

Zhenhua Yang

List of Publications by Year in descending order

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17
papers

881
citations

686830

13
h-index

996533

15
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17
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17
docs citations

17
times ranked

1584
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Distribution of mammographic density and its influential factors among Chinese women. <i>International Journal of Epidemiology</i> , 2014, 43, 1240-1251. | 0.9 | 66 |
| 4 | Enhancing Impact Resistance of Polymer Blends via Self-Assembled Nanoscale Interfacial Structures. <i>Macromolecules</i> , 2018, 51, 3897-3910. | 2.2 | 65 |
| 5 | Enhancing Chemical Stability and Suppressing Ion Migration in $\text{CH}_3\text{NH}_3\text{PbI}_3$ Perovskite Solar Cells via Direct Backbone Attachment of Polyesters on Grain Boundaries. <i>Chemistry of Materials</i> , 2020, 32, 5104-5117. | 3.2 | 64 |
| 6 | 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 |
| 7 | Flexible luminescent CdSe/bacterial cellulose nanocomposite membranes. <i>Carbohydrate Polymers</i> , 2012, 88, 173-178. | 5.1 | 63 |
| 8 | 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 |
| 9 | 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 |
| 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 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | Prediction of Stock Trading Signal Based on Multi-indicator Channel Convolutional Neural Networks. , 2019, , . | | 1 |
| 17 | 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 |