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List of Publications by Year in descending order

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19
papers

658
citations

623734

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19
times ranked

864
citing authors

#	ARTICLE	IF	CITATIONS
1	Thin film nanocomposite forward osmosis membranes based on layered double hydroxide nanoparticles blended substrates. <i>Journal of Membrane Science</i> , 2016, 504, 196-205.	8.2	120
2	Recent advances in layered double hydroxides (LDHs) as two-dimensional membrane materials for gas and liquid separations. <i>Journal of Membrane Science</i> , 2018, 567, 89-103.	8.2	113
3	Layered double hydroxide/graphene oxide hybrid incorporated polysulfone substrate for thin-film nanocomposite forward osmosis membranes. <i>RSC Advances</i> , 2016, 6, 56599-56609.	3.6	75
4	Layered double hydroxide-modified thin-film composite membranes with remarkably enhanced chlorine resistance and anti-fouling capacity. <i>Separation and Purification Technology</i> , 2019, 220, 231-237.	7.9	46
5	Layered double hydroxide nanoparticle modified forward osmosis membranes via polydopamine immobilization with significantly enhanced chlorine and fouling resistance. <i>Desalination</i> , 2017, 421, 99-109.	8.2	40
6	Layered double hydroxides (LDHs) as novel macropore-templates: The importance of porous structures for forward osmosis desalination. <i>Journal of Membrane Science</i> , 2019, 585, 175-183.	8.2	37
7	Novel Na ₂ Mo ₄ O ₁₃ /MoO ₃ hybrid material as highly efficient CWAO catalyst for dye degradation at ambient conditions. <i>Scientific Reports</i> , 2014, 4, 6797.	3.3	31
8	A facile approach to fabrication of superhydrophilic ultrafiltration membranes with surface-tailored nanoparticles. <i>Separation and Purification Technology</i> , 2018, 203, 251-259.	7.9	29
9	Synthesis and properties of polypropylene/layered double hydroxide nanocomposites with different LDHs particle sizes. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46204.	2.6	28
10	Kinetic study of CO ₂ capture on ternary nitrates modified MgO with different precursor and morphology. <i>Chemical Engineering Journal</i> , 2020, 392, 123752.	12.7	27
11	Synthesis of Pt/K ₂ CO ₃ /MgAlOx-reduced graphene oxide hybrids as promising NO _x storage-reduction catalysts with superior catalytic performance. <i>Scientific Reports</i> , 2017, 7, 42862.	3.3	20
12	Recent Advances in Cellulose-Based Forward Osmosis Membrane. <i>Science of Advanced Materials</i> , 2015, 7, 2182-2192.	0.7	20
13	Metal-Organic Frameworks Corset with a Thermosetting Polymer for Improved Molecular-Sieving Property of Mixed-Matrix Membranes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55308-55315.	8.0	19
14	Unexpected Highly Reversible Lithium-Silicate-Based CO ₂ Sorbents Derived from Sediment of Dianchi Lake. <i>Energy & Fuels</i> , 2019, 33, 1734-1744.	5.1	18
15	Synthesis and characterization of alkali metal molybdates with high catalytic activity for dye degradation. <i>RSC Advances</i> , 2016, 6, 54553-54563.	3.6	15
16	Typical Thin-Film Composite (TFC) Membranes Modified with Inorganic Nanomaterials for Forward Osmosis: A Review. <i>Nanoscience and Nanotechnology Letters</i> , 2016, 8, 906-916.	0.4	11
17	Sub-20nm Bilayer Hydrophilic Poly(Vinyl Pyrrolidone) Coatings for Antifouling Nanofiltration Membranes. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100026.	3.6	5
18	Electrospun PAN-HNTs composite nanofiber membranes for efficient electrostatic capture of particulate matters. <i>Nanotechnology</i> , 2022, 33, 265702.	2.6	3

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19	Flower-Shaped Mg ₃ Al ₁ Fe ₁ CO ₃ Layered Double Hydroxides Derived Adsorbents with Tunable Memory Effect for Environmental Remediation. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 2609-2615.	0.9	1