

Zhenhua Yang

List of Publications by Year in descending order

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17
papers

881
citations

686830

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docs citations

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times ranked

1584
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving Thermal Stability of Perovskite Solar Cells by Suppressing Ion Migration Using Copolymer Grain Encapsulation. <i>Chemistry of Materials</i> , 2021, 33, 6120-6135.	3.2	22
2	Enhancing Chemical Stability and Suppressing Ion Migration in CH ₃ NH ₃ PbI ₃ Perovskite Solar Cells via Direct Backbone Attachment of Polyesters on Grain Boundaries. <i>Chemistry of Materials</i> , 2020, 32, 5104-5117.	3.2	64
3	Prediction of Stock Trading Signal Based on Multi-indicator Channel Convolutional Neural Networks. , 2019, , .		1
4	Electrospun Conjugated Polymer/Fullerene Hybrid Fibers: Photoactive Blends, Conductivity through Tunneling-AFM, Light Scattering, and Perspective for Their Use in Bulk-Heterojunction Organic Solar Cells. <i>Journal of Physical Chemistry C</i> , 2018, 122, 3058-3067.	1.5	15
5	Enhancing Impact Resistance of Polymer Blends via Self-Assembled Nanoscale Interfacial Structures. <i>Macromolecules</i> , 2018, 51, 3897-3910.	2.2	65
6	Roles of Interfacial Tension in Regulating Internal Organization of Low Bandgap Polymer Bulk Heterojunction Solar Cells by Polymer Additives. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800435.	1.9	11
7	Capitalizing on the molybdenum disulfide/graphene synergy to produce mechanical enhanced flame retardant ethylene-vinyl acetate composites with low aluminum hydroxide loading. <i>Polymer Degradation and Stability</i> , 2017, 144, 155-166.	2.7	43
8	A new strategy to engineer polymer bulk heterojunction solar cells with thick active layers via self-assembly of the tertiary columnar phase. <i>Nanoscale</i> , 2017, 9, 11511-11522.	2.8	9
9	Design of a molecular imprinting biosensor with multi-scale roughness for detection across a broad spectrum of biomolecules. <i>Analyst, The</i> , 2016, 141, 5607-5617.	1.7	47
10	Preliminary effectiveness of breast cancer screening among 1.22 million Chinese females and different cancer patterns between urban and rural women. <i>Scientific Reports</i> , 2016, 6, 39459.	1.6	29
11	Quantitative real-time detection of carcinoembryonic antigen (CEA) from pancreatic cyst fluid using 3-D surface molecular imprinting. <i>Analyst, The</i> , 2016, 141, 4424-4431.	1.7	70
12	Enhancing the Power Conversion Efficiency of Inverted Organic Photovoltaics with Gold Functionalized Reduced Graphene Oxide. <i>Materials Research Society Symposia Proceedings</i> , 2015, 1737, 53.	0.1	0
13	Distribution of mammographic density and its influential factors among Chinese women. <i>International Journal of Epidemiology</i> , 2014, 43, 1240-1251.	0.9	66
14	Flexible luminescent CdSe/bacterial cellulose nanocomposite membranes. <i>Carbohydrate Polymers</i> , 2012, 88, 173-178.	5.1	63
15	Flexible Electrically Conductive Nanocomposite Membrane Based on Bacterial Cellulose and Polyaniline. <i>Journal of Physical Chemistry B</i> , 2011, 115, 8453-8457.	1.2	294
16	Facile fabrication of flexible magnetic nanohybrid membrane with amphiphobic surface based on bacterial cellulose. <i>Carbohydrate Polymers</i> , 2011, 86, 1760-1767.	5.1	63
17	Synthesis of nanostructural ZnO using hydrothermal method for dye-sensitized solar cells. <i>Science China Technological Sciences</i> , 2010, 53, 1146-1149.	2.0	19