

Taeseon Hwang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

664
citations

14
h-index

25
g-index

25
ext. papers

745
ext. citations

4.8
avg, IF

3.59
L-index

#	Paper	IF	Citations
24	High thermal conductivity epoxy composites with bimodal distribution of aluminum nitride and boron nitride fillers. <i>Thermochimica Acta</i> , 2012 , 537, 70-75	2.9	151
23	Large-area, conductive and flexible reduced graphene oxide (RGO) membrane fabricated by electrophoretic deposition (EPD). <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 1747-53	9.5	77
22	Solution-Processed Graphite Membrane from Reassembled Graphene Oxide. <i>Chemistry of Materials</i> , 2012 , 24, 594-599	9.6	77
21	Ultrafiltration using graphene oxide surface-embedded polysulfone membranes. <i>Separation and Purification Technology</i> , 2016 , 166, 41-47	8.3	45
20	An interleaved porous laminate composed of reduced graphene oxide sheets and carbon black spacers by in situ electrophoretic deposition. <i>RSC Advances</i> , 2014 , 4, 3284-3292	3.7	44
19	Dropwise steam condensation on various hydrophobic surfaces: Polyphenylene sulfide (PPS), polytetrafluoroethylene (PTFE), and self-assembled micro/nano silver (SAMS). <i>International Journal of Heat and Mass Transfer</i> , 2015 , 89, 353-358	4.9	32
18	Synthesis and barrier properties of poly(vinylidene chloride-co-acrylonitrile)/SiO ₂ hybrid composites by sol-gel process. <i>Journal of Membrane Science</i> , 2009 , 345, 90-96	9.6	30
17	Mechanical properties and cytotoxicity of PLA/PCL films. <i>Biomedical Engineering Letters</i> , 2018 , 8, 267-273	3.6	27
16	High-performance polyvinyl chloride gel artificial muscle actuator with graphene oxide and plasticizer. <i>Scientific Reports</i> , 2019 , 9, 9658	4.9	23
15	Supercapacitor characteristics of pressurized RuO ₂ /carbon powder as binder-free electrodes. <i>RSC Advances</i> , 2014 , 4, 48276-48284	3.7	22
14	One-step metal electroplating and patterning on a plastic substrate using an electrically-conductive layer of few-layer graphene. <i>Carbon</i> , 2012 , 50, 612-621	10.4	20
13	Promising Developments in Marine Applications With Artificial Muscles: Electrodeless Artificial Cilia Microfibers. <i>Marine Technology Society Journal</i> , 2016 , 50, 24-34	0.5	17
12	Experimentally tuned dual stage hydrogen compressor for improved compression ratio. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 12924-12933	6.7	16
11	A new ionic polymer-metal composite based on Nafion/poly(vinyl alcohol-co-ethylene) blends. <i>Smart Materials and Structures</i> , 2015 , 24, 105011	3.4	15
10	A novel synthetic route to natural rubber/montmorillonite nanocomposites using colloid stabilization/destabilization method. <i>Composites Part A: Applied Science and Manufacturing</i> , 2011 , 42, 1826-1832	8.4	11
9	Electromechanical performance and other characteristics of IPMCs fabricated with various commercially available ion exchange membranes. <i>Smart Materials and Structures</i> , 2014 , 23, 074001	3.4	10
8	Chemically-modified graphene sheets as an active layer for eco-friendly metal electroplating on plastic substrates. <i>Thin Solid Films</i> , 2012 , 521, 270-274	2.2	10

7	Bioinspired travelling wave generation in soft-robotics using ionic polymer-metal composites. <i>International Journal of Intelligent Robotics and Applications</i> , 2017 , 1, 167-179	1.7	9
6	Synchronous Polymerization of 3,4-Ethylenedioxythiophene and Pyrrole by Plasma Enhanced Chemical Vapor Deposition (PECVD) for Conductive Thin Film with Tunable Energy Bandgap. <i>Macromolecular Research</i> , 2019 , 27, 243-249	1.9	7
5	Formation of a gold nanoparticle layer for the electrodes of ionic polymer-metal composites by electroless deposition process. <i>Applied Surface Science</i> , 2019 , 470, 8-12	6.7	6
4	Understanding the Thermal Properties of Precursor-Ionomers to Optimize Fabrication Processes for Ionic Polymer-Metal Composites (IPMCs). <i>Materials</i> , 2018 , 11,	3.5	5
3	High-performance heat-sink composites incorporating micron-sized inorganic fillers and Sn/In metal particles. <i>Polymer Engineering and Science</i> , 2012 , 52, 2435-2442	2.3	5
2	Noncovalently assembled nanotubular porous layers for delaying of heating surface failure. <i>Scientific Reports</i> , 2014 , 4, 6817	4.9	4
1	Solution processed SiN _x CyO _z thin films thermally transformed from silicon oxide/melamine hybrid system. <i>Thin Solid Films</i> , 2013 , 539, 294-302	2.2	1