

Andika Asyuda

List of Publications by Citations

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19
papers

126
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ext. citations

6.1
avg, IF

3.14
L-index

#	Paper	IF	Citations
19	Understanding the Role of Parallel Pathways via In-Situ Switching of Quantum Interference in Molecular Tunneling Junctions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 14308-14312	16.4	18
18	Synthetic control over the binding configuration of luminescent sp-defects in single-walled carbon nanotubes. <i>Nature Communications</i> , 2021 , 12, 2119	17.4	13
17	Thermal Stability of Phosphonic Acid Self-Assembled Monolayers on Alumina Substrates. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 2531-2542	3.8	11
16	Binary aromatic self-assembled monolayers: electrostatic properties and charge tunneling rates across the molecular framework. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 10957-10967	3.6	11
15	Modification of Self-Assembled Monolayers by Electron Irradiation: The Effect of Primary Energy (10500 eV). <i>Journal of Physical Chemistry C</i> , 2019 , 123, 28301-28309	3.8	10
14	Self-Assembled Monolayers with Distributed Dipole Moments Originating from Bipyrimidine Units. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 504-519	3.8	9
13	Intermolecular Effects on Tunneling through Acenes in Large-Area and Single-Molecule Junctions. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 22776-22783	3.8	8
12	Photoisomerization of azobenzene-substituted alkanethiolates on Au(111) substrates in the context of work function variation: the effect of structure and packing density. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 9098-9105	3.6	7
11	Charge Transport Properties of Single-Component and Binary Aromatic Self-Assembled Monolayers with Methyl and Trifluoromethyl Tail Groups. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 24837-24848	3.8	7
10	Shape controlled assembly of carboxylic acids: formation of a binary monolayer by intercalation into molecular nanotunnels. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 4205-4215	3.6	5
9	Self-Assembled Monolayers with Embedded Dipole Moments for Work Function Engineering of Oxide Substrates. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 8775-8785	3.8	5
8	Electron Transfer Dynamics and Structural Effects in Benzonitrile Monolayers with Tuned Dipole Moments by Differently Positioned Fluorine Atoms. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 39859-39869	9.5	5
7	Reestablishing Odd-Even Effects in Anthracene-Derived Monolayers by Introduction of a Pseudo-C _{2v} Symmetry. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 20362-20372	3.8	4
6	Understanding the Role of Parallel Pathways via In-Situ Switching of Quantum Interference in Molecular Tunneling Junctions. <i>Angewandte Chemie</i> , 2020 , 132, 14414-14418	3.6	3
5	Functionalized Tetrapodal Diazatriptycenes for Electrostatic Dipole Engineering in n-Type Organic Thin Film Transistors. <i>Advanced Materials Technologies</i> , 2021 , 6, 2000300	6.8	3
4	Electron-Induced Modification of Self-Assembled Monolayers of Aromatic Carboxylic Acids. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 25107-25120	3.8	2
3	Cyano-Substituted Triptycene-Based Monolayers on Au(111): Tripodal Adsorption, Dipole Engineering, and Charge Transfer. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 18968-18978	3.8	1

- 2 A Copper(I) Complex with Two Unpaired Electrons, Synthesised by Oxidation of a Copper(II) Complex with Two Redox-Active Ligands. *Angewandte Chemie - International Edition*, **2021**, 60, 23451-23462¹⁶⁴ 1
- 1 Bias-Triggered Conductivity Switching and High Effective Rectification in Metallocene-Based Molecular Junctions. *Advanced Electronic Materials*, 2200296 6.4 0