é€¯é¹•

List of Publications by Year in descending order

19 papers	658 citations	623734 14 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	864 citing authors

#	Article	IF	Citations
1	Electrospun PAN-HNTs composite nanofiber membranes for efficient electrostatic capture of particulate matters. Nanotechnology, 2022, 33, 265702.	2.6	3
2	Subâ€20Ânm Bilayer Hydrophilic Poly(Vinyl Pyrrolidone) Coatings for Antifouling Nanofiltration Membranes. Macromolecular Materials and Engineering, 2021, 306, 2100026.	3.6	5
3	Kinetic study of CO2 capture on ternary nitrates modified MgO with different precursor and morphology. Chemical Engineering Journal, 2020, 392, 123752.	12.7	27
4	Metalâ€“Organic Frameworks Corset with a Thermosetting Polymer for Improved Molecular-Sieving Property of Mixed-Matrix Membranes. ACS Applied Materials & Interfaces, 2020, 12, 55308-55315.	8.0	19
5	Layered double hydroxides (LDHs) as novel macropore-templates: The importance of porous structures for forward osmosis desalination. Journal of Membrane Science, 2019, 585, 175-183.	8.2	37
6	Layered double hydroxide-modified thinâ€“film composite membranes with remarkably enhanced chlorine resistance and anti-fouling capacity. Separation and Purification Technology, 2019, 220, 231-237.	7.9	46
7	Unexpected Highly Reversible Lithium-Silicate-Based CO₂ Sorbents Derived from Sediment of Dianchi Lake. Energy & Fuels, 2019, 33, 1734-1744.	5.1	18
8	Synthesis and properties of polypropylene/layered double hydroxide nanocomposites with different LDHs particle sizes. Journal of Applied Polymer Science, 2018, 135, 46204.	2.6	28
9	A facile approach to fabrication of superhydrophilic ultrafiltration membranes with surface-tailored nanoparticles. Separation and Purification Technology, 2018, 203, 251-259.	7.9	29
10	Recent advances in layered double hydroxides (LDHs) as two-dimensional membrane materials for gas and liquid separations. Journal of Membrane Science, 2018, 567, 89-103.	8.2	113
11	Flower-Shaped Mg₃Al_{1â^'x}Fe_xâ€“CO₃ Layered Double Hydroxides Derived Adsorbents with Tunable Memory Effect for Environmental Remediation. Journal of Nanoscience and Nanotechnology, 2018, 18, 2609-2615.	0.9	1
12	Synthesis of Pt/K2CO3/MgAlOxâ€“reduced graphene oxide hybrids as promising NOx storageâ€“reduction catalysts with superior catalytic performance. Scientific Reports, 2017, 7, 42862.	3.3	20
13	Layered double hydroxide nanoparticle modified forward osmosis membranes via polydopamine immobilization with significantly enhanced chlorine and fouling resistance. Desalination, 2017, 421, 99-109.	8.2	40
14	Synthesis and characterization of alkali metal molybdates with high catalytic activity for dye degradation. RSC Advances, 2016, 6, 54553-54563.	3.6	15
15	Layered double hydroxide/graphene oxide hybrid incorporated polysulfone substrate for thin-film nanocomposite forward osmosis membranes. RSC Advances, 2016, 6, 56599-56609.	3.6	75
16	Thin film nanocomposite forward osmosis membranes based on layered double hydroxide nanoparticles blended substrates. Journal of Membrane Science, 2016, 504, 196-205.	8.2	120
17	Typical Thin-Film Composite (TFC) Membranes Modified with Inorganic Nanomaterials for Forward Osmosis: A Review. Nanoscience and Nanotechnology Letters, 2016, 8, 906-916.	0.4	11
18	Recent Advances in Cellulose-Based Forward Osmosis Membrane. Science of Advanced Materials, 2015, 7, 2182-2192.	0.7	20

#	Article	IF	Citations
19	Novel Na2Mo4O13/Î±-MoO3 hybrid material as highly efficient CWAO catalyst for dye degradation at ambient conditions. Scientific Reports, 2014, 4, 6797.	3.3	31