

Smit A Shah

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6928027/smit-a-shah-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

1,148
citations

14
h-index

21
g-index

21
ext. papers

1,547
ext. citations

9.2
avg, IF

4.73
L-index

#	Paper	IF	Citations
21	Antioxidants Unlock Shelf-Stable Ti ₃ C ₂ T (MXene) Nanosheet Dispersions. <i>Matter</i> , 2019 , 1, 513-526	12.7	210
20	Oxidation stability of Ti ₃ C ₂ T _x MXene nanosheets in solvents and composite films. <i>Npj 2D Materials and Applications</i> , 2019 , 3,	8.8	162
19	Surface-agnostic highly stretchable and bendable conductive MXene multilayers. <i>Science Advances</i> , 2018 , 4, eaaq0118	14.3	157
18	Water Sorption in MXene/Polyelectrolyte Multilayers for Ultrafast Humidity Sensing. <i>ACS Applied Nano Materials</i> , 2019 , 2, 948-955	5.6	99
17	Challenges in Liquid-Phase Exfoliation, Processing, and Assembly of Pristine Graphene. <i>Advanced Materials</i> , 2016 , 28, 8796-8818	24	97
16	High-yield scalable graphene nanosheet production from compressed graphite using electrochemical exfoliation. <i>Scientific Reports</i> , 2018 , 8, 14525	4.9	91
15	Translocation, trophic transfer, accumulation and depuration of polystyrene microplastics in <i>Daphnia magna</i> and <i>Pimephales promelas</i> . <i>Environmental Pollution</i> , 2020 , 259, 113937	9.3	56
14	Highly Multifunctional Dopamine-Functionalized Reduced Graphene Oxide Supercapacitors. <i>Matter</i> , 2019 , 1, 1532-1546	12.7	45
13	Aqueous Exfoliation of Graphite into Graphene Assisted by Sulfonyl Graphene Quantum Dots for Photonic Crystal Applications. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 30797-30804	9.5	35
12	Determination of uptake, accumulation, and stress effects in corn (<i>Zea mays</i> L.) grown in single-wall carbon nanotube contaminated soil. <i>Chemosphere</i> , 2016 , 152, 117-22	8.4	33
11	pH, Nanosheet Concentration, and Antioxidant Affect the Oxidation of Ti ₃ C ₂ T _x and Ti ₂ CT _x MXene Dispersions. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2000845	4.6	31
10	Bioaccumulation, stress, and swimming impairment in <i>Daphnia magna</i> exposed to multiwalled carbon nanotubes, graphene, and graphene oxide. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 2199-2204	3.8	28
9	Carbon nanotubes affect early growth, flowering time and phytohormones in tomato. <i>Chemosphere</i> , 2020 , 256, 127042	8.4	27
8	Aramid nanofiber-reinforced three-dimensional graphene hydrogels for supercapacitor electrodes. <i>Journal of Colloid and Interface Science</i> , 2020 , 560, 581-588	9.3	27
7	Trophic Transfer and Accumulation of Multiwalled Carbon Nanotubes in the Presence of Copper Ions in <i>Daphnia magna</i> and Fathead Minnow (<i>Pimephales promelas</i>). <i>Environmental Science & Technology</i> , 2018 , 52, 794-800	10.3	11
6	Comparison of Nanoarchitecture to Porous Media Diffusion Models in Reduced Graphene Oxide/Aramid Nanofiber Electrodes for Supercapacitors. <i>ACS Nano</i> , 2020 , 14, 5314-5323	16.7	8
5	Lightweight Kevlar-Reinforced Graphene Oxide Architectures with High Strength for Energy Storage. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1900786	4.6	8

4	Dielectric Barrier Discharge Applicator for Heating Carbon Nanotube-Loaded Interfaces and Enhancing 3D-Printed Bond Strength. <i>Nano Letters</i> , 2020 , 20, 2310-2315	11.5	6
3	Scalable Production of Graphene Nanoplatelets for Energy Storage. <i>ACS Applied Nano Materials</i> , 2020 , 3, 10303-10309	5.6	6
2	Simulation of cyclic voltammetry in structural supercapacitors with pseudocapacitance behavior. <i>Electrochimica Acta</i> , 2021 , 390, 138822	6.7	6
1	Spray-On Reduced Graphene Oxide-Poly(vinyl alcohol) Supercapacitors for Flexible Energy and Power. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1801237	4.6	5