

List of Publications by Year in descending order

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docs citations

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times ranked

2270
citing authors

#	ARTICLE	IF	CITATIONS
1	Core-shell PPy@TiO ₂ enable GO membranes with controllable and stable dye desalination properties. <i>Desalination</i> , 2022, 526, 115523.	8.2	17
2	A self-cleaning membrane based on NG/g-C ₃ N ₄ and graphene oxide with enhanced nanofiltration performance. <i>Journal of Materials Science</i> , 2022, 57, 9118-9133.	3.7	5
3	A photo-Fenton self-cleaning membrane based on NH ₂ -MIL-88B (Fe) and graphene oxide to improve dye removal performance. <i>Journal of Membrane Science</i> , 2021, 626, 119192.	8.2	72
4	Intercalation of N-doped graphene into graphene oxide-based membranes to improve their overall nanofiltration performance. <i>Chemical Physics Letters</i> , 2021, 775, 138657.	2.6	5
5	Superhydrophobic LDH/TTOS composite surface based on microstructure for the anti-corrosion, anti-fouling and oil-water separation application. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 622, 126558.	4.7	26
6	Intercalation of soft PPy polymeric nanoparticles in graphene oxide membrane for enhancing nanofiltration performances. <i>Separation and Purification Technology</i> , 2021, 272, 118933.	7.9	22
7	Robust self-cleaning urchin-like Ni/Co LDH stainless steel mesh for gravity-driven oil/water emulsion separation and catalytic degradation of aromatic dyes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 627, 127186.	4.7	14
8	Weak-reduction graphene oxide membrane for improving water purification performance. <i>Journal of Materials Science and Technology</i> , 2020, 39, 106-112.	10.7	36
9	Novel dual superlyophobic cellulose membrane for multiple oil/water separation. <i>Chemosphere</i> , 2020, 241, 125067.	8.2	19
10	Controlled reduction and fabrication of graphene oxide membrane for improved permeance and water purification performance. <i>Journal of Materials Science</i> , 2020, 55, 15130-15139.	3.7	20
11	Bio-inspired antifouling Cellulose nanofiber multifunctional filtration membrane for highly efficient emulsion separation and application in water purification. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 1751-1760.	2.7	8
12	Facile fabrication of activated NiFe bimetallic NPs anchored N-doped CNTs arrays as reliable self-standing electrocatalyst for HER and OER. <i>Journal of Solid State Chemistry</i> , 2020, 289, 121498.	2.9	15
13	The roles of oxygen-containing functional groups in modulating water purification performance of graphene oxide-based membrane. <i>Chemical Engineering Journal</i> , 2020, 389, 124375.	12.7	81
14	One-step hydrothermal synthesis of reduced graphene oxide/aspartic acid intercalated layered double hydroxide for enhancing barrier and self-healing properties of epoxy coating. <i>Reactive and Functional Polymers</i> , 2019, 145, 104380.	4.1	40
15	Hierarchically Stabilized PAN/FeOOH Nanofibrous Membrane for Efficient Water Purification with Excellent Antifouling Performance and Robust Solvent Resistance. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 34487-34496.	8.0	77
16	Synergistic effect of graphene oxide@phosphate-intercalated hydrotalcite for improved anti-corrosion and self-healable protection of waterborne epoxy coating in salt environments. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2318-2326.	5.5	101
17	Preparation of stable and superior flux GO/LDH/PDA-based nanofiltration membranes through electrostatic self-assembly for dye purification. <i>Polymers for Advanced Technologies</i> , 2019, 30, 1644-1655.	3.2	37
18	Stable graphene oxide-based composite membranes intercalated with montmorillonite nanoplatelets for water purification. <i>Journal of Materials Science</i> , 2019, 54, 2241-2255.	3.7	18

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19	Nature-inspired polyphenol chemistry to fabricate halloysite nanotubes decorated PVDF membrane for the removal of wastewater. <i>Separation and Purification Technology</i> , 2019, 212, 326-336.	7.9	44
20	Facile way in fabricating a cotton fabric membrane for switchable oil/water separation and water purification. <i>Applied Surface Science</i> , 2018, 441, 500-507.	6.1	29
21	Facile preparation of a smart membrane with ammonia-responsive wettability transition for controllable oil/water separation. <i>Journal of Materials Science</i> , 2018, 53, 516-527.	3.7	23
22	Application of dopamine-modified halloysite nanotubes/PVDF blend membranes for direct dyes removal from wastewater. <i>Chemical Engineering Journal</i> , 2017, 323, 572-583.	12.7	181
23	Bio-inspired method for preparation of multiwall carbon nanotubes decorated superhydrophilic poly(vinylidene fluoride) membrane for oil/water emulsion separation. <i>Chemical Engineering Journal</i> , 2017, 321, 245-256.	12.7	155
24	Facile way in building superhydrophobic zirconium surface for controllable water-oil separation. <i>Materials Letters</i> , 2017, 188, 115-118.	2.6	16
25	Facile fabrication of a robust superwetting three-dimensional (3D) nickel foam for oil/water separation. <i>Journal of Materials Science</i> , 2017, 52, 2169-2179.	3.7	27
26	Novel polyvinylidene fluoride nanofiltration membrane blended with functionalized halloysite nanotubes for dye and heavy metal ions removal. <i>Journal of Hazardous Materials</i> , 2016, 317, 60-72.	12.4	260
27	A facile electrodeposition process to fabricate corrosion-resistant superhydrophobic surface on carbon steel. <i>Applied Surface Science</i> , 2016, 368, 435-442.	6.1	54
28	A modified mussel-inspired method to fabricate TiO ₂ decorated superhydrophilic PVDF membrane for oil/water separation. <i>Journal of Membrane Science</i> , 2016, 506, 60-70.	8.2	411
29	Preparation of a novel anti-fouling β -cyclodextrin/PVDF membrane. <i>RSC Advances</i> , 2015, 5, 51364-51370.	3.6	41