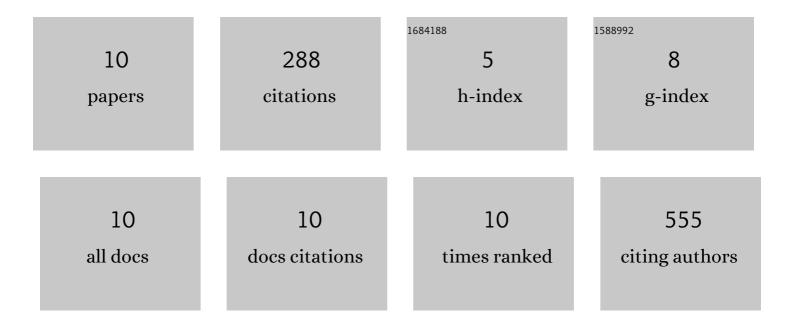
Sinchul Yeom

List of Publications by Year in descending order

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SINCHIII YEOM

| # | 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 |