Hao Yang

List of Publications by Year in Descending Order

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	Electron transport of perovskite oxide BaSnO3 on (110) DyScO3 substrate with channel-recess for ferroelectric field effect transistors. *Applied Physics Letters*, **2021**, 118, 042105	3.4	2
14	High-Current Perovskite Oxide BaTiO3/BaSnO3 Heterostructure Field Effect Transistors. *IEEE Electron Device Letters*, **2020**, 41, 621-624	4.4	5
13	Nanoscale etching of perovskite oxides for field effect transistor applications. *Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics*, **2020**, 38, 012201	1.3	6
12	Carbide-bonded graphene coated zirconia for achieving rapid thermal cycling under low input voltage and power. *Ceramics International*, **2019**, 45, 24318-24323	5.1	2
11	Dual Silicon Oxycarbide Accelerated Growth of Well-Ordered Graphitic Networks for Electronic and Thermal Applications. *Advanced Materials Technologies*, **2019**, 4, 1800324	6.8	4
10	SiOC-Accelerated Graphene Grown on SiO2/Si with Tunable Electronic Properties. *Physica Status Solidi - Rapid Research Letters*, **2019**, 13, 1900017	2.5	1
9	Silicon Oxycarbide Accelerated Chemical Vapor Deposition of Graphitic Networks on Ceramic Substrates for Thermal Management Enhancement. *ACS Applied Nano Materials*, **2019**, 2, 452-458	5.6	7
8	Thiolated-graphene-based supercapacitors with high energy density and stable cycling performance. *Carbon*, **2018**, 134, 326-333	10.4	30
7	Rapidly annealed nanoporous graphene materials for electrochemical energy storage. *Journal of Materials Chemistry A*, **2017**, 5, 23720-23726	13	11
6	Graphene supercapacitor with both high power and energy density. *Nanotechnology*, **2017**, 28, 445401	3.4	103
5	Controllable Large-Scale Transfection of Primary Mammalian Cardiomyocytes on a Nanochannel Array Platform. *Small*, **2016**, 12, 5971-5980	11	56
4	Nanofabrication: Controllable Large-Scale Transfection of Primary Mammalian Cardiomyocytes on a Nanochannel Array Platform (Small 43/2016). *Small*, **2016**, 12, 5914-5914	11	0
3	Graphene-Based Electrochemical Microsupercapacitors for Miniaturized Energy Storage Applications. *Nanoscience and Technology*, **2016**, 271-291	0.6	2
2	Nanoporous graphene materials by low-temperature vacuum-assisted thermal process for electrochemical energy storage. *Journal of Power Sources*, **2015**, 284, 146-153	8.9	37
1	Atomic carbide bonding leading to superior graphene networks. *Advanced Materials*, **2013**, 25, 4668-72	24	23