

Compressible Carbon Nanotube-Graphene Hybrid Aerogel with Superoleophilicity for Oil Sorption

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Continuous oil-water separation with surface modified sponge for cleanup of oil spills. RSC Advances, 2014, 4, 53514-53519.	1.7	53
2	Recent advances in the potential applications of bioinspired superhydrophobic materials. Journal of Materials Chemistry A, 2014, 2, 16319-16359.	5.2	490
3	Biodegradable Material for the Absorption of Organic Compounds and Nanoparticles. Biomacromolecules, 2014, 15, 3321-3327.	2.6	8
4	A Robust and Cost-Effective Superhydrophobic Graphene Foam for Efficient Oil and Organic Solvent Recovery. Small, 2015, 11, 5222-5229.	5.2	177
5	Synthesis and Modification of Carbon Nanomaterials utilizing Microwave Heating. Advanced Materials, 2015, 27, 4113-4141.	11.1	251
6	Bubble-Decorated Honeycomb-Like Graphene Film as Ultrahigh Sensitivity Pressure Sensors. Advanced Functional Materials, 2015, 25, 6545-6551.	7.8	189
7	Facile Approach toward the Fabrication of Superhydrophobic and Superoleophilic Sponges for the Removal of Oil from Oil/Water Mixtures. Bulletin of the Korean Chemical Society, 2015, 36, 2158-2161.	1.0	1
8	Hydrophobic and fire-resistant carbon monolith from melamine sponge: A recyclable sorbent for oil-water separation. Carbon, 2015, 84, 551-559.	5.4	84
9	Carbon foam: Preparation and application. Carbon, 2015, 87, 128-152.	5.4	347
10	A superhydrophobic monolithic material with tunable wettability for oil and water separation. Journal of Materials Science, 2015, 50, 2365-2369.	1.7	54
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12	Ternary silicone sponge with enhanced mechanical properties for oil-water separation. Polymer Chemistry, 2015, 6, 5869-5875.	1.9	62
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16	Synthesis of a Novel Highly Oleophilic and Highly Hydrophobic Sponge for Rapid Oil Spill Cleanup. ACS Applied Materials & Interfaces, 2015, 7, 25326-25333.	4.0	167
17	Versatile fabrication of magnetic superhydrophobic foams and application for oil-water separation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 482, 687-692.	2.3	55
18	Oil sorption by exfoliated graphite from dilute oil-water emulsion for practical applications in produced water treatments. Journal of Water Process Engineering, 2015, 8, 91-98.	2.6	26

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19	Biodegradable polylactic acid porous monoliths as effective oil sorbents. <i>Composites Science and Technology</i> , 2015, 118, 9-15.	3.8	46
20	Double biomimetic fabrication of robustly superhydrophobic cotton fiber and its application in oil spill cleanup. <i>Industrial Crops and Products</i> , 2015, 77, 36-43.	2.5	44
21	Ultralight free-standing reduced graphene oxide membranes for oil-in-water emulsion separation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20113-20117.	5.2	101
22	Preparation and characterization of graphite foams. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 32, 21-33.	2.9	47
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38	Polymerization under Hypersaline Conditions: A Robust Route to Phenolic Polymer-Derived Carbon Aerogels. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14623-14627.	7.2	136
39	Polymerization under Hypersaline Conditions: A Robust Route to Phenolic Polymer-Derived Carbon Aerogels. <i>Angewandte Chemie</i> , 2016, 128, 14843-14847.	1.6	120
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