

Monica Faria

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8956567/publications.pdf>

Version: 2024-02-01

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 | Structure of water in hybrid cellulose acetate-silica ultrafiltration membranes and permeation properties. <i>Carbohydrate Polymers</i> , 2018, 189, 342-351. | 10.2 | 41 |
| 2 | Hybrid flat sheet cellulose acetate/silicon dioxide ultrafiltration membranes for uremic blood purification. <i>Cellulose</i> , 2020, 27, 3847-3869. | 4.9 | 24 |
| 3 | Challenges of reducing protein-bound uremic toxin levels in chronic kidney disease and end stage renal disease. <i>Translational Research</i> , 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. <i>Carbohydrate Polymers</i> , 2021, 261, 117813. | 10.2 | 19 |
| 5 | Sub-micron tailoring of bi-soft segment asymmetric polyurethane membrane surfaces with enhanced hemocompatibility properties. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 86, 21-27. | 5.0 | 16 |
| 6 | Phase segregation and gas permeation properties of poly(urethane urea) bi-soft segment membranes. <i>European Polymer Journal</i> , 2016, 82, 260-276. | 5.4 | 14 |
| 7 | Surface Characterization of Asymmetric Bi-Soft Segment Poly(ester urethane urea) Membranes for Blood-Oxygenation Medical Devices. <i>International Journal of Biomaterials</i> , 2012, 2012, 1-9. | 2.4 | 12 |
| 8 | Novel Cellulose Acetate-Based Monophasic Hybrid Membranes for Improved Blood Purification Devices: Characterization under Dynamic Conditions. <i>Membranes</i> , 2021, 11, 825. | 3.0 | 12 |
| 9 | Synthesis and Characterization of Novel Integral Asymmetric Monophasic Cellulose- α -Acetate/Silica/Titania and Cellulose- α -Acetate/Titania Membranes. <i>Membranes</i> , 2020, 10, 195. | 3.0 | 10 |
| 10 | Sorption/Diffusion Contributions to the Gas Permeation Properties of Bi-Soft Segment Polyurethane/Polycaprolactone Membranes for Membrane Blood Oxygenators. <i>Membranes</i> , 2020, 10, 8. | 3.0 | 9 |
| 11 | Surface and Hemocompatibility Studies of Bi-Soft Segment Polyurethane Membranes. <i>International Journal of Artificial Organs</i> , 2006, 29, 866-872. | 1.4 | 8 |
| 12 | Oxygen mass transfer in a gas/membrane/liquid system surrogate of membrane blood oxygenators. <i>AIChE Journal</i> , 2018, 64, 3756-3763. | 3.6 | 8 |
| 13 | Spallation of Small Particles From Peristaltic Pump Tube Segments. <i>Artificial Organs</i> , 2017, 41, 672-677. | 1.9 | 7 |
| 14 | Modeling of fouling in cross-flow microfiltration of suspensions. <i>AIChE Journal</i> , 2019, 65, 207-213. | 3.6 | 5 |
| 15 | The effect of ultrafiltration transmembrane permeation on the flow field in a surrogate system of an artificial kidney. <i>Experimental Results</i> , 2021, 2, . | 0.6 | 5 |
| 16 | Interaction of Human Serum Albumin with Uremic Toxins: The Need of New Strategies Aiming at Uremic Toxins Removal. <i>Membranes</i> , 2022, 12, 261. | 3.0 | 5 |
| 17 | Tailoring bi-soft segment poly (ester urethane urea) integral asymmetric membranes for CO ₂ and O ₂ permeation. <i>Journal of Membrane Science</i> , 2012, 387-388, 66-75. | 8.2 | 4 |
| 18 | Erythrocyte fouling on micro-engineered membranes. <i>Biomedical Microdevices</i> , 2018, 20, 55. | 2.8 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Particle Spallation in a Microfluidic Blood Processing Device: The Problem of Using Peristaltic Pumps and Silicon-based Microfilters. <i>International Journal of Artificial Organs</i> , 2017, 40, 589-593. | 1.4 | 3 |
| 20 | Co-current crossflow microfiltration in a microchannel. <i>Biomedical Microdevices</i> , 2019, 21, 12. | 2.8 | 2 |
| 21 | Extracorporeal Blood Oxygenation Devices, <i>Membranes for</i> , 2013, , 1-19. | | 2 |
| 22 | Polyurethane urea membranes for membrane blood oxygenators: synthesis and gas permeation properties. , 2019, , . | | 1 |
| 23 | Membrane Blood Oxygenators: Oxygen Mass Transfer in a Gas/Membrane/Liquid System. , 2019, , . | | 0 |
| 24 | Synthesis of Composites of Polyurethane Membranes/Polycaprolactone Fibers for Membrane Blood Oxygenators. <i>IFMBE Proceedings</i> , 2020, , 1465-1468. | 0.3 | 0 |
| 25 | Hybrid Integral Asymmetric Cellulose Acetate/Silicon Dioxide Ultrafiltration Membranes for Uremic Blood Purification. <i>IFMBE Proceedings</i> , 2020, , 1469-1473. | 0.3 | 0 |