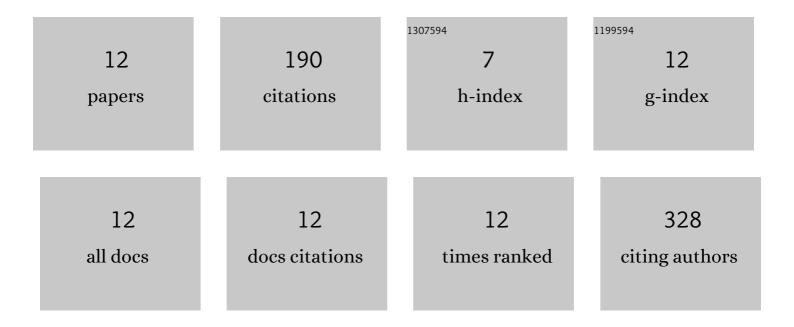
Jae Gyu Jang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Sulfuric acid vapor treatment for enhancing the thermoelectric properties of PEDOT:PSS thin-films. Journal of Materials Science: Materials in Electronics, 2016, 27, 6122-6127.	2.2	58
2	Correlations of Optical Absorption, Charge Trapping, and Surface Roughness of TiO ₂ Photoanode Layer Loaded with Neat Ag-NPs for Efficient Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2016, 8, 21522-21530.	8.0	27
3	Fully rubbery synaptic transistors made out of all-organic materials for elastic neurological electronic skin. Nano Research, 2022, 15, 758-764.	10.4	26
4	Structural and Morphological Evolution for Water-resistant Organic Thermoelectrics. Scientific Reports, 2017, 7, 13287.	3.3	18
5	Antibody functionalization with a dual reactive hydrazide/click crosslinker. Analytical Biochemistry, 2013, 435, 68-73.	2.4	13
6	Supramolecular Functionalization for Improving Thermoelectric Properties of Single-Walled Carbon Nanotubes–Small Organic Molecule Hybrids. ACS Applied Materials & Interfaces, 2020, 12, 51387-51396.	8.0	13
7	Twisted small organic molecules for high thermoelectric performance of single-walled carbon nanotubes/small organic molecule hybrids through mild charge transfer interactions. Journal of Materials Chemistry C, 2021, 9, 8483-8488.	5.5	11
8	Enhanced thermoelectric performance of SWNT/organic small molecule (OSM) hybrid materials by tuning of the energy level of OSMs. Journal of Materials Chemistry C, 2020, 8, 12795-12799.	5.5	8
9	Electrostatics-driven sensing platform: Graphene oxide-probe conjugate for the selective detection of pyrophosphate. Sensors and Actuators B: Chemical, 2017, 252, 706-711.	7.8	7
10	6-Hydroxymethyltriazolyl-6-deoxy-β-cyclodextrin: a highly water soluble and structurally well-defined β-cyclodextrin click cluster. Tetrahedron Letters, 2012, 53, 5791-5795.	1.4	5
11	Enhanced Humid Reliability of Organic Thermoelectrics via Crosslinking with Glycerol. Nanomaterials, 2019, 9, 1591.	4.1	3
12	New Water-soluble Alkynylating Agent for Cell Surface Protein: Sulfosuccinimidyl 4-Pentynoate. Bulletin of the Korean Chemical Society, 2013, 34, 1895-1898.	1.9	1