

# Katia C S Figueiredo

## List of Publications by Year in descending order

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31  
papers

468  
citations

932766

10  
h-index

713013

21  
g-index

31  
all docs

31  
docs citations

31  
times ranked

815  
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(vinyl alcohol) films crosslinked by glutaraldehyde under mild conditions. Journal of Applied Polymer Science, 2009, 111, 3074-3080.	1.3	181
2	Synthesis and characterization of a catalytic membrane for pervaporation-assisted esterification reactors. Catalysis Today, 2008, 133-135, 809-814.	2.2	49
3	Ethyl oleate production by means of pervaporation-assisted esterification using heterogeneous catalysis. Brazilian Journal of Chemical Engineering, 2010, 27, 609-617.	0.7	35
4	Carwash wastewater treatment by micro and ultrafiltration membranes: Effects of geometry, pore size, pressure difference and feed flow rate in transport properties. Journal of Water Process Engineering, 2017, 17, 143-148.	2.6	35
5	Polydimethylsiloxane Membranes Containing Multi-walled Carbon Nanotubes for Gas Separation. Materials Research, 2017, 20, 1454-1460.	0.6	32
6	Lysozyme Adsorption onto Different Supports: A Comparative Study. Adsorption, 2005, 11, 131-138.	1.4	20
7	Performance comparison of different mathematical models in the simulation of a solar desalination by humidification-dehumidification. Desalination, 2018, 437, 184-194.	4.0	15
8	BROMELAIN SEPARATION AND PURIFICATION PROCESSES FROM PINEAPPLE EXTRACT. Brazilian Journal of Chemical Engineering, 2019, 36, 1029-1039.	0.7	14
9	Structural Stability of Myoglobin in Organic Media. Protein Journal, 2009, 28, 224-232.	0.7	13
10	Evaluation of fouling mechanisms in nanofiltration as a polishing step of yeast MBR-treated landfill leachate. Environmental Technology (United Kingdom), 2019, 40, 3611-3621.	1.2	12
11	Monolayer and bilayer graphene on polydimethylsiloxane as a composite membrane for gas barrier applications. Journal of Applied Polymer Science, 2017, 134, 45521.	1.3	10
12	Preparation and release characteristics of dexamethasone acetate loaded organochlorine-free poly(lactide-co-glycolide) nanoparticles. Journal of Applied Polymer Science, 2014, 131, .	1.3	8
13	Myoglobin entrapment in poly(vinyl alcohol) dense membranes. Brazilian Journal of Chemical Engineering, 2014, 31, 747-756.	0.7	6
14	Fractionation of Apis mellifera venom by means of ultrafiltration: removal of phospholipase A 2. Brazilian Journal of Chemical Engineering, 2018, 35, 229-236.	0.7	5
15	Tailored Degree of Functionalization and Length Preservation of Multiwalled Carbon Nanotubes by an Optimized Acid Treatment Process. Journal of the Brazilian Chemical Society, 0, , .	0.6	4
16	Improved Functionalization of Multiwalled Carbon Nanotubes in Ultra-Low Acid Volume: Effect of Solid/Liquid Interface. Journal of the Brazilian Chemical Society, 0, , .	0.6	4
17	Activated Carbon-Loaded Polydimethylsiloxane Membranes for the Pervaporation of 1-Butanol from Aqueous Solutions. Materials Research, 2019, 22, .	0.6	4
18	Analysis of fouling mechanisms and membrane cleaning during ultrafiltration of bee venom. Separation Science and Technology, 2020, 55, 988-993.	1.3	4

#	ARTICLE	IF	CITATIONS
19	Process of production of CVD graphene membrane for desalination and water treatment: a review of experimental research results. Brazilian Journal of Chemical Engineering, 2021, 38, 423-434.	0.7	3
20	Carbon Dioxide/Nitrogen Separation Through Oxygenated Carbon Nanotubes-Containing Polysulfone Membranes. Macromolecular Symposia, 2020, 394, 2000058.	0.4	3
21	TRATAMENTO DE ÁGUA PRODUZIDA DE PETRÓLEO UTILIZANDO MICROFILTRAÇÃO. E-xacta, 2017, 10, 95.	0.1	3
22	Chemical vapor deposition graphene transfer onto asymmetric PMMA support. Journal of Applied Polymer Science, 2022, 139, 51590.	1.3	2
23	Immobilization of myoglobin in sodium alginate composite membranes. Polimeros, 2015, 25, 265-270.	0.2	1
24	Incorporation of graphene oxide on thin film composite polysulfone/polyamide membranes. Brazilian Journal of Chemical Engineering, 0, , 1.	0.7	1
25	CO2 separation by mixed matrix membranes incorporated with carbon nanotubes: a review of morphological, mechanical, thermal and transport properties. Brazilian Journal of Chemical Engineering, 2021, 38, 777-810.	0.7	1
26	Mecanismos de queda do fluxo em membranas de microfiltração de poliéterimida aplicadas à clarificação de água produzida sintética. Revista Materia, 2019, 24, .	0.1	1
27	SEPARAÇÃO DE PROTEÍNAS DE UMA SOLUÇÃO SALINA POR MEMBRANA DE DIÁLISE DE ACETATO DE CELULOSE. The Journal of Engineering and Exact Sciences, 2017, 3, 1023-1033.	0.0	1
28	Bromelain recovery from pineapple subproducts by ultrafiltration and aqueous biphasic systems: processes comparison and integration. Brazilian Journal of Chemical Engineering, 2022, 39, 175-181.	0.7	1
29	EXPERIMENTO DE SECAGEM PARA O ENSINO DE TRANSFERÊNCIA SIMULTÂNEA DE CALOR E MASSA. The Journal of Engineering and Exact Sciences, 2017, 3, .	0.0	0
30	CLARIFICAÇÃO DE SUCO DE MELANCIA ATRAVÉS DE MICROFILTRAÇÃO COM MEMBRANA DE ACETATO DE CELULOSE. The Journal of Engineering and Exact Sciences, 2017, 3, .	0.0	0
31	Adsorção de ácido acético em carvão ativado para o ensino de adsorção. The Journal of Engineering and Exact Sciences, 2020, 6, 0704-0708.	0.0	0