

Julien Frey

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,528
citations

361045

20
h-index

552369

26
g-index

28
all docs

28
docs citations

28
times ranked

2024
citing authors

#	ARTICLE	IF	CITATIONS
1	Acid-Induced Degradation of Phosphorescent Dopants for OLEDs and Its Application to the Synthesis of Tris-heteroleptic Iridium(III) Bis-cyclometalated Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 215-224.	1.9	165
2	Molecular Engineering of a Fluorene Donor for Dye-Sensitized Solar Cells. <i>Chemistry of Materials</i> , 2013, 25, 2733-2739.	3.2	154
3	Charged Bis-Cyclometalated Iridium(III) Complexes with Carbene-Based Ancillary Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 10292-10305.	1.9	110
4	Adjustable Receptor Based on a [3]Rotaxane Whose Two Threaded Rings Are Rigidly Attached to Two Porphyrinic Plates: Synthesis and Complexation Studies. <i>Journal of the American Chemical Society</i> , 2009, 131, 5609-5620.	6.6	97
5	Structure-property relationships based on Hammett constants in cyclometalated iridium(III) complexes: their application to the design of a fluorine-free IrPic-like emitter. <i>Dalton Transactions</i> , 2014, 43, 5667-5679.	1.6	96
6	Stable Green Electroluminescence from an Iridium Tris-Heteroleptic Ionic Complex. <i>Chemistry of Materials</i> , 2012, 24, 1896-1903.	3.2	91
7	A [3]Rotaxane with Two Porphyrinic Plates Acting as an Adaptable Receptor. <i>Journal of the American Chemical Society</i> , 2008, 130, 4592-4593.	6.6	86
8	Synthesis of a Bis-macrocycle Containing Two Back-to-Back Rigidly Connected 1,10-Phenanthroline Units as a Central Core and its Incorporation in a Handcuff-Like Catenane. <i>Chemistry - A European Journal</i> , 2007, 13, 7584-7594.	1.7	82
9	Templated Synthesis of Cyclic [4]Rotaxanes Consisting of Two Stiff Rods Threaded through Two Bis-macrocycles with a Large and Rigid Central Plate as Spacer. <i>Journal of the American Chemical Society</i> , 2010, 132, 6840-6850.	6.6	76
10	Correlating the Lifetime and Fluorine Content of Iridium(III) Emitters in Green Light-Emitting Electrochemical Cells. <i>Chemistry of Materials</i> , 2013, 25, 3391-3397.	3.2	76
11	Investigation of electrodeposited cobalt sulphide counter electrodes and their application in next-generation dye sensitized solar cells featuring organic dyes and cobalt-based redox electrolytes. <i>Journal of Power Sources</i> , 2015, 275, 80-89.	4.0	64
12	A catenane consisting of a large ring threaded through both cyclic units of a handcuff-like compound. <i>Chemical Communications</i> , 2005, , 5310.	2.2	55
13	Unravelling the Potential for Dithienopyrrole Sensitizers in Dye-Sensitized Solar Cells. <i>Chemistry of Materials</i> , 2013, 25, 2642-2648.	3.2	49
14	Low Current Density Driving Leads to Efficient, Bright and Stable Green Electroluminescence. <i>Advanced Energy Materials</i> , 2013, 3, 1338-1343.	10.2	47
15	Synthesis, characterization and ab initio investigation of a panchromatic ullazine porphyrin photosensitizer for dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 2332-2339.	5.2	47
16	Cyclic [2]Pseudorotaxane Tetramers Consisting of Two Rigid Rods Threaded through Two Bis-Macrocycles: Copper(I)-Templated Synthesis and X-ray Structure Studies. <i>Journal of the American Chemical Society</i> , 2008, 130, 11013-11022.	6.6	42
17	From chemical topology to molecular machines. <i>Comptes Rendus Chimie</i> , 2010, 13, 315-328.	0.2	33
18	Transition-Metal-Complexed Cyclic [3]- and [4]Pseudorotaxanes Containing Rigid Rings and Filament Conjugates: Synthesis and Solution Studies. <i>Chemistry - A European Journal</i> , 2011, 17, 5404-5414.	1.7	31

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19	Photonic Modulation of Electron Transfer with Switchable Phase Inversion. <i>Journal of Physical Chemistry A</i> , 2013, 117, 607-615.	1.1	26
20	Copper(i)-induced threading of two bis-macrocycles on two rods: a cyclic [4]rotaxane. <i>New Journal of Chemistry</i> , 2006, 30, 1386.	1.4	21
21	Quantitative formation of [4]pseudorotaxanes from two rods and two bis-macrocycles incorporating porphyrinic plates between the rings. <i>Chemical Communications</i> , 2009, , 1706.	2.2	19
22	A 1,10-Phenanthroline-Containing Ring Connected to a Porphyrin by a Rigid Aromatic Spacer and Its Copper-Complexed Pseudorotaxane. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2416-2419.	1.0	13
23	Porphyrin-based catenanes and rotaxanes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2008, 12, 881-905.	0.4	13
24	Near-infrared dual luminescence from an extended zinc porphyrin. <i>Chemical Communications</i> , 2012, 48, 1021-1023.	2.2	13
25	NIR Dual Luminescence from an Extended Porphyrin. <i>Spectroscopy, Photophysics and Theory. Journal of Physical Chemistry A</i> , 2014, 118, 3616-3624.	1.1	11