

Kang-Shyang Liao

List of Publications by Year in descending order

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16
papers

580
citations

840776

11
h-index

940533

16
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17
all docs

17
docs citations

17
times ranked

1075
citing authors

#	ARTICLE	IF	CITATIONS
1	Covalent layer-by-layer assembly“an effective, forgiving way to construct functional robust ultrathin films and nanocomposites. <i>Soft Matter</i> , 2009, 5, 23-28.	2.7	114
2	Superhydrophobic Surfaces Formed Using Layer-by-Layer Self-Assembly with Aminated Multiwall Carbon Nanotubes. <i>Langmuir</i> , 2008, 24, 4245-4253.	3.5	103
3	Bacterially synthesized tellurium nanostructures for broadband ultrafast nonlinear optical applications. <i>Nature Communications</i> , 2019, 10, 3985.	12.8	68
4	Designs and Architectures for the Next Generation of Organic Solar Cells. <i>Energies</i> , 2010, 3, 1212-1250.	3.1	64
5	Designing Surfaces with Wettability That Varies in Response to Solute Identity and Concentration. <i>Langmuir</i> , 2009, 25, 26-28.	3.5	61
6	Electrochemically crosslinked surface-grafted PVK polymer brushes as a hole transport layer for organic photovoltaics. <i>Journal of Materials Chemistry</i> , 2011, 21, 10261.	6.7	39
7	Graphene and Carbon Nanotube Polymer Composites for Laser Protection. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2011, 21, 736-746.	3.7	37
8	Stable organic photovoltaics using Ag thin film anodes. <i>Journal of Materials Chemistry</i> , 2012, 22, 6894.	6.7	24
9	Poly(octadecyl acrylate)-Grafted Multiwalled Carbon Nanotube Composites for Wearable Temperature Sensors. <i>ACS Applied Nano Materials</i> , 2020, 3, 2288-2301.	5.0	16
10	Percolating conductive networks in multiwall carbon nanotube-filled polymeric nanocomposites: towards scalable high-conductivity applications of disordered systems. <i>Nanoscale</i> , 2019, 11, 8565-8578.	5.6	14
11	Formation of highly conductive composite coatings and their applications to broadband antennas and mechanical transducers. <i>Journal of Materials Research</i> , 2010, 25, 1741-1747.	2.6	11
12	Effect of printing parameters and annealing on organic photovoltaics performance. <i>Journal of Materials Research</i> , 2012, 27, 2079-2087.	2.6	10
13	Functionalized few-layered graphene oxide embedded in an organosiloxane matrix for applications in optical limiting. <i>Chemical Physics Letters</i> , 2019, 714, 149-155.	2.6	10
14	Resolving Nanocomposite Interfaces via Simultaneous Submicrometer Optical“Photothermal Infrared“Raman Microspectroscopy. <i>Advanced Materials Interfaces</i> , 2021, 8, 2001720.	3.7	6
15	Fabrication, characterization, and optical modeling of a new architecture for organic photovoltaics: The vertically orientated stack device. <i>Journal of Applied Physics</i> , 2012, 111, 064914.	2.5	2
16	Investigation of recombination dynamics for indium tin oxide-free organic photovoltaics by illumination dependence study. <i>Journal of Applied Physics</i> , 2013, 114, 053103.	2.5	1