

Yi-Kang Lan

List of Publications by Year in descending order

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18
papers

582
citations

840776

11
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839539

18
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all docs

18
docs citations

18
times ranked

965
citing authors

#	ARTICLE	IF	CITATIONS
1	Steady self-scrolling of graphene sheets upon the solvation status of adsorbed polyhexylthiophene. <i>Polymer</i> , 2021, 224, 123758.	3.8	1
2	Crystallization of $\hat{1}\pm$ versus $\hat{1}^2$ Phases in Syndiotactic Poly(styrene-stat-3-methylstyrene) and Poly(styrene-stat-4-methylstyrene). <i>ACS Applied Polymer Materials</i> , 2019, 1, 251-258.	4.4	2
3	Graphoepitaxial assembly of carbon nanotubes on polysynthetic twins assisted by synergistic secondary interactions. <i>Materials Today Communications</i> , 2017, 10, 95-104.	1.9	1
4	The In Situ Tryptophan Analogue Probes the Conformational Dynamics in Asparaginase Isozymes. <i>Biophysical Journal</i> , 2016, 110, 1732-1743.	0.5	12
5	Primary nucleation of polyethylene: Embryogenesis from a semidilute solution. <i>Polymer</i> , 2014, 55, 3087-3092.	3.8	11
6	Nucleation of decahedral Ag nanocrystals. <i>RSC Advances</i> , 2014, 4, 13768-13773.	3.6	6
7	On the Stereoselectivity of Ring-Opening Metathesis Polymerization (ROMP) of <i>N</i> -Arylpyrrolidine-Fused Cyclobutenes with Molybdenum ^{VI} and Ruthenium ^{II} Alkylidene Catalyst. <i>Macromolecules</i> , 2013, 46, 7173-7179.	4.8	19
8	Ambipolar carrier transport properties in a built-in donor-acceptor discogen. <i>Organic Electronics</i> , 2013, 14, 2065-2070.	2.6	8
9	Sequential Epitaxial Organization of Poly(9,9-di-n-octyl-2,7-fluorene) in an Eutectic System. <i>Macromolecules</i> , 2013, 46, 1820-1831.	4.8	8
10	Probing water micro-solvation in proteins by water catalysed proton-transfer tautomerism. <i>Nature Communications</i> , 2013, 4, 2611.	12.8	63
11	Carbene Rotamer Switching Explains the Reverse Trans Effect in Forming the Grubbs Second-Generation Olefin Metathesis Catalyst. <i>Organometallics</i> , 2011, 30, 4196-4200.	2.3	59
12	Probing the Interaction between Prostacyclin Synthase and Prostaglandin H ₂ Analogues or Inhibitors via a Combination of Resonance Raman Spectroscopy and Molecular Dynamics Simulation Approaches. <i>Journal of the American Chemical Society</i> , 2011, 133, 18870-18879.	13.7	12
13	Theoretical investigations of electronic structure and charge transport properties in polythiophene-based organic field-effect transistors. <i>Polymer International</i> , 2010, 59, 16-21.	3.1	70
14	Nucleation of Polymer Crystals: The "Mystery". <i>Macromolecules</i> , 2010, 43, 7908-7912.	4.8	19
15	Protonated Amino Acid-Induced One-Handed Helicity of Polynorbornene Having Monoaza-18-crown-6 Pendants. <i>Macromolecules</i> , 2010, 43, 8813-8820.	4.8	5
16	Charge Mobility and Transport Behavior in the Ordered and Disordered States of the Regioregular Poly(3-hexylthiophene). <i>Journal of Physical Chemistry B</i> , 2009, 113, 14555-14564.	2.6	116
17	A Theoretical Study of the Charge Transfer Behavior of the Highly Regioregular Poly-3-hexylthiophene in the Ordered State. <i>Journal of Physical Chemistry B</i> , 2008, 112, 14857-14862.	2.6	154
18	Phase Behavior of Amphiphilic Molecules in the Presence of One Solvent: A Dissipative Particle Dynamics Study. <i>Macromolecular Theory and Simulations</i> , 2007, 16, 77-85.	1.4	16