

Hao Yang

List of Publications by Year in descending order

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15
papers

372
citations

1162889

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996849

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all docs

15
docs citations

15
times ranked

751
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene supercapacitor with both high power and energy density. <i>Nanotechnology</i> , 2017, 28, 445401.	1.3	137
2	Controllable Large-Scale Transfection of Primary Mammalian Cardiomyocytes on a Nanochannel Array Platform. <i>Small</i> , 2016, 12, 5971-5980.	5.2	64
3	Nanoporous graphene materials by low-temperature vacuum-assisted thermal process for electrochemical energy storage. <i>Journal of Power Sources</i> , 2015, 284, 146-153.	4.0	42
4	Thiolated-graphene-based supercapacitors with high energy density and stable cycling performance. <i>Carbon</i> , 2018, 134, 326-333.	5.4	38
5	Atomic Carbide Bonding Leading to Superior Graphene Networks. <i>Advanced Materials</i> , 2013, 25, 4668-4672.	11.1	27
6	Rapidly annealed nanoporous graphene materials for electrochemical energy storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23720-23726.	5.2	13
7	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.	2.4	12
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, .	0.6	8
9	High-Current Perovskite Oxide BaTiO ₃ /BaSnO ₃ Heterostructure Field Effect Transistors. <i>IEEE Electron Device Letters</i> , 2020, 41, 621-624.	2.2	8
10	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, .	1.5	7
11	Dual Silicon Oxycarbide Accelerated Growth of Well-Ordered Graphitic Networks for Electronic and Thermal Applications. <i>Advanced Materials Technologies</i> , 2019, 4, 1800324.	3.0	6
12	Carbide-bonded graphene coated zirconia for achieving rapid thermal cycling under low input voltage and power. <i>Ceramics International</i> , 2019, 45, 24318-24323.	2.3	4
13	Graphene-Based Electrochemical Microsupercapacitors for Miniaturized Energy Storage Applications. <i>Nanoscience and Technology</i> , 2016, , 271-291.	1.5	3
14	SiOC-Accelerated Graphene Grown on SiO ₂ /Si with Tunable Electronic Properties. <i>Physica Status Solidi - Rapid Research Letters</i> , 2019, 13, 1900017.	1.2	2
15	Nanofabrication: Controllable Large-Scale Transfection of Primary Mammalian Cardiomyocytes on a Nanochannel Array Platform (<i>Small</i> 43/2016). <i>Small</i> , 2016, 12, 5914-5914.	5.2	1