

Song Guo

List of Publications by Year in descending order

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28
papers

874
citations

471509

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citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic Study on the Solution-Phase n-Doping of 1,3-Dimethyl-2-aryl-2,3-dihydro-1 <i>H</i> -benzoimidazole Derivatives. <i>Journal of the American Chemical Society</i> , 2013, 135, 15018-15025.	13.7	202
2	n-Doping of Organic Electronic Materials using Air-Stable Organometallics. <i>Advanced Materials</i> , 2012, 24, 699-703.	21.0	163
3	n-Doping of Organic Electronic Materials Using Air-Stable Organometallics: A Mechanistic Study of Reduction by Dimeric Sandwich Compounds. <i>Chemistry - A European Journal</i> , 2012, 18, 14760-14772.	3.3	64
4	Thermal Diffusion of C60 Molecules and Clusters on Au(111). <i>Journal of Physical Chemistry B</i> , 2004, 108, 14074-14081.	2.6	49
5	Simultaneous evaporation and decontamination of water on a novel membrane under simulated solar light irradiation. <i>Applied Catalysis B: Environmental</i> , 2020, 267, 118695.	20.2	42
6	Functionalized Cobalt Triarylcorrole Covalently Bonded with Graphene Oxide: A Selective Catalyst for the Two- or Four-Electron Reduction of Oxygen. <i>Inorganic Chemistry</i> , 2017, 56, 8954-8963.	4.0	31
7	Scanning Tunneling Microscopy of Mixed Valence Dinuclear Organometallic Cations and Counterions on Au(111). <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 420-424.	4.6	28
8	The impact of aggregation on the p-doping kinetics of poly(3-hexylthiophene). <i>Journal of Materials Chemistry C</i> , 2017, 5, 5764-5771.	5.5	23
9	Minimizing image-processing artifacts in scanning tunneling microscopy using linear-regression fitting. <i>Review of Scientific Instruments</i> , 2006, 77, 126104.	1.3	22
10	The Aggregation of Poly(3-hexylthiophene) into Nanowires: With and without Chemical Doping. <i>Journal of Physical Chemistry C</i> , 2017, 121, 4740-4746.	3.1	22
11	Eumelanin-inspired core derived from vanillin: a new building block for organic semiconductors. <i>Chemical Communications</i> , 2015, 51, 2957-2959.	4.1	21
12	Crosslinked PEDOT:PSS Organic Electrochemical Transistors on Interdigitated Electrodes with Improved Stability. <i>ACS Applied Polymer Materials</i> , 2021, 3, 1436-1444.	4.4	21
13	Observation of Single Dinuclear Metal-Complex Molecules Using Scanning Tunneling Microscopy. <i>Journal of Physical Chemistry B</i> , 2006, 110, 21846-21849.	2.6	20
14	Electrogenerated Chemiluminescence of Soliton Waves in Conjugated Polymers. <i>Journal of the American Chemical Society</i> , 2009, 131, 14166-14167.	13.7	19
15	Aggregation of P3HT as a preferred pathway for its chemical doping with F ₄ -TCNQ. <i>Chemical Communications</i> , 2018, 54, 11925-11928.	4.1	19
16	Electrogenerated Chemiluminescence of Conjugated Polymer Films from Patterned Electrodes. <i>Journal of the American Chemical Society</i> , 2011, 133, 11994-12000.	13.7	17
17	Layered Poly(3-hexylthiophene) Nanowhiskers Studied by Atomic Force Microscopy and Kelvin Probe Force Microscopy. <i>Macromolecules</i> , 2015, 48, 3049-3056.	4.8	17
18	Scanning tunneling microscopy studies of pulse deposition of dinuclear organometallic molecules on Au(111). <i>Journal of Chemical Physics</i> , 2008, 128, 014702.	3.0	16

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19	Electric field induced assembly of macroscopic fibers of poly(3-hexylthiophene). <i>Polymer</i> , 2018, 151, 56-64.	3.8	14
20	Preparation and Characterization of Polyhedral Oligomeric Silsesquioxane-Containing, Titania-Thiol-Ene Composite Photocatalytic Coatings, Emphasizing the Hydrophobicâ€“Hydrophilic Transition. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 12639-12648.	8.0	13
21	Scanning tunneling microscopy of surface-adsorbed fullerenes: C60, C70, and C84. <i>Surface Science</i> , 2007, 601, 994-1000.	1.9	10
22	Covellite Nanodisks and Digenite Nanorings: Colloidal Synthesis, Phase Transitions, and Optical Properties. <i>Chemistry of Materials</i> , 2021, 33, 8546-8558.	6.7	10
23	Chemical Doping of Well-Dispersed P3HT Thin-Film Nanowire Networks. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2943-2950.	4.4	8
24	Organic Electrochemical Transistor with Molecularly Imprinted Polymer-Modified Gate for the Real-Time Selective Detection of Dopamine. <i>ACS Applied Polymer Materials</i> , 2022, 4, 2337-2345.	4.4	7
25	Synthesis and characterization of eumelaninâ€“inspired poly(indoyleareylenevinylene)s and poly(indoyleareyleneethynylene)s. <i>Journal of Polymer Science Part A</i> , 2017, 55, 457-463.	2.3	5
26	Effects on Oxidation Waves of Conjugated Polymers by Studying Photoluminescence Quenching and Electrogenerated Chemiluminescence. <i>Journal of Physical Chemistry C</i> , 2011, 115, 10256-10263.	3.1	4
27	Electrogenerated Chemiluminescence of Pure Polymer Films and Polymer Blends. <i>Macromolecular Rapid Communications</i> , 2011, 32, 598-603.	3.9	4
28	Structure and dynamics of fullerenes adsorbed on the Au(111) surface. , 2004, , .		3