Monica Faria

List of Publications by Year
in descending order

25 papers	230 citations	1040056 9 h-index	996975 15 g-index
25 all docs	25 docs citations	25 times ranked	270 citing authors

#	Article	IF	Citations
1	Interaction of Human Serum Albumin with Uremic Toxins: The Need of New Strategies Aiming at Uremic Toxins Removal. Membranes, 2022, 12, 261.	3.0	5
2	The effect of ultrafiltration transmembrane permeation on the flow field in a surrogate system of an artificial kidney. Experimental Results, 2021, 2, .	0.6	5
3	Challenges of reducing protein-bound uremic toxin levels in chronic kidney disease and end stage renal disease. Translational Research, 2021, 229, 115-134.	5.0	19
4	Improving hydraulic permeability, mechanical properties, and chemical functionality of cellulose acetate-based membranes by co-polymerization with tetraethyl orthosilicate and 3-(aminopropyl)triethoxysilane. Carbohydrate Polymers, 2021, 261, 117813.	10.2	19
5	Novel Cellulose Acetate-Based Monophasic Hybrid Membranes for Improved Blood Purification Devices: Characterization under Dynamic Conditions. Membranes, 2021, 11, 825.	3.0	12
6	Synthesis and Characterization of Novel Integral Asymmetric Monophasic Celluloseâ€“Acetate/Silica/Titania and Celluloseâ€“Acetate/Titania Membranes. Membranes, 2020, 10, 195.	3.0	10
7	Sorption/Diffusion Contributions to the Gas Permeation Properties of Bi-Soft Segment Polyurethane/Polycaprolactone Membranes for Membrane Blood Oxygenators. Membranes, 2020, 10, 8.	3.0	9
8	Hybrid flat sheet cellulose acetate/silicon dioxide ultrafiltration membranes for uremic blood purification. Cellulose, 2020, 27, 3847-3869.	4.9	24
9	Synthesis of Composites of Polyurethane Membranes/Polycaprolactone Fibers for Membrane Blood Oxygenators. IFMBE Proceedings, 2020, , 1465-1468.	0.3	0
10	Hybrid Integral Asymmetric Cellulose Acetate/Silicon Dioxide Ultrafiltration Membranes for Uremic Blood Purification. IFMBE Proceedings, 2020, , 1469-1473.	0.3	0
11	Polyurethane urea membranes for membrane blood oxygenators: synthesis and gas permeation properties. , 2019, , .		1
12	Membrane Blood Oxygenators: Oxygen Mass Transfer in a Gas/Membrane/Liquid System. , 2019, , .		0
13	Co-current crossflow microfiltration in a microchannel. Biomedical Microdevices, 2019, 21, 12.	2.8	2
14	Modeling of fouling in crossâ€flow microfiltration of suspensions. AICHE Journal, 2019, 65, 207-213.	3.6	5
15	Structure of water in hybrid cellulose acetate-silica ultrafiltration membranes and permeation properties. Carbohydrate Polymers, 2018, 189, 342-351.	10.2	41
16	Erythrocyte fouling on micro-engineered membranes. Biomedical Microdevices, 2018, 20, 55.	2.8	4
17	Oxygen mass transfer in a gas/membrane/liquid system surrogate of membrane blood oxygenators. AICHE Journal, 2018, 64, 3756-3763.	3.6	8
18	Spallation of Small Particles From Peristaltic Pump Tube Segments. Artificial Organs, 2017, 41, 672-677.	1.9	7

#	Article	IF	Citations
19	Particle Spallation in a Microfluidic Blood Processing Device: The Problem of Using Peristaltic Pumps and Silicon-based Microfilters. International Journal of Artificial Organs, 2017, 40, 589-593.	1.4	3
20	Phase segregation and gas permeation properties of poly(urethane urea) bi-soft segment membranes. European Polymer Journal, 2016, 82, 260-276.	5.4	14
21	Extracorporeal Blood Oxygenation Devices, Membranes for. , 2013, , 1-19.		2
22	Surface Characterization of Asymmetric Bi-Soft Segment Poly(ester urethane urea) Membranes for Blood-Oxygenation Medical Devices. International Journal of Biomaterials, 2012, 2012, 1-9.	2.4	12
23	Tailoring bi-soft segment poly (ester urethane urea) integral asymmetric membranes for CO2 and O2 permeation. Journal of Membrane Science, 2012, 387-388, 66-75.	8.2	4
24	Sub-micron tailoring of bi-soft segment asymmetric polyurethane membrane surfaces with enhanced hemocompatibility properties. Colloids and Surfaces B: Biointerfaces, 2011, 86, 21-27.	5.0	16
25	Surface and Hemocompatibility Studies of Bi-Soft Segment Polyurethane Membranes. International Journal of Artificial Organs, 2006, 29, 866-872.	1.4	8