

Anders Kadziola

List of Publications by Year in descending order

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papers

789
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471509

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44
docs citations

44
times ranked

960
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional structure of a recombinant peroxidase from <i>Coprinus cinereus</i> at 2.6 Å resolution. <i>FEBS Letters</i> , 1994, 339, 291-296.	2.8	84
2	Aromaticity-controlled Energy Storage Capacity of the Dihydroazulene-Vinylheptafulvene Photochromic System. <i>Chemistry - A European Journal</i> , 2016, 22, 14567-14575.	3.3	55
3	Synthesis of Functionalized Dibenzothiophenes – An Efficient Three-Step Approach Based on Pd-Catalyzed C-C and C-S Bond Formations. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 53-57.	2.4	38
4	Gaining Control: Direct Suzuki Arylation of Dihydroazulenes and Tuning of Photo- and Thermochromism. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1033-1039.	2.4	38
5	Synthesis and Characterization of Extended Tetrathiafulvalenes with Di-, Tri-, and Tetraethynylethene Cores. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 3660-3671.	2.4	36
6	Novel Class III Phosphoribosyl Diphosphate Synthase: Structure and Properties of the Tetrameric, Phosphate-activated, Non-allosterically Inhibited Enzyme from <i>Methanocaldococcus jannaschii</i> . <i>Journal of Molecular Biology</i> , 2005, 354, 815-828.	4.2	36
7	Tracking molecular resonance forms of donor-acceptor push-pull molecules by single-molecule conductance experiments. <i>Nature Communications</i> , 2015, 6, 10233.	12.8	36
8	Solar Thermal Energy Storage in a Photochromic Macrocyclic. <i>Chemistry - A European Journal</i> , 2016, 22, 10796-10800.	3.3	36
9	Dihydroazulene Photoswitches: The First Synthetic Protocol for Functionalizing the Seven-Membered Ring. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 2733-2736.	2.4	34
10	Synthesis of radiannulene oligomers to model the elusive carbon allotrope 6,6,12-graphyne. <i>Nature Communications</i> , 2019, 10, 3714.	12.8	33
11	Synthesis and Properties of Subphthalocyanine-Tetracyanobutadiene-Ferrocene Triads. <i>Journal of Organic Chemistry</i> , 2018, 83, 2227-2234.	3.2	30
12	Molecular Solar Thermal Energy Storage Systems with Long Discharge Times Based on the Dihydroazulene/Vinylheptafulvene Couple. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1986-1993.	2.4	28
13	Carbon Dioxide-Catalyzed Stereoselective Cyanation Reaction. <i>ACS Catalysis</i> , 2019, 9, 6006-6011.	11.2	24
14	Thieno-fused Subporphyrines: A New Class of Light Harvesters. <i>Chemistry - A European Journal</i> , 2017, 23, 16194-16198.	3.3	21
15	Dihydroazulene/Vinylheptafulvene Photoswitch: Ultrafast Back Reaction Induced by Dihydronaphthalene Annulation. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4119-4130.	2.4	20
16	Complexation of Fullerenes by Subphthalocyanine Dimers. <i>Organic Letters</i> , 2018, 20, 5821-5825.	4.6	20
17	Synthesis and Single-Molecule Conductances of Neutral and Cationic Indenofluorene-Extended Tetrathiafulvalenes: Kondo Effect Molecules. <i>Journal of Organic Chemistry</i> , 2016, 81, 8406-8414.	3.2	19
18	Acetylenic Scaffolding with Subphthalocyanines. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 17-21.	2.4	17

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19	A Novel Route to a Bromo-Cyano-Substituted Azulene and Its Exploitation in the Construction of an Acetylenic Scaffold. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1415-1418.	2.4	16
20	New routes to functionalized dihydroazulene photoswitches. <i>Pure and Applied Chemistry</i> , 2010, 82, 843-852.	1.9	16
21	Multistate Switches: Ruthenium Alkynyl-Dihydroazulene/Vinylheptafulvene Conjugates. <i>Chemistry - A European Journal</i> , 2016, 22, 7514-7523.	3.3	14
22	Azulenium chemistry: towards new derivatives of photochromic dihydroazulenes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2403-2412.	2.8	14
23	Structure and Dynamics of a Promiscuous Xanthan Lyase from <i>Paenibacillus nanensis</i> and the Design of Variants with Increased Stability and Activity. <i>Cell Chemical Biology</i> , 2019, 26, 191-202.e6.	5.2	13
24	Fulvalene-Based Polycyclic Aromatic Hydrocarbon Ladder-Type Structures: Synthesis and Properties. <i>Chemistry - A European Journal</i> , 2021, 27, 8315-8324.	3.3	13
25	Diindenothienoacene-tetrathiafulvalene redox systems. <i>RSC Advances</i> , 2015, 5, 49748-49751.	3.6	12
26	Fluorescence switching with subphthalocyanine-dihydroazulene dyads. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 199-205.	3.4	12
27	Overexpression of <i>Bacillus subtilis</i> phosphoribosylpyrophosphate synthetase and crystallization and preliminary X-ray characterization of the free enzyme and its substrate-effector complexes. , 1996, 24, 238-246.		10
28	Structure of product-bound <i>Bacillus caldolyticus</i> uracil phosphoribosyltransferase confirms ordered sequential substrate binding. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 936-945.	2.5	10
29	Interactions between tetrathiafulvalene units in dimeric structures – the influence of cyclic cores. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 930-948.	2.2	10
30	On the Phosphite-Mediated Synthesis of Dithiafulvenes and β -Extended Tetrathiafulvalenes. <i>Synlett</i> , 2013, 24, 231-235.	1.8	8
31	Adenine Phosphoribosyltransferase from <i>Sulfolobus solfataricus</i> Is an Enzyme with Unusual Kinetic Properties and a Crystal Structure that Suggests It Evolved from a 6-Oxopurine Phosphoribosyltransferase. <i>Biochemistry</i> , 2015, 54, 2323-2334.	2.5	7
32	Comparison of Linear and Cross-Conjugation from Rates of Vinylheptafulvene Ring-Closure. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7859-7864.	2.4	5
33	On the Solvent-Dependent Bromination of Dihydroazulenes. <i>Synlett</i> , 2016, 27, 450-454.	1.8	5
34	Functionalization at C(1) of the Dihydroazulene/Vinylheptafulvene Photo-/Thermoswitch - Establishing Structure-Property Relationship. <i>Helvetica Chimica Acta</i> , 2018, 101, e1800153.	1.6	4
35	A CO ₂ -Mediated Conjugate Cyanide Addition to Chalcones. <i>Catalysts</i> , 2020, 10, 1481.	3.5	4
36	Crystal structures and nitrosation reactions of triazido complexes of chromium(III). <i>Journal of Coordination Chemistry</i> , 2008, 61, 1671-1677.	2.2	3

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37	Molecular recognition: minimizing the acid–base interaction of a tunable host–guest system changes the selectivity of binding. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 63, 257-266.	1.6	3
38	Towards novel thieno-fused subporphyrazines via functionalized thiophene precursors. <i>Journal of Sulfur Chemistry</i> , 2020, 41, 357-368.	2.0	2
39	Dibenzo[bc,fg][1,4]oxathiapentalene: an elusive molecule?. <i>Journal of Sulfur Chemistry</i> , 2013, 34, 588-595.	2.0	1