

# Jae Gyu Jang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5751901/publications.pdf>

Version: 2024-02-01

12  
papers

190  
citations

1307594

7  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

328  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfuric acid vapor treatment for enhancing the thermoelectric properties of PEDOT:PSS thin-films. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 6122-6127.	2.2	58
2	Correlations of Optical Absorption, Charge Trapping, and Surface Roughness of TiO <sub>2</sub> Photoanode Layer Loaded with Neat Ag-NPs for Efficient Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 21522-21530.	8.0	27
3	Fully rubbery synaptic transistors made out of all-organic materials for elastic neurological electronic skin. <i>Nano Research</i> , 2022, 15, 758-764.	10.4	26
4	Structural and Morphological Evolution for Water-resistant Organic Thermoelectrics. <i>Scientific Reports</i> , 2017, 7, 13287.	3.3	18
5	Antibody functionalization with a dual reactive hydrazide/click crosslinker. <i>Analytical Biochemistry</i> , 2013, 435, 68-73.	2.4	13
6	Supramolecular Functionalization for Improving Thermoelectric Properties of Single-Walled Carbon Nanotubes@Small Organic Molecule Hybrids. <i>ACS Applied Materials &amp; Interfaces</i> , 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. <i>Journal of Materials Chemistry C</i> , 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. <i>Journal of Materials Chemistry C</i> , 2020, 8, 12795-12799.	5.5	8
9	Electrostatics-driven sensing platform: Graphene oxide-probe conjugate for the selective detection of pyrophosphate. <i>Sensors and Actuators B: Chemical</i> , 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. <i>Tetrahedron Letters</i> , 2012, 53, 5791-5795.	1.4	5
11	Enhanced Humid Reliability of Organic Thermoelectrics via Crosslinking with Glycerol. <i>Nanomaterials</i> , 2019, 9, 1591.	4.1	3
12	New Water-soluble Alkynylating Agent for Cell Surface Protein: Sulfosuccinimidyl 4-Pentynoate. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 1895-1898.	1.9	1