

Ratheesh

List of Publications by Year in descending order

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14
papers

207
citations

1307594

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1125743

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14
times ranked

263
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoresponsive Glass-Forming Butadiene-Based Chiral Liquid Crystals with Circularly Polarized Photoluminescence. <i>Advanced Functional Materials</i> , 2008, 18, 2510-2517.	14.9	64
2	Crystallizing Sub 10 nm Covalent Organic Framework Thin Films via Interfacial-Residual Concomitance. <i>Journal of the American Chemical Society</i> , 2021, 143, 20916-20926.	13.7	38
3	Optical modulation of nano-gap tunnelling junctions comprising self-assembled monolayers of hemicyanine dyes. <i>Nature Communications</i> , 2016, 7, 11749.	12.8	35
4	Pyrene-affixed triazoles: a new class of molecular semiconductors for robust, non-volatile resistive memory devices. <i>Chemical Communications</i> , 2019, 55, 4643-4646.	4.1	11
5	Bulk photovoltaic effect in an organic polar crystal. <i>Chemical Communications</i> , 2014, 50, 6530.	4.1	10
6	Control over Kinetic and Thermodynamically Driven Pathways of Crystallization to Yield Cofacial and Slipped-Stack Dimers in Single Crystals. <i>Chemistry - A European Journal</i> , 2020, 26, 10501-10509.	3.3	10
7	Photovoltaic Effect in Self-Assembled Molecular Monolayers on Gold: Influence of Orbital Energy Level Alignment on Short-Circuit Current Generation. <i>Journal of Physical Chemistry C</i> , 2013, 117, 16820-16829.	3.1	9
8	Influence of non-covalent interactions in dictating the polarity and mobility of charge carriers in a series of crystalline NDIs: a computational case study. <i>RSC Advances</i> , 2021, 11, 33703-33713.	3.6	8
9	Minute torsional reorganization elicited a large visible-range fluorescence gain in terphenyl-derived crystals. <i>Materials Chemistry Frontiers</i> , 2022, 6, 297-305.	5.9	5
10	Photovoltaic action in a self-assembled monolayer of hemicyanine dyes on gold from dissociation of surface plasmons. <i>Applied Physics Letters</i> , 2015, 106, 183303.	3.3	4
11	Irreversible Resistive State Switching in Devices with a Homoleptic Cobalt(II) Complex Active Layer. <i>Chemistry - an Asian Journal</i> , 2021, 16, 1545-1552.	3.3	4
12	Multifarious impact of Rhodanine acceptor group on the optical properties of some semiconductor probes. <i>Asian Journal of Organic Chemistry</i> , 0, , .	2.7	4
13	Directed Self-Organization Ensured Enhancement of Charge Carrier Mobilities in a Star-Shaped Organic Semiconductor. <i>Chemistry - A European Journal</i> , 2020, 26, 11135-11140.	3.3	3
14	Incorporating a redox active entity to attain electrical bistability in a polymer semiconductor. <i>Nanoscale</i> , 2021, 13, 6759-6763.	5.6	2