

Yong Il Kim

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Nanotextured Soft Electrothermo-Pneumatic Actuator for Constructing Lightweight, Integrated, and Untethered Soft Robotics. <i>Soft Robotics</i> , 2022, 9, 960-969.	8.0	8
2	Enhanced cooling of high-power microelectronics with swing-like pool boiling. <i>International Communications in Heat and Mass Transfer</i> , 2021, 125, 105338.	5.6	6
3	Performance Enhancement of Soft Nanotextured Thermopneumatic Actuator by Incorporating Silver Nanowires into Elastomer Body. <i>Soft Robotics</i> , 2020, 8, 711-719.	8.0	3
4	Highly transparent, conducting, body-attachable metallized fibers as a flexible and stretchable film. <i>Journal of Alloys and Compounds</i> , 2019, 790, 1127-1136.	5.5	19
5	Modifying capillary pressure and boiling regime of micro-porous wicks textured with graphene oxide. <i>Applied Thermal Engineering</i> , 2018, 128, 1605-1610.	6.0	26
6	Oxidation-resistant metallized nanofibers as transparent conducting films and heaters. <i>Acta Materialia</i> , 2018, 143, 174-180.	7.9	29
7	Hierarchically designed ZIF-8-derived Ni@ZnO/carbon nanofiber freestanding composite for stable Li storage. <i>Chemical Engineering Journal</i> , 2018, 351, 127-134.	12.7	56
8	Highly efficient electrodes for supercapacitors using silver-plated carbon nanofibers with enhanced mechanical flexibility and long-term stability. <i>Chemical Engineering Journal</i> , 2018, 353, 189-196.	12.7	46
9	Decoration of MnO Nanocrystals on Flexible Freestanding Carbon Nanofibers for Lithium Ion Battery Anodes. <i>Electrochimica Acta</i> , 2017, 231, 582-589.	5.2	53
10	Facile processes for producing robust, transparent, conductive platinum nanofiber mats. <i>Nanoscale</i> , 2017, 9, 6076-6084.	5.6	19
11	High-performance supercapacitors using flexible and freestanding MnOx/carbamide carbon nanofibers. <i>Applied Surface Science</i> , 2017, 423, 210-218.	6.1	26
12	Wetting and Coalescence of Drops of Self-Healing Agents on Electrospun Nanofiber Mats. <i>Langmuir</i> , 2017, 33, 10663-10672.	3.5	9
13	Wetting of inclined nano-textured surfaces by self-healing agents. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	6