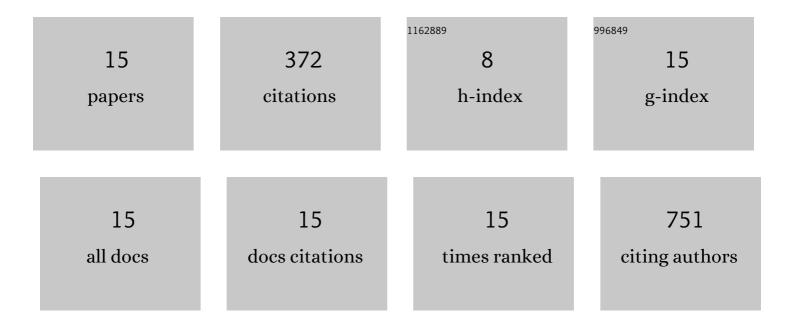
## Hao Yang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Graphene supercapacitor with both high power and energy density. Nanotechnology, 2017, 28, 445401.	1.3	137
2	Controllable Large-Scale Transfection of Primary Mammalian Cardiomyocytes on a Nanochannel Array Platform. Small, 2016, 12, 5971-5980.	5.2	64
3	Nanoporous graphene materials by low-temperature vacuum-assisted thermal process for electrochemical energy storage. Journal of Power Sources, 2015, 284, 146-153.	4.0	42
4	Thiolated-graphene-based supercapacitors with high energy density and stable cycling performance. Carbon, 2018, 134, 326-333.	5.4	38
5	Atomic Carbide Bonding Leading to Superior Graphene Networks. Advanced Materials, 2013, 25, 4668-4672.	11.1	27
6	Rapidly annealed nanoporous graphene materials for electrochemical energy storage. Journal of Materials Chemistry A, 2017, 5, 23720-23726.	5.2	13
7	Silicon Oxycarbide Accelerated Chemical Vapor Deposition of Graphitic Networks on Ceramic Substrates for Thermal Management Enhancement. ACS Applied Nano Materials, 2019, 2, 452-458.	2.4	12
8	Nanoscale etching of perovskite oxides for field effect transistor applications. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2020, 38, .	0.6	8
9	High-Current Perovskite Oxide BaTiO <sub>3</sub> /BaSnO <sub>3</sub> Heterostructure Field Effect Transistors. IEEE Electron Device Letters, 2020, 41, 621-624.	2.2	8
10	Electron transport of perovskite oxide BaSnO3 on (110) DyScO3 substrate with channel-recess for ferroelectric field effect transistors. Applied Physics Letters, 2021, 118, .	1.5	7
11	Dual Silicon Oxycarbide Accelerated Growth of Wellâ€Ordered Graphitic Networks for Electronic and Thermal Applications. Advanced Materials Technologies, 2019, 4, 1800324.	3.0	6
12	Carbide-bonded graphene coated zirconia for achieving rapid thermal cycling under low input voltage and power. Ceramics International, 2019, 45, 24318-24323.	2.3	4
13	Grapheneâ€Based Electrochemical Microsupercapacitors for Miniaturized Energy Storage Applications. Nanoscience and Technology, 2016, , 271-291.	1.5	3
14	SiOCâ€Accelerated Graphene Grown on SiO <sub>2</sub> /Si with Tunable Electronic Properties. Physica Status Solidi - Rapid Research Letters, 2019, 13, 1900017.	1.2	2
15	Nanofabrication: Controllable Large-Scale Transfection of Primary Mammalian Cardiomyocytes on a Nanochannel Array Platform (Small 43/2016). Small, 2016, 12, 5914-5914.	5.2	1