

Joule-heated graphene-wrapped sponge enables fast cle

Nature Nanotechnology

12, 434-440

DOI: [10.1038/nnano.2017.33](https://doi.org/10.1038/nnano.2017.33)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Continuous fabrication of polymer microfiber bundles with interconnected microchannels for oil/water separation. <i>Applied Materials Today</i> , 2017, 9, 77-81.	2.3	84
2	Graphene heaters absorb faster. <i>Nature Nanotechnology</i> , 2017, 12, 406-407.	15.6	47
3	Hydroxyapatite Nanowire-Based All-Weather Flexible Electrically Conductive Paper with Superhydrophobic and Flame-Retardant Properties. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39534-39548.	4.0	54
4	Fatigue-Resistant Bioinspired Graphene-Based Nanocomposites. <i>Advanced Functional Materials</i> , 2017, 27, 1703459.	7.8	37
5	External-Field-Induced Gradient Wetting for Controllable Liquid Transport: From Movement on the Surface to Penetration into the Surface. <i>Advanced Materials</i> , 2017, 29, 1703802.	11.1	90
6	Calcium Sulfate Hemihydrate Nanowires: One Robust Material in Separation of Water from Water-in-Oil Emulsion. <i>Environmental Science & Technology</i> , 2017, 51, 10519-10525.	4.6	37
7	Versatile mechanically strong and highly conductive chemically converted graphene aerogels. <i>Carbon</i> , 2017, 125, 352-359.	5.4	38
8	Peristome-Mimetic Curved Surface for Spontaneous and Directional Separation of Micro Water-in-Oil Drops. <i>Angewandte Chemie</i> , 2017, 129, 13811-13816.	1.6	19
9	Graphene oxide-based evaporator with one-dimensional water transport enabling high-efficiency solar desalination. <i>Nano Energy</i> , 2017, 41, 201-209.	8.2	316
10	Mechanically robust and electrically conductive graphene-paper/glass-fibers/epoxy composites for stimuli-responsive sensors and Joule heating heaters. <i>Carbon</i> , 2017, 124, 296-307.	5.4	56
11	Peristome-Mimetic Curved Surface for Spontaneous and Directional Separation of Micro Water-in-Oil Drops. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13623-13628.	7.2	84
12	One-dimensional nanomaterial-assembled macroscopic membranes for water treatment. <i>Nano Today</i> , 2017, 17, 79-95.	6.2	74
13	Three-dimensional nanostructured graphene: Synthesis and energy, environmental and biomedical applications. <i>Synthetic Metals</i> , 2017, 234, 53-85.	2.1	114
14	Hollow Few-Layer Graphene-Based Structures from Parafilm Waste for Flexible Transparent Supercapacitors and Oil Spill Cleanup. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 40645-40654.	4.0	32
15	Polyolefin-based interpenetrating polymer network absorbent for crude oil entrapment and recovery in aqueous system. <i>Journal of Hazardous Materials</i> , 2018, 351, 285-292.	6.5	28
16	Highly stretchable carbon aerogels. <i>Nature Communications</i> , 2018, 9, 881.	5.8	202
17	Scalable and Sustainable Approach toward Highly Compressible, Anisotropic, Lamellar Carbon Sponge. <i>CheM</i> , 2018, 4, 544-554.	5.8	246
18	Solar-assisted fast cleanup of heavy oil spills using a photothermal sponge. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9192-9199.	5.2	151

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20	Solar-driven self-heating sponges for highly efficient crude oil spill remediation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8880-8885.	5.2	127
21	Robust Production of Ultrahigh Surface Area Carbon Sheets for Energy Storage. <i>Small</i> , 2018, 14, e1800133.	5.2	25
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28	Stimuli-Responsive Bioinspired Materials for Controllable Liquid Manipulation: Principles, Fabrication, and Applications. <i>Advanced Functional Materials</i> , 2018, 28, 1705128.	7.8	66
29	A superhydrophilic cement-coated mesh: an acid, alkali, and organic reagent-free material for oil/water separation. <i>Nanoscale</i> , 2018, 10, 1920-1929.	2.8	81
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38	Novel Fabrication of Solar Light-Heated Sponge through Polypyrrole Modification Method and Their Applications for Fast Cleanup of Viscous Oil Spills. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 4955-4966.	1.8	50
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47	Surface modification of polymeric foams for oil spills remediation. <i>Journal of Environmental Management</i> , 2018, 206, 872-889.	3.8	77
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