Sinchul Yeom

List of Publications by Year
in descending order

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