2021 , 2, 110-121	1.1	0
4	Laser-induced wettability alteration in limestone rocks. <i>Materials Today Communications</i> , 2018 , 17, 332-340	3.9	0
3	In situ encapsulation of rivastigmine in TAT-functionalized P(MMA-co-AA) nanoparticles through miniemulsion polymerization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 624, 126776	5.1	0
2	Evaluation of interfacial properties due to the effect of dispersing agents on Brazilian medium crude oil. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 626, 127043	5.1	0
1	Solution Copolymerizations of N-Vinyl-2-Pyrrolidone with Acrylic Acid, Methacrylic Acid and Vinyl Acetate for Applications in Hair Cosmetics. <i>Macromolecular Symposia</i> , 2020 , 394, 2000144	0.8	