Ying Zhou

List of Publications by Year
in descending order

34 papers	747 citations	567281 15 h-index	526287 27 g-index
34 all docs	34 docs citations	34 times ranked	1273 citing authors

#	Article	IF	Citations
1	Carbon nanotube based transparent conductive films: progress, challenges, and perspectives. Science and Technology of Advanced Materials, 2016, 17, 493-516.	6.1	125
2	Glancing Angle Deposition of Copper Iodide Nanocrystals for Efficient Organic Photovoltaics. Nano Letters, 2012, 12, 4146-4152.	9.1	92
3	Size and shape controlled LiMnPO4 nanocrystals by a supercritical ethanol process and their electrochemical properties. Journal of Materials Chemistry, 2011, 21, 15813.	6.7	74
4	Phase separation of co-evaporated ZnPc:C60 blend film for highly efficient organic photovoltaics. Applied Physics Letters, 2012, 100, 233302.	3.3	50
5	A highly durable, stretchable, transparent and conductive carbon nanotubeâ€“polymeric acid hybrid film. Nanoscale, 2019, 11, 3804-3813.	5.6	43
6	Efficient Smallâ€Molecule Photovoltaic Cells Using a Crystalline Diindenoperylene Film as a Nanostructured Template. Advanced Materials, 2013, 25, 6069-6075.	21.0	39
7	Lead removal from water â€“ dependence on the form of carbon and surface functionalization. RSC Advances, 2018, 8, 18355-18362.	3.6	36
8	The modifications of the surface wettability of amorphous carbon films. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 335, 128-132.	4.7	24
9	Building interconnects in carbon nanotube networks with metal halides for transparent electrodes. Carbon, 2015, 87, 61-69.	10.3	24
10	Controlled growth of dibenzotetraphenylperiflanthene thin films by varying substrate temperature for photovoltaic applications. Solar Energy Materials and Solar Cells, 2011, 95, 2861-2866.	6.2	20
11	Mineralization of perfluorooctanesulfonate (PFOS) and perfluorodecanoate (PFDA) from aqueous solution by porous hexagonal boron nitride: adsorption followed by simultaneous thermal decomposition and regeneration. RSC Advances, 2016, 6, 113773-113780.	3.6	20
12	Fluorescence correlation spectroscopy for multiple-site equilibrium binding: a case of doxorubicinâ€“DNA interaction. Physical Chemistry Chemical Physics, 2019, 21, 1572-1577.	2.8	20
13	SUPERHYDROPHOBIC SURFACES PREPARED BY PLASMA FLUORINATION OF LOTUS-LEAF-LIKE AMORPHOUS CARBON FILMS. Surface Review and Letters, 2006, 13, 117-122.	1.1	17
14	Epitaxial Growth of C₆₀ on Rubrene Single Crystals for a Highly Ordered Organic Donor/Acceptor Interface. Crystal Growth and Design, 2017, 17, 4622-4627.	3.0	17
15	Highly-efficient and easy separation of Î³-Fe2O3 selectively adsorbs U(â…¥) in waters. Environmental Research, 2022, 210, 112917.	7.5	17
16	Highly crystalline lithium chloride-intercalated graphitic carbon nitride hollow nanotubes for effective lead removal. Environmental Science: Nano, 2019, 6, 3324-3335.	4.3	16
17	Understanding the doping effects on the structural and electrical properties of ultrathin carbon nanotube networks. Journal of Applied Physics, 2015, 118, 215305.	2.5	15
18	Structural modifications of zinc phthalocyanine thin films for organic photovoltaic applications. Journal of Applied Physics, 2012, 111, .	2.5	13

#	Article	IF	Citations
19	Nonuniform functional group distribution of carbon nanotubes studied by energy dispersive X-ray spectrometry imaging in SEM. Nanoscale, 2019, 11, 21487-21492.	5.6	11
20	Fabrication of carbon nanotube hybrid films as transparent electrodes for small-molecule photovoltaic cells. RSC Advances, 2016, 6, 25062-25069.	3.6	10
21	Highly conducting, durable and large area carbon nanotube thick films for stretchable and flexible electrodes. Applied Physics Letters, 2019, 114, .	3.3	9
22	Combined Fe₂O₃ and CaCO₃ Additives To Enhance the Immobilization of Pb in Cathode Ray Tube Funnel Glass. ACS Sustainable Chemistry and Engineering, 2018, 6, 3669-3675.	6.7	7
23	Effectively immobilizing lead through a melanotekite structure using low-temperature glass-ceramic sintering. Dalton Transactions, 2019, 48, 3998-4006.	3.3	7
24	Pb Stabilization by a New Chemically Durable Orthophosphate Phase: Insights into the Molecular Mechanism with X-ray Structural Analysis. Environmental Science & Technology, 2020, 54, 6937-6946.	10.0	7
25	Structural influences on charge carrier dynamics for small-molecule organic photovoltaics. Journal of Applied Physics, 2014, 116, 013105.	2.5	6
26	Single-molecule brightness analysis for the determination of anticancer drug interactions with DNA. Analyst, The, 2020, 145, 6600-6606.	3.5	6
27	Structures and Fluorescence Properties for the Crystals, Powders, and Thin Films of Dithienylhexatrienes: Effects of Positional Isomerism. Crystal Growth and Design, 2018, 18, 6477-6487.	3.0	5
28	Constructing Nanostructured Donor/Acceptor Bulk Heterojunctions via Interfacial Templates for Efficient Organic Photovoltaics. ACS Applied Materials & Interfaces, 2017, 9, 43893-43901.	8.0	5
29	Improved Dielectric Properties of Tetragonal ZrO2Gate Dielectric Fabricated by Ozone-Assisted Sputtering. Japanese Journal of Applied Physics, 2009, 48, 060208.	1.5	3
30	Stable iodide doping induced by photonic curing for carbon nanotube transparent conductive films. Japanese Journal of Applied Physics, 2018, 57, 065101.	1.5	3
31	Understanding Device-Structure-Induced Variations in Open-Circuit Voltage for Organic Photovoltaics. ACS Applied Materials & Interfaces, 2015, 7, 10814-10822.	8.0	2
32	Incorporation of lead into pyromorphite: Effect of anion replacement on lead stabilization. Waste Management, 2022, 143, 232-241.	7.4	2
33	Efficient small-molecule photovoltaic cells using nanostructured template. Proceedings of SPIE, 2014, , .	0.8	1
34	Morphological analysis of co-evaporated blend films based on initial growth for organic photovoltaics. Applied Surface Science, 2015, 355, 1261-1266.	6.1	1