

A Graphene Oxide Membrane with Highly Selective Mo Organic Solution

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Self-assembled graphene oxide microcapsules with adjustable permeability and yolk-shell superstructures derived from atomized droplets. <i>Chemical Communications</i> , 2014, 50, 15867-15869.	2.2	29
2	Membranes with Fast and Selective Gas Transport Channels of Laminar Graphene Oxide for Efficient CO ₂ Capture. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 578-582.	7.2	184
3	UV-Enhanced Sacrificial Layer Stabilised Graphene Oxide Hollow Fibre Membranes for Nanofiltration. <i>Scientific Reports</i> , 2015, 5, 15799.	1.6	53
4	High Efficiency Water Transport Channels using the Synergistic Effect of a Hydrophilic Polymer and Graphene Oxide Laminates. <i>Advanced Functional Materials</i> , 2015, 25, 5809-5815.	7.8	177
5	Graphene Oxide Membranes with Tunable Semipermeability in Organic Solvents. <i>Advanced Materials</i> , 2015, 27, 3797-3802.	11.1	192
6	All-Carbon Nanoarchitectures as High-Performance Separation Membranes with Superior Stability. <i>Advanced Functional Materials</i> , 2015, 25, 7348-7359.	7.8	248
7	Sharp molecular-sieving of alcohol-water mixtures over phenyldiboronic acid pillared graphene oxide framework (GOF) hybrid membrane. <i>Chemical Communications</i> , 2015, 51, 7345-7348.	2.2	62
8	Hydrogen peroxide treated graphene as an effective nanosheet filler for separation application. <i>RSC Advances</i> , 2015, 5, 100984-100995.	1.7	99
9	Antimicrobial peptide-conjugated graphene oxide membrane for efficient removal and effective killing of multiple drug resistant bacteria. <i>RSC Advances</i> , 2015, 5, 18881-18887.	1.7	99
10	Remarkably Enhanced Gas Separation by Partial Self-Conversion of a Laminated Membrane to Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2015, 127, 3071-3075.	1.6	43
11	Remarkably Enhanced Gas Separation by Partial Self-Conversion of a Laminated Membrane to Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3028-3032.	7.2	125
12	Graphene and graphene oxide: advanced membranes for gas separation and water purification. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 417-424.	3.0	118
13	Mechanical properties and interfacial adhesion of composite membranes probed by in-situ nano-indentation/scratch technique. <i>Journal of Membrane Science</i> , 2015, 494, 205-215.	4.1	63
14	CO ₂ -selective PEO-PBT (PolyActive ₂ , ₄)/graphene oxide composite membranes. <i>Chemical Communications</i> , 2015, 51, 14187-14190.	2.2	93
15	Highly permeable and robust membranes assembled from block-copolymer-functionalized carbon nanotubes. <i>Journal of Membrane Science</i> , 2015, 493, 224-231.	4.1	10
16	A ZIF-71 Hollow Fiber Membrane Fabricated by Contra-Diffusion. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 16157-16160.	4.0	71
17	Nanometric Graphene Oxide Framework Membranes with Enhanced Heavy Metal Removal via Nanofiltration. <i>Environmental Science & Technology</i> , 2015, 49, 10235-10242.	4.6	414
18	Fabrication of graphene oxide composite membranes and their application for pervaporation dehydration of butanol. <i>Chinese Journal of Chemical Engineering</i> , 2015, 23, 1102-1109.	1.7	66

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20	Graphene oxide membranes on ceramic hollow fibers – Microstructural stability and nanofiltration performance. <i>Journal of Membrane Science</i> , 2015, 484, 87-94.	4.1	156
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22	Hollow fiber modules with ceramic-supported PDMS composite membranes for pervaporation recovery of bio-butanol. <i>Separation and Purification Technology</i> , 2015, 146, 24-32.	3.9	57
23	Simultaneously covalent and ionic bridging towards antifouling of GO-embedded nanocomposite hollow fiber membranes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10573-10584.	5.2	84
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37	Two-dimensional materials for novel liquid separation membranes. <i>Nanotechnology</i> , 2016, 27, 332001.	1.3	45

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39	Graphene oxide incorporated novel polyvinyl alcohol composite membrane for pervaporative recovery of acetic acid from vinegar wastewater. <i>Journal of Water Process Engineering</i> , 2016, 14, 124-134.	2.6	42
40	Self-catalytic membrane photo-reactor made of carbon nitride nanosheets. <i>Journal of Materials Chemistry A</i> , 2016, 4, 11666-11671.	5.2	47
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42	Covalent synthesis of three-dimensional graphene oxide framework (GOF) membrane for seawater desalination. <i>Desalination</i> , 2016, 394, 123-130.	4.0	115
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78	A Twoâ€Dimensional Lamellar Membrane: MXene Nanosheet Stacks. <i>Angewandte Chemie</i> , 2017, 129, 1851-1855.	1.6	95
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129	2.7 Design and Preparation of Pervaporation Membranes. , 2017, , 176-190.		0

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