

Liliane Damaris Pollo

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

355
citations

1162367

8
h-index

1372195

10
g-index

11
all docs

11
docs citations

11
times ranked

477
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in the development of supported carbon membranes for gas separation. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 24830-24845.	3.8	92
2	Preparation and characterization of polyethersulfone/N-phthaloyl-chitosan ultrafiltration membrane with antifouling property. <i>European Polymer Journal</i> , 2017, 92, 61-70.	2.6	63
3	Effect of chitosan addition on the properties of films prepared with corn and cassava starches. <i>Journal of Food Science and Technology</i> , 2018, 55, 2963-2973.	1.4	47
4	Impact of acid type and glutaraldehyde crosslinking in the physicochemical and mechanical properties and biodegradability of chitosan films. <i>Polymer Bulletin</i> , 2021, 78, 981-1000.	1.7	42
5	Influence of Glutaraldehyde Crosslinking and Alkaline Post-treatment on the Properties of Chitosan-Based Films. <i>Journal of Polymers and the Environment</i> , 2018, 26, 2748-2757.	2.4	41
6	Experimental and computational analysis of carbon molecular sieve membrane formation upon polyetherimide pyrolysis. <i>Carbon</i> , 2017, 119, 21-29.	5.4	33
7	Polymeric membranes containing silver salts for propylene/propane separation. <i>Brazilian Journal of Chemical Engineering</i> , 2012, 29, 307-314.	0.7	19
8	In situ synthesis of nanosized TiO ₂ in polypropylene solution for the production of films with antibacterial activity. <i>Materials Chemistry and Physics</i> , 2020, 246, 122824.	2.0	12
9	Influence of sintering temperature on the development of alumina membrane shaped by centrifugal casting for gas separation. <i>Ceramica</i> , 2019, 65, 99-103.	0.3	4
10	Wastewater treatment in a pilot-scale submerged membrane bioreactor: study of hydrodynamics under constant operating pressure. <i>Brazilian Journal of Chemical Engineering</i> , 2018, 35, 51-61.	0.7	1
11	Alumina supports produced by dry-pressing and sintering at different temperatures for developing carbon molecular sieve membranes. <i>Ceramics International</i> , 2021, 47, 32226-32236.	2.3	1