

Wonjae Jeon

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	In-situ reduced non-oxidized copper nanoparticles in nanocomposites with extraordinary high electrical and thermal conductivity. <i>Materials Today</i> , 2021, 48, 59-71.	14.2	18
2	Intertube Aggregation-Dependent Convective Heat Transfer in Vertically Aligned Carbon Nanotube Channels. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 50355-50364.	8.0	4
3	Graphene grain size-dependent synthesis of single-crystalline Sb ₂ Te ₃ nanoplates and the interfacial thermal transport analysis by Raman thermometry. <i>Carbon</i> , 2019, 153, 164-172.	10.3	6
4	Fast mass transport-assisted convective heat transfer through a multi-walled carbon nanotube array. <i>Nanoscale</i> , 2018, 10, 23103-23112.	5.6	4
5	Enhanced water vapor separation by temperature-controlled aligned-multiwalled carbon nanotube membranes. <i>Nanoscale</i> , 2015, 7, 14316-14323.	5.6	10
6	Reverse capillary flow of condensed water through aligned multiwalled carbon nanotubes. <i>Nanotechnology</i> , 2015, 26, 235701.	2.6	10
7	Graphene-Templated Synthesis of <i>c</i> -Axis Oriented Sb ₂ Te ₃ Nanoplates by the Microwave-Assisted Solvothermal Method. <i>Chemistry of Materials</i> , 2015, 27, 2315-2321.	6.7	21
8	Extraordinary High Microwave Absorption Cross Section of Ultralong Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2014, 118, 13757-13763.	3.1	17
9	Enhanced Condensation, Agglomeration, and Rejection of Water Vapor by Superhydrophobic Aligned Multiwalled Carbon Nanotube Membranes. <i>ACS Nano</i> , 2012, 6, 5980-5987.	14.6	52