

# Alberto Figoli

## List of Publications by Year in Descending Order

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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.

243  
papers

5,918  
citations

42  
h-index

63  
g-index

255  
ext. papers

7,238  
ext. citations

6.2  
avg, IF

6.27  
L-index

#	Paper	IF	Citations
243	A Combination of Aqueous Extraction and Ultrafiltration for the Purification of Phycocyanin from .. <i>Microorganisms</i> , <b>2022</b> , 10,	4.9	1
242	The influence of coating super-hydrophobic carbon nanomaterials on the performance of membrane distillation. <i>Applied Water Science</i> , <b>2022</b> , 12, 1	5	1
241	Sustainable fabrication and pervaporation application of bio-based membranes: Combining a polyhydroxyalkanoate (PHA) as biopolymer and Cyrene <sup>®</sup> as green solvent. <i>Journal of Membrane Science</i> , <b>2022</b> , 643, 120061	9.6	5
240	Towards azeotropic MeOH-MTBE separation using pervaporation chitosan-based deep eutectic solvent membranes. <i>Separation and Purification Technology</i> , <b>2022</b> , 281, 119979	8.3	11
239	Arsenic polluted waters: Application of geochemical modelling as a tool to understand the release and fate of the pollutant in crystalline aquifers. <i>Journal of Environmental Management</i> , <b>2022</b> , 301, 113796	7.9	14
238	A multivariate non-parametric approach for estimating probability of exceeding the local natural background level of arsenic in the aquifers of Calabria region (Southern Italy). <i>Science of the Total Environment</i> , <b>2022</b> , 806, 150345	10.2	19
237	Launching deep eutectic solvents (DESs) and natural deep eutectic solvents (NADESS), in combination with different harmless co-solvents, for the preparation of more sustainable membranes. <i>Journal of Membrane Science</i> , <b>2022</b> , 649, 120387	9.6	2
236	Novel bio-polymer based membranes for CO <sub>2</sub> /CH <sub>4</sub> separation. <i>International Journal of Greenhouse Gas Control</i> , <b>2022</b> , 117, 103657	4.2	0
235	Use of reaction path modelling to investigate the evolution of water chemistry in shallow to deep crystalline aquifers with a special focus on fluoride.. <i>Science of the Total Environment</i> , <b>2022</b> , 830, 154566	10.2	9
234	Pervaporation and membrane distillation technology in biorefinery <b>2022</b> , 251-280		
233	Inorganic Pollutants into Groundwater: From Geochemistry to Treatment. <i>Geofluids</i> , <b>2022</b> , 2022, 1-3	1.5	1
232	One-Step Fabrication of Novel Polyethersulfone-Based Composite Electrospun Nanofiber Membranes for Food Industry Wastewater Treatment.. <i>Membranes</i> , <b>2022</b> , 12,	3.8	2
231	Nanomaterials in polymeric membranes for water treatment applications. <i>Separation Science and Technology</i> , <b>2022</b> , 255-280	1.7	
230	Fabrication of polyethersulfone/polyacrylonitrile electrospun nanofiber membrane for food industry wastewater treatment. <i>Journal of Water Process Engineering</i> , <b>2022</b> , 47, 102838	6.7	0
229	Effect of Graphene Oxide on Liquid Water-Based Waterproofing Bituminous Membranes. <i>Polymers</i> , <b>2022</b> , 14, 2221	4.5	0
228	Recent advances in polymer membranes employing non-toxic solvents and materials. <i>Green Chemistry</i> , <b>2021</b> , 23, 9815-9843	10	14
227	Advancements in Sustainable PVDF Copolymer Membrane Preparation Using Rhodiasolv <sup>®</sup> PolarClean as an Alternative Eco-Friendly Solvent. <i>Clean Technologies</i> , <b>2021</b> , 3, 761-786	3.4	1

226	Antifouling Membranes Based on Cellulose Acetate (CA) Blended with Poly(acrylic acid) for Heavy Metal Remediation. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 4354	2.6	4
225	Small-scale membrane-based arsenic removal for decentralized applications-Developing a conceptual approach for future utilization. <i>Water Research</i> , <b>2021</b> , 196, 116978	12.5	7
224	A polyoxometalate-based self-cleaning smart material with oxygenic activity for water remediation with membrane technology. <i>Applied Materials Today</i> , <b>2021</b> , 23, 101002	6.6	6
223	Fluoride Polluted Groundwaters in Calabria Region (Southern Italy): Natural Source and Remediation. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1626	3	7
222	Development of Ru-PEEK-WC catalytic membrane using a more sustainable solvent for stable hydrogenation reactions. <i>Fuel Processing Technology</i> , <b>2021</b> , 216, 106766	7.2	3
221	Fabrication of Gum Arabic-Graphene (GGA) Modified Polyphenylsulfone (PPSU) Mixed Matrix Membranes: A Systematic Evaluation Study for Ultrafiltration (UF) Applications. <i>Membranes</i> , <b>2021</b> , 11,	3.8	6
220	A Mini-Review of Enhancing Ultrafiltration Membranes (UF) for Wastewater Treatment: Performance and Stability. <i>ChemEngineering</i> , <b>2021</b> , 5, 34	2.6	8
219	Hydrogels: Novel materials for contaminant removal in water—A review. <i>Critical Reviews in Environmental Science and Technology</i> , <b>2021</b> , 51, 1970-2014	11.1	15
218	Biopolymers for sustainable membranes in CO <sub>2</sub> separation: a review. <i>Fuel Processing Technology</i> , <b>2021</b> , 213, 106643	7.2	21
217	A systematic review on carbohydrate biopolymers for adsorptive remediation of copper ions from aqueous environments-Part B: Isotherms, thermokinetics and reusability. <i>Science of the Total Environment</i> , <b>2021</b> , 754, 142048	10.2	9
216	Development of non-woven fabric-based ECTFE membranes for direct contact membrane distillation application. <i>Desalination</i> , <b>2021</b> , 500, 114879	10.3	7
215	Investigation of electric field-aligned edge-oxidized graphene oxide nanoplatelets in polyethersulfone matrix in terms of pure water permeation and dye rejection. <i>Polymers for Advanced Technologies</i> , <b>2021</b> , 32, 1531-1547	3.2	3
214	Toward the Next Generation of Sustainable Membranes from Green Chemistry Principles. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 50-75	8.3	40
213	Exploring the Effect of Iron Metal-Organic Framework Particles in Polylactic Acid Membranes for the Azeotropic Separation of Organic/Organic Mixtures by Pervaporation. <i>Membranes</i> , <b>2021</b> , 11,	3.8	11
212	Performance Evaluation of Polyethersulfone Membranes for Competitive Removal of Cd <sup>2+</sup> , Co <sup>2+</sup> , and Pb <sup>2+</sup> Ions from Simulated Groundwater. <i>Geofluids</i> , <b>2021</b> , 2021, 1-11	1.5	3
211	Tamisolve NxG as an Alternative Non-Toxic Solvent for the Preparation of Porous Poly (Vinylidene Fluoride) Membranes. <i>Polymers</i> , <b>2021</b> , 13,	4.5	4
210	Deep eutectic solvents—A new platform in membrane fabrication and membrane-assisted technologies. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 106414	6.8	5
209	Phosphonium ionic liquid-polyacrylate copolymer membranes for improved CO <sub>2</sub> separations. <i>Journal of Membrane Science</i> , <b>2021</b> , 635, 119479	9.6	5

208	Preparation and characterization of hydrophobic P(VDF-HFP) flat sheet membranes using Tamisolve <sup>®</sup> NxG solvent for the treatment of saline water by direct contact membrane distillation and membrane crystallization. <i>Separation and Purification Technology</i> , <b>2021</b> , 275, 119144	8.3	7
207	Enhanced Anti-Fouling Behavior and Performance of PES Membrane by UV Treatment. <i>Processes</i> , <b>2021</b> , 9, 246	2.9	5
206	A review on phase-inversion technique-based polymer microsphere fabrication. <i>Colloids and Interface Science Communications</i> , <b>2021</b> , 40, 100329	5.4	8
205	Recovery of Volatile Aroma Molecules from Agro-Food Systems by Means of Pervaporation. <i>Food Bioactive Ingredients</i> , <b>2021</b> , 239-278	0.2	
204	Removal of Dyes Using Graphene Oxide (GO) Mixed Matrix Membranes. <i>Membranes</i> , <b>2020</b> , 10,	3.8	20
203	Viscosity Modification of Polymerizable Bicontinuous Microemulsion by Controlled Radical Polymerization for Membrane Coating Applications. <i>Membranes</i> , <b>2020</b> , 10,	3.8	2
202	Recent advances in pervaporation hollow fiber membranes for dehydration of organics. <i>Chemical Engineering Research and Design</i> , <b>2020</b> , 164, 68-85	5.5	21
201	Membrane Bioreactor-Treated Domestic Wastewater for Sustainable Reuse in the Lake Victoria Region. <i>Integrated Environmental Assessment and Management</i> , <b>2020</b> , 16, 942-953	2.5	6
200	A systematic review on carbohydrate biopolymers for adsorptive remediation of copper ions from aqueous environments-part A: Classification and modification strategies. <i>Science of the Total Environment</i> , <b>2020</b> , 738, 139829	10.2	48
199	Multi-hydrophilic functional network enables porous membranes excellent anti-fouling performance for highly efficient water remediation. <i>Journal of Membrane Science</i> , <b>2020</b> , 608, 118191	9.6	26
198	Polyethersulfone hollow fiber membranes prepared with Polarclean <sup>®</sup> as a more sustainable solvent. <i>Journal of Membrane Science</i> , <b>2020</b> , 608, 118216	9.6	18
197	Ionic liquid loaded polyether sulfone microspheres for CO <sub>2</sub> separation. <i>Adsorption</i> , <b>2020</b> , 26, 737-747	2.6	2
196	Removal of Dye from a Leather Tanning Factory by Flat-Sheet Blend Ultrafiltration (UF) Membrane. <i>Membranes</i> , <b>2020</b> , 10,	3.8	23
195	Highly Saline Water Desalination Using Direct Contact Membrane Distillation (DCMD): Experimental and Simulation Study. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 1575	3	10
194	Experimental and Theoretical Analysis of Lead Pb and Cd Retention from a Single Salt Using a Hollow Fiber PES Membrane. <i>Membranes</i> , <b>2020</b> , 10,	3.8	7
193	Synthesis and characterization of ultrafiltration ceramic membranes used in the separation of macromolecular proteins. <i>Journal of the European Ceramic Society</i> , <b>2020</b> , 40, 5967-5973	6	11
192	Membrane-based power generation from seawater treatment and desalination processes <b>2020</b> , 239-261		
191	Antioxidant, Biochemical, and In-Life Effects of L. Natural Juice vs. Clarified Juice by Polyvinylidene Fluoride Membrane. <i>Foods</i> , <b>2020</b> , 9,	4.9	4

190	Innovative Poly (Vinylidene Fluoride) (PVDF) Electrospun Nanofiber Membrane Preparation Using DMSO as a Low Toxicity Solvent. <i>Membranes</i> , <b>2020</b> , 10,	3.8	21
189	Bio-based and agriculture resources for production of bioproducts <b>2020</b> , 263-282		5
188	Membranes for toxic- and heavy-metal removal <b>2020</b> , 125-149		5
187	Development of graphene-PVDF composite membranes for membrane distillation. <i>Journal of Membrane Science</i> , <b>2020</b> , 604, 118017	9.6	27
186	Experimental Investigation of the Effect of Implanting TiO-NPs on PVC for Long-Term UF Membrane Performance to Treat Refinery Wastewater. <i>Membranes</i> , <b>2020</b> , 10,	3.8	18
185	Geochemical modeling of chromium release in natural waters and treatment by RO/NF membrane processes. <i>Chemosphere</i> , <b>2020</b> , 254, 126696	8.4	19
184	Arsenic-contaminated groundwaters remediation by nanofiltration. <i>Separation and Purification Technology</i> , <b>2020</b> , 238, 116461	8.3	37
183	First Exploration on a Poly(vinyl chloride) Ultrafiltration Membrane Prepared by Using the Sustainable Green Solvent PolarClean. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 91-101	8.3	18
182	Dimethyl Isosorbide As a Green Solvent for Sustainable Ultrafiltration and Microfiltration Membrane Preparation. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 659-668	8.3	46
181	Fischer-Tropsch synthesis of syngas to liquid hydrocarbons <b>2020</b> , 217-248		4
180	Chromium (VI) removal by Aliquat-336 in a novel multiframe flat sheet membrane contactor. <i>Chemical Engineering and Processing: Process Intensification</i> , <b>2020</b> , 147, 107765	3.7	8
179	A Systematic Framework for Optimizing a Sweeping Gas Membrane Distillation (SGMD). <i>Membranes</i> , <b>2020</b> , 10,	3.8	4
178	Polyvinylidene Fluoride-Graphene Oxide Membranes for Dye Removal under Visible Light Irradiation. <i>Polymers</i> , <b>2020</b> , 12,	4.5	17
177	A New Type of Composite Membrane PVA-NaY/PA-6 for Separation of Industrially Valuable Mixture Ethanol/Ethyl -Butyl Ether by Pervaporation. <i>Materials</i> , <b>2020</b> , 13,	3.5	3
176	Hydrogen and Oxygen Evolution in a Membrane Photoreactor Using Suspended Nanosized Au/TiO <sub>2</sub> and Au/CeO <sub>2</sub> . <i>ChemEngineering</i> , <b>2019</b> , 3, 5	2.6	6
175	Fabrication of electrospun keratin nanofiber membranes for air and water treatment. <i>Polymer Engineering and Science</i> , <b>2019</b> , 59, 1472-1478	2.3	13
174	Graphene oxide filled polyimide membranes in pervaporative separation of azeotropic methanol/MTBE mixtures. <i>Separation and Purification Technology</i> , <b>2019</b> , 224, 265-272	8.3	41
173	Unprecedented preparation of porous Matrimid 5218 membranes. <i>Journal of Membrane Science</i> , <b>2019</b> , 585, 166-174	9.6	40

172	Development of a novel perfluoropolyether (PFPE) hydrophobic/hydrophilic coated membranes for water treatment. <i>Journal of Membrane Science</i> , <b>2019</b> , 581, 58-71	9.6	18
171	New frontiers in sustainable membrane preparation: Cyrene as green bioderived solvent. <i>Journal of Membrane Science</i> , <b>2019</b> , 580, 224-234	9.6	82
170	Design and testing of a pilot-scale submerged membrane bioreactor (MBR) for textile wastewater treatment. <i>Applied Water Science</i> , <b>2019</b> , 9, 1	5	5
169	Towards the dehydration of ethanol using pervaporation cross-linked poly(vinyl alcohol)/graphene oxide membranes. <i>Journal of Membrane Science</i> , <b>2019</b> , 582, 423-434	9.6	101
168	Preparation and Characterization of TiO <sub>2</sub> /PVDF/PMMA Blend Membranes Using an Alternative Non-Toxic Solvent for UF/MF and Photocatalytic Application. <i>Molecules</i> , <b>2019</b> , 24,	4.8	51
167	PLA Easy Fil White-based membranes for CO <sub>2</sub> separation <b>2019</b> , 9, 360-369		12
166	Seawater desalination using PVDF-HFP membrane in DCMD process: assessment of operating condition by response surface method. <i>Chemical Engineering Communications</i> , <b>2019</b> , 206, 237-246	2.2	11
165	Mixed matrix membranes (MMMs) for ethanol purification through pervaporation: current state of the art. <i>Reviews in Chemical Engineering</i> , <b>2019</b> , 35, 565-590	5	42
164	Pressure-driven and thermally-driven membrane operations for the treatment of arsenic-contaminated waters: A comparison. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 370, 147-155	12.8	24
163	Chemical and bio-chemical reactions assisted by pervaporation technology. <i>Critical Reviews in Biotechnology</i> , <b>2019</b> , 39, 884-903	9.4	29
162	Membrane-Based Clarification and Fractionation of Red Wine Lees Aqueous Extracts. <i>Polymers</i> , <b>2019</b> , 11,	4.5	8
161	Membrane Technology in Catalytic Carbonylation Reactions. <i>Catalysts</i> , <b>2019</b> , 9, 614	4	10
160	Chromium(VI) Removal by Polyvinyl Chloride (PVC)/Aliquat-336 Polymeric Inclusion Membranes in a Multiframe Flat Sheet Membrane Module. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 2994	2.6	1
159	New Polymeric Films with Antibacterial Activity Obtained by UV-induced Copolymerization of Acryloyloxyalkyltriethylammonium Salts with 2-Hydroethyl Methacrylate. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	3
158	Flower and Leaf Extracts of L.: Application of Membrane Processes to Obtain Fractions with Antioxidant and Antityrosinase Properties. <i>Membranes</i> , <b>2019</b> , 9,	3.8	11
157	Arsenic removal from natural contaminated groundwaters in Calabria Region (Italy) by nanofiltration <b>2019</b> , 599-600		
156	Experimental Evaluation of the Thermal Polarization in Direct Contact Membrane Distillation Using Electrospun Nanofiber Membranes Doped With Molecular Probes. <i>Molecules</i> , <b>2019</b> , 24,	4.8	14
155	A novel approach for dissolving crystalline LDPE using non-toxic solvents for membranes preparation. <i>International Journal of Environmental Science and Technology</i> , <b>2019</b> , 16, 5375-5386	3.3	4

154	DMSO EVOLves novel non-toxic solvent for polyethersulfone membrane preparation. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 14774-14785	5.1	38
153	Preparation and characterization of green polylactic acid (PLA) membranes for organic/organic separation by pervaporation. <i>Clean Technologies and Environmental Policy</i> , <b>2019</b> , 21, 109-120	4.3	30
152	Power Production by Biomass Gasification Technologies <b>2019</b> , 293-318		1
151	MBR and Integration With Renewable Energy Toward Suitable Autonomous Wastewater Treatment <b>2019</b> , 355-384		1
150	Methanol Separation From Liquid Mixtures Via Pervaporation Using Membranes <b>2018</b> , 361-380		1
149	Novel low-fouling membranes from lab to pilot application in textile wastewater treatment. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 515, 208-220	9.3	21
148	A novel Ru <sup>II</sup> polyethersulfone (PES) catalytic membrane for highly efficient and selective hydrogenation of furfural to furfuryl alcohol. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 4955-4965	13	26
147	Matrimid <sup>®</sup> 5218 dense membrane for the separation of azeotropic MeOH-MTBE mixtures by pervaporation. <i>Separation and Purification Technology</i> , <b>2018</b> , 199, 27-36	8.3	53
146	Advances in biopolymer-based membrane preparation and applications. <i>Journal of Membrane Science</i> , <b>2018</b> , 564, 562-586	9.6	148
145	Progress of Nanocomposite Membranes for Water Treatment. <i>Membranes</i> , <b>2018</b> , 8,	3.8	116
144	Concentration of Bioactive Compounds from Elderberry ( <i>Sambucus nigra</i> L.) Juice by Nanofiltration Membranes. <i>Plant Foods for Human Nutrition</i> , <b>2018</b> , 73, 336-343	3.9	12
143	UV-LED induced bicontinuous microemulsions polymerisation for surface modification of commercial membranes [Enhancing the antifouling properties. <i>Separation and Purification Technology</i> , <b>2018</b> , 194, 149-160	8.3	27
142	Polyethersulfone membranes prepared with Rhodiasolv <sup>®</sup> Polarclean as water soluble green solvent. <i>Journal of Membrane Science</i> , <b>2018</b> , 549, 192-204	9.6	66
141	Modeling of Structure-Property Relationships of Polymerizable Surfactants with Antimicrobial Activity. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 1972	2.6	4
140	The Formation of Polyvinylidene Fluoride Membranes with Tailored Properties via Vapour/Non-Solvent Induced Phase Separation. <i>Membranes</i> , <b>2018</b> , 8,	3.8	47
139	Polymeric Membrane Materials for CO <sub>2</sub> Separations <b>2018</b> , 3-50		4
138	Novel Photocatalytic PVDF/Nano-TiO <sub>2</sub> Hollow Fibers for Environmental Remediation. <i>Polymers</i> , <b>2018</b> , 10,	4.5	24
137	Sorption and pervaporation study of methanol/dimethyl carbonate mixture with poly(etheretherketone) (PEEK-WC) membrane. <i>Journal of Membrane Science</i> , <b>2018</b> , 567, 303-310	9.6	22



136	Direct contact membrane distillation for the treatment of wastewater for a cooling tower in the power industry. <i>H2Open Journal</i> , <b>2018</b> , 1, 57-68	1.4	8
135	Extraction Kinetics of As(V) by Aliquat-336 Using Asymmetric PVDF Hollow-Fiber Membrane Contactors. <i>Membranes</i> , <b>2018</b> , 8,	3.8	5
134	Potentiality of polymeric membranes in aromatherapy: Application to bergamot essential oil. <i>Separation and Purification Technology</i> , <b>2018</b> , 207, 166-178	8.3	7
133	Strategy for scale-up of SBS pervaporation membranes for ethanol recovery from diluted aqueous solutions. <i>Separation and Purification Technology</i> , <b>2017</b> , 176, 252-261	8.3	30
132	A more sustainable membrane preparation using triethyl phosphate as solvent. <i>Green Processing and Synthesis</i> , <b>2017</b> , 6,	3.9	15
131	A non-invasive optical method for mapping temperature polarization in direct contact membrane distillation. <i>Journal of Membrane Science</i> , <b>2017</b> , 536, 156-166	9.6	25
130	New PEEK-WC and PLA membranes for H2 separation. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 22138-22148	6.7	16
129	Renewable energy management and market in Iran: A holistic review on current state and future demands. <i>Renewable and Sustainable Energy Reviews</i> , <b>2017</b> , 80, 774-788	16.2	50
128	Synthesis and Antibacterial Activity of Polymerizable Acryloyloxyalkyltriethyl Ammonium Salts. <i>ChemPlusChem</i> , <b>2017</b> , 82, 1235-1244	2.8	10
127	Macro-porous ceramic supports for membranes prepared from quartz sand and calcite mixtures. <i>Journal of the European Ceramic Society</i> , <b>2017</b> , 37, 3159-3165	6	53
126	Sorption of organic liquids in poly(ethylene chlorotrifluoroethylene) Halar <sup>®</sup> 901: Experimental and theoretical analysis. <i>Polymer Testing</i> , <b>2017</b> , 58, 199-207	4.5	2
125	Sustainable Route in Preparation of Polymeric Membranes. <i>Green Chemistry and Sustainable Technology</i> , <b>2017</b> , 97-120	1.1	3
124	3.13 Membrane Emulsification Advances and Perspectives <b>2017</b> , 331-356		1
123	Synthesis and Antibacterial Activity of Polymerizable Acryloyloxyalkyltriethyl Ammonium Salts. <i>ChemPlusChem</i> , <b>2017</b> , 82, 1233-1234	2.8	5
122	TamiSolve <sup>®</sup> NxG as novel solvent for polymeric membrane preparation. <i>Journal of Membrane Science</i> , <b>2017</b> , 542, 418-429	9.6	36
121	Low content nano-polyrhodanine modified polysulfone membranes with superior properties and their performance for wastewater treatment. <i>Environmental Science: Nano</i> , <b>2017</b> , 4, 2043-2054	7.1	16
120	Evaluation of radiation resistance of hollow fibers for possible application in radioactive waste treatment. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2017</b> , 311, 673-679	1.5	3
119	Separation of proteins and antifouling properties of polyphenylsulfone based mixed matrix hollow fiber membranes. <i>Separation and Purification Technology</i> , <b>2017</b> , 174, 529-543	8.3	19



118	Performance of chitosan based nanocomposite hollow fibers in the removal of selenium(IV) from water. <i>Chemical Engineering Research and Design</i> , <b>2017</b> , 117, 309-317	5.5	22
117	Innovative hydrophobic coating of perfluoropolyether (PFPE) on commercial hydrophilic membranes for DCMD application. <i>Journal of Membrane Science</i> , <b>2017</b> , 522, 192-201	9.6	43
116	Tailoring PES membrane morphology and properties via selected preparation parameters. <i>Journal of Polymer Engineering</i> , <b>2017</b> , 37, 69-81	1.4	12
115	PES-Kaolin Mixed Matrix Membranes for Arsenic Removal from Water. <i>Membranes</i> , <b>2017</b> , 7,	3.8	16
114	Application of nanotechnology in drinking water purification <b>2017</b> , 119-167		6
113	Preparation and Characterization of Polymeric-Hybrid PES/TiO <sub>2</sub> Hollow Fiber Membranes for Potential Applications in Water Treatment. <i>Fibers</i> , <b>2017</b> , 5, 14	3.7	21
112	Performance of commercial membranes in a side-stream and submerged membrane bioreactor for model textile wastewater treatment. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 5275-5285		5
111	A fundamental study of the physicochemical properties of Rhodiasolv <sup>®</sup> Polarclean: A promising alternative to common and hazardous solvents. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 224, 1163-1171	6	36
110	ECTFE membranes produced by non-toxic diluents for organic solvent filtration separation. <i>RSC Advances</i> , <b>2016</b> , 6, 81001-81012	3.7	18
109	Organic/organic mixture separation by using novel ECTFE polymeric pervaporation membranes. <i>Polymer</i> , <b>2016</b> , 98, 110-117	3.9	26
108	Novel low-fouling membrane bioreactor (MBR) for industrial wastewater treatment. <i>Journal of Membrane Science</i> , <b>2016</b> , 510, 524-532	9.6	49
107	Novel PVDF-HFP flat sheet membranes prepared by triethyl phosphate (TEP) solvent for direct contact membrane distillation. <i>Chemical Engineering and Processing: Process Intensification</i> , <b>2016</b> , 102, 16-26	3.7	57
106	Membrane Bioreactor and Promising Application for Textile Industry in Vietnam. <i>Procedia CIRP</i> , <b>2016</b> , 40, 419-424	1.8	12
105	Synthesis and Characterization of Silver Nanoparticles-Filled Polyethersulfone Membranes for Antibacterial and Anti-Biofouling Application. <i>Recent Patents on Nanotechnology</i> , <b>2016</b> , 10, 231-251	1.2	24
104	Clarification of Orange Press Liquors by PVDF Hollow Fiber Membranes. <i>Membranes</i> , <b>2016</b> , 6,	3.8	14
103	Functional Properties of Punica granatum L. Juice Clarified by Hollow Fiber Membranes. <i>Processes</i> , <b>2016</b> , 4, 21	2.9	13
102	Polymeric membranes in biorefinery <b>2016</b> , 29-59		11
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