

Hao Yang

List of Publications by Citations

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

15
papers

289
citations

7
h-index

15
g-index

15
ext. papers

334
ext. citations

7.3
avg, IF

3.04
L-index

#	Paper	IF	Citations
15	Graphene supercapacitor with both high power and energy density. <i>Nanotechnology</i> , 2017 , 28, 445401	3.4	103
14	Controllable Large-Scale Transfection of Primary Mammalian Cardiomyocytes on a Nanochannel Array Platform. <i>Small</i> , 2016 , 12, 5971-5980	11	56
13	Nanoporous graphene materials by low-temperature vacuum-assisted thermal process for electrochemical energy storage. <i>Journal of Power Sources</i> , 2015 , 284, 146-153	8.9	37
12	Thiolated-graphene-based supercapacitors with high energy density and stable cycling performance. <i>Carbon</i> , 2018 , 134, 326-333	10.4	30
11	Atomic carbide bonding leading to superior graphene networks. <i>Advanced Materials</i> , 2013 , 25, 4668-72	24	23
10	Rapidly annealed nanoporous graphene materials for electrochemical energy storage. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 23720-23726	13	11
9	Silicon Oxycarbide Accelerated Chemical Vapor Deposition of Graphitic Networks on Ceramic Substrates for Thermal Management Enhancement. <i>ACS Applied Nano Materials</i> , 2019 , 2, 452-458	5.6	7
8	Nanoscale etching of perovskite oxides for field effect transistor applications. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2020 , 38, 012201	1.3	6
7	High-Current Perovskite Oxide BaTiO ₃ /BaSnO ₃ Heterostructure Field Effect Transistors. <i>IEEE Electron Device Letters</i> , 2020 , 41, 621-624	4.4	5
6	Dual Silicon Oxycarbide Accelerated Growth of Well-Ordered Graphitic Networks for Electronic and Thermal Applications. <i>Advanced Materials Technologies</i> , 2019 , 4, 1800324	6.8	4
5	Carbide-bonded graphene coated zirconia for achieving rapid thermal cycling under low input voltage and power. <i>Ceramics International</i> , 2019 , 45, 24318-24323	5.1	2
4	Graphene-Based Electrochemical Microsupercapacitors for Miniaturized Energy Storage Applications. <i>Nanoscience and Technology</i> , 2016 , 271-291	0.6	2
3	Electron transport of perovskite oxide BaSnO ₃ on (110) DyScO ₃ substrate with channel-recess for ferroelectric field effect transistors. <i>Applied Physics Letters</i> , 2021 , 118, 042105	3.4	2
2	SiOC-Accelerated Graphene Grown on SiO ₂ /Si with Tunable Electronic Properties. <i>Physica Status Solidi - Rapid Research Letters</i> , 2019 , 13, 1900017	2.5	1
1	Nanofabrication: Controllable Large-Scale Transfection of Primary Mammalian Cardiomyocytes on a Nanochannel Array Platform (Small 43/2016). <i>Small</i> , 2016 , 12, 5914-5914	11	0