

Sinchul Yeom

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

288
citations

1684188

5
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

555
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfur and Nitrogen Co-Doped Graphene Quantum Dots as a Fluorescent Quenching Probe for Highly Sensitive Detection toward Mercury Ions. <i>ACS Applied Nano Materials</i> , 2019, 2, 790-798.	5.0	80
2	Graphene Nanoelectromechanical Systems as Stochastic-Frequency Oscillators. <i>Nano Letters</i> , 2014, 14, 2982-2987.	9.1	77
3	Strain-induced pseudo-magnetic fields and charging effects on CVD-grown graphene. <i>Surface Science</i> , 2011, 605, 1649-1656.	1.9	57
4	Kinetic enhancement via passive deposition of carbon-based nanomaterials in vanadium redox flow batteries. <i>Journal of Power Sources</i> , 2017, 366, 241-248.	7.8	36
5	Two orders of magnitude suppression of graphene's thermal conductivity by heavy dopants (Si). <i>Carbon</i> , 2018, 138, 98-107.	10.3	28
6	4D electron microscopy of T cell activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22014-22019.	7.1	6
7	Nano-Scale Strain-Induced Giant Pseudo-Magnetic Fields and Charging Effects in CVD-Grown Graphene on Copper. <i>ECS Transactions</i> , 2011, 35, 161-172.	0.5	2
8	Facile optical quantification of mercury ion concentration using graphene quantum dot coated filter paper disks. <i>Materials Chemistry and Physics</i> , 2021, 260, 124168.	4.0	2
9	A STEM/EELS study of interfaces in delafossite-based quantum heterostructures. <i>Microscopy and Microanalysis</i> , 2021, 27, 1208-1209.	0.4	0
10	Passive Deposition of Carbon Nanoparticles for Robust Kinetic Enhancement in Vanadium Redox Flow Batteries. <i>ECS Meeting Abstracts</i> , 2017, , .	0.0	0