

Changwook Kim

List of Publications by Year in descending order

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8
papers

167
citations

1163117

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h-index

1588992

8
g-index

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all docs

8
docs citations

8
times ranked

209
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Efficiency Solar Vapor Generation Boosted by a Solar-Induced Updraft with Biomimetic 3D Structures. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 29602-29611.	8.0	21
2	Enhancement of solar thermoelectric power generation by optical and thermal management with highly transparent aerogel window. <i>Solar Energy Materials and Solar Cells</i> , 2021, 230, 111224.	6.2	9
3	Solar Steam Generation and Desalination Using Ultra-Broadband Absorption in Plasmonic Alumina Nanowire Haze Structureâ€“Graphene Oxideâ€“Gold Nanoparticle Composite. <i>Langmuir</i> , 2020, 36, 12494-12503.	3.5	26
4	Efficient solar steam generation by using metal-versatile hierarchical nanostructures for nickel and gold with aerogel insulator. <i>Applied Surface Science</i> , 2020, 517, 146177.	6.1	39
5	Air-like plasmonics with ultralow-refractive-index silica aerogels. <i>Scientific Reports</i> , 2019, 9, 2265.	3.3	17
6	Large-scale nanoporous metal-coated silica aerogels for high SERS effect improvement. <i>Scientific Reports</i> , 2018, 8, 15144.	3.3	15
7	Material-Versatile Ultrabroadband Light Absorber with Self-Aggregated Multiscale Funnel Structures. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 29884-29892.	8.0	16
8	Scalable variable-index elasto-optic metamaterials for macroscopic optical components and devices. <i>Nature Communications</i> , 2017, 8, 16090.	12.8	24