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List of Publications by Year in descending order

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629
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#	ARTICLE	IF	CITATIONS
1	Concurrent performance improvement and biofouling mitigation in osmotic microbial fuel cells using a silver nanoparticle-polydopamine coated forward osmosis membrane. <i>Journal of Membrane Science</i> , 2016, 513, 217-225.	4.1	64
2	Laminar reduced graphene oxide membrane modified with silver nanoparticle-polydopamine for water/ion separation and biofouling resistance enhancement. <i>Desalination</i> , 2018, 426, 21-31.	4.0	60
3	Implications of Chemical Reduction Using Hydriodic Acid on the Antimicrobial Properties of Graphene Oxide and Reduced Graphene Oxide Membranes. <i>Small</i> , 2019, 15, e1901023.	5.2	56
4	Antimicrobial mechanism of reduced graphene oxide-copper oxide (rGO-CuO) nanocomposite films: The case of <i>Pseudomonas aeruginosa</i> PAO1. <i>Materials Science and Engineering C</i> , 2020, 109, 110596.	3.8	52
5	Correlation Between Quorum Sensing Signal Molecules and <i>Pseudomonas aeruginosa</i> 's Biofilm Development and Virulency. <i>Current Microbiology</i> , 2018, 75, 787-793.	1.0	38
6	2D materials-based membranes for hydrogen purification: Current status and future prospects. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 11389-11410.	3.8	35
7	Surface morphology-dependent spontaneous bacterial behaviors on graphene oxide membranes. <i>Separation and Purification Technology</i> , 2019, 226, 68-74.	3.9	27
8	High-flux ultrafiltration membrane with open porous hydrophilic structure using dual pore formers. <i>Chemosphere</i> , 2019, 227, 662-669.	4.2	25
9	Ultraviolet light-activated peroxymonosulfate (UV/PMS) system for humic acid mineralization: Effects of ionic matrix and feasible application in seawater reverse osmosis desalination. <i>Environmental Pollution</i> , 2022, 307, 119513.	3.7	23
10	Antiviral Nanomaterials for Designing Mixed Matrix Membranes. <i>Membranes</i> , 2021, 11, 458.	1.4	16
11	Cleaning efficacy of hydroxypropyl-beta-cyclodextrin for biofouling reduction on reverse osmosis membranes. <i>Biofouling</i> , 2016, 32, 359-370.	0.8	14
12	Mechanistic insights into the potential applicability of a sulfate-based advanced oxidation process for the control of transparent exopolymer particles in membrane-based desalination. <i>Desalination</i> , 2022, 522, 115437.	4.0	12
13	Applications of nisin for biofouling mitigation of reverse osmosis membranes. <i>Desalination</i> , 2018, 429, 52-59.	4.0	11
14	Recent Progress in One- and Two-Dimensional Nanomaterial-Based Electro-Responsive Membranes: Versatile and Smart Applications from Fouling Mitigation to Tuning Mass Transport. <i>Membranes</i> , 2021, 11, 5.	1.4	9
15	Effect of size fractioned alginate-based transparent exopolymer particles on initial bacterial adhesion of forward osmosis membrane support layer. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 94, 408-418.	2.9	8
16	Antibacterial rGO@Cu@Ag film with contact- and release-based inactivation properties. <i>Environmental Research</i> , 2020, 191, 110130.	3.7	7