

Martyn Jevric

List of Publications by Year in descending order

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71
papers

1,697
citations

279798

23
h-index

315739

38
g-index

81
all docs

81
docs citations

81
times ranked

1652
citing authors

#	ARTICLE	IF	CITATIONS
1	Chip-scale solar thermal electrical power generation. <i>Cell Reports Physical Science</i> , 2022, 3, 100789.	5.6	18
2	Photo- and Collision-Induced Isomerization of a Charge-Tagged Norbornadiene-Quadracyclane System. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6045-6050.	4.6	15
3	Electrochemically controlled energy release from a norbornadiene-based solar thermal fuel: increasing the reversibility to 99.8% using HOPG as the electrode material. <i>Journal of Materials Chemistry A</i> , 2020, 8, 15658-15664.	10.3	25
4	Norbornadiene photoswitches anchored to well-defined oxide surfaces: From ultrahigh vacuum into the liquid and the electrochemical environment. <i>Journal of Chemical Physics</i> , 2020, 152, 044708.	3.0	18
5	Macroscopic heat release in a molecular solar thermal energy storage system. <i>Energy and Environmental Science</i> , 2019, 12, 187-193.	30.8	120
6	Solar energy storage at an atomically defined organic-oxide hybrid interface. <i>Nature Communications</i> , 2019, 10, 2384.	12.8	37
7	Solar Energy Storage by Molecular Norbornadiene-Quadracyclane Photoswitches: Polymer Film Devices. <i>Advanced Science</i> , 2019, 6, 1900367.	11.2	45
8	Tuning Molecular Solar Thermal Properties by Modification of a Promising Norbornadiene Photoswitch. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2354-2361.	2.4	10
9	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
10	Synthesis and Properties of Subphthalocyanine-Tetracyanobutadiene-Ferrocene Triads. <i>Journal of Organic Chemistry</i> , 2018, 83, 2227-2234.	3.2	30
11	Triazole-Functionalized Norbornadiene-Quadracyclane Photoswitches for Solar Energy Storage. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4465-4474.	2.4	6
12	Norbornadiene-Based Photoswitches with Exceptional Combination of Solar Spectrum Match and Long-Term Energy Storage. <i>Chemistry - A European Journal</i> , 2018, 24, 12767-12772.	3.3	67
13	Donor-Acceptor-Functionalized Subphthalocyanines for Dye-Sensitized Solar Cells. <i>ChemPhotoChem</i> , 2018, 2, 976-985.	3.0	31
14	Liquid-Crystalline Properties of Thioesters. <i>Australian Journal of Chemistry</i> , 2018, 71, 422.	0.9	0
15	Conformational Impact on Energy Storage Efficiency of Subphthalocyanine-Fullerene Hybrids. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6683-6692.	2.5	4
16	Front Cover: Synthesis of Covalently Linked Oligo(phenyleneethynylene) Wires Incorporating Dithiafulvene Units: Redox-Active π -Conjugated Cruciforms. (<i>Eur. J. Org. Chem.</i> 9/2017). <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1238-1238.	2.4	0
17	Photoswitching of Dihydroazulene Derivatives in Liquid-Crystalline Host Systems. <i>Chemistry - A European Journal</i> , 2017, 23, 5090-5103.	3.3	6
18	An effective trigger for energy release of vinylheptafulvene-based solar heat batteries. <i>Chemical Communications</i> , 2017, 53, 5874-5877.	4.1	29

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19	Photochromism of dihydroazulene-based polymeric thin films. <i>Dyes and Pigments</i> , 2017, 145, 359-364.	3.7	12
20	Single-molecule detection of dihydroazulene photo-thermal reaction using break junction technique. <i>Nature Communications</i> , 2017, 8, 15436.	12.8	106
21	Synthesis of Covalently Linked Oligo(phenyleneethynylene) Wires Incorporating Dithiafulvene Units: Redox-Active π -Conjugated Cruciforms. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1253-1261.	2.4	7
22	Chemo-Enzymatic Synthesis of Chiral Epoxides Ethyl and Methyl (S)-3-(Oxiran-2-yl)propanoates from Renewable Levoglucosenone: An Access to Enantiopure (S)-Dairy Lactone. <i>Molecules</i> , 2016, 21, 988.	3.8	19
23	Multistate Switches: Ruthenium Alkynyl-Dihydroazulene/Vinylheptafulvene Conjugates. <i>Chemistry - A European Journal</i> , 2016, 22, 7514-7523.	3.3	14
24	Fine-tuning the lifetimes and energy storage capacities of meta-stable vinylheptafulvenes via substitution at the vinyl position. <i>RSC Advances</i> , 2016, 6, 49003-49010.	3.6	23
25	Metal cation binding to acetylenic tetrathiafulvalene-pyridine conjugates: affinity tuned by preorganization and cavity size. <i>Tetrahedron</i> , 2016, 72, 5831-5842.	1.9	7
26	Acetylenic Scaffolding with Subphthalocyanines. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 17-21.	2.4	17
27	Aromaticity-Controlled Energy Storage Capacity of the Dihydroazulene-Vinylheptafulvene Photochromic System. <i>Chemistry - A European Journal</i> , 2016, 22, 14567-14575.	3.3	55
28	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
29	Azulenium chemistry: towards new derivatives of photochromic dihydroazulenes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2403-2412.	2.8	14
30	Aluminum Chloride Mediated Alkylation of Boron Subphthalocyanine Chloride Using Trimethylsilyl-Capped Acetylenes. <i>Journal of Organic Chemistry</i> , 2016, 81, 1-5.	3.2	28
31	Bismuth(III)-Promoted Acetylation of Thioethers into Thioacetates. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4675-4688.	2.4	10
32	Towards Solar Energy Storage in the Photochromic Dihydroazulene-Vinylheptafulvene System. <i>Chemistry - A European Journal</i> , 2015, 21, 7454-7461.	3.3	79
33	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
34	Liquid crystalline dihydroazulene photoswitches. <i>RSC Advances</i> , 2015, 5, 89731-89744.	3.6	6
35	Synthetic Strategies for Oligoynes. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 286-295.	2.7	23
36	Synthesis of dithiafulvene-quinone donor-acceptor systems: isolation of a Michael adduct. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015, 71, 452-455.	0.5	1

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37	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
38	CuAAC and RuAAC with Alkyne-functionalised Dihydroazulene Photoswitches and Determination of Hammett ρ -Constants for Triazoles. <i>Australian Journal of Chemistry</i> , 2014, 67, 531.	0.9	6
39	Mono- and Bis(pyrrolo)tetrathiafulvalene Derivatives Tethered to C_{60} : Synthesis, Photophysical Studies, and Self-Assembled Monolayers. <i>Chemistry - A European Journal</i> , 2014, 20, 9918-9929.	3.3	16
40	Syntheses of Donor-Acceptor-Functionalized Dihydroazulenes. <i>Journal of Organic Chemistry</i> , 2014, 79, 41-64.	3.2	31
41	Some cyclic ligands obtained from reactions of polycyanocarbon-metal complexes. <i>Journal of Organometallic Chemistry</i> , 2014, 756, 68-78.	1.8	5
42	Palladium-Mediated Strategies for Functionalizing the Dihydroazulene Photoswitch: Paving the Way for Its Exploitation in Molecular Electronics. <i>Journal of Organic Chemistry</i> , 2013, 78, 4348-4356.	3.2	14
43	Triad and cyclic diad compounds of [60]fullerene with metallocenes. <i>Dalton Transactions</i> , 2013, 42, 5056.	3.3	8
44	A two-step approach to the synthesis of $N@C_{60}$ fullerene dimers for molecular qubits. <i>Chemical Science</i> , 2013, 4, 2971.	7.4	28
45	Some Ruthenium Derivatives of Penta-1,4-diyne-3-one. <i>Organometallics</i> , 2013, 32, 3286-3299.	2.3	37
46	Ultrathin Reduced Graphene Oxide Films as Transparent Top-Contacts for Light Switchable Solid-State Molecular Junctions. <i>Advanced Materials</i> , 2013, 25, 4164-4170.	21.0	75
47	Alignment of $N@C_{60}$ Derivatives in a Liquid Crystal Matrix. <i>Journal of Physical Chemistry B</i> , 2013, 117, 5925-5931.	2.6	18
48	Dibenzo[bc,fg][1,4]oxathiapentalene: an elusive molecule?. <i>Journal of Sulfur Chemistry</i> , 2013, 34, 588-595.	2.0	1
49	Linear Free-Energy Correlations for the Vinylheptafulvene Ring Closure: A Probe for Hammett ρ Values. <i>Chemistry - A European Journal</i> , 2013, 19, 9542-9548.	3.3	43
50	Dihydroazulene-Buckminsterfullerene Conjugates. <i>Journal of Organic Chemistry</i> , 2012, 77, 8922-8932.	3.2	23
51	Oxidative Dimerization of Aryldiynyl-Ruthenium Complexes. <i>Organometallics</i> , 2012, 31, 6555-6566.	2.3	15
52	Syntheses and Structural Studies of Several Diynyl-Ruthenium Complexes and their Adducts with Cyanoalkenes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 1334-1340.	1.2	5
53	Azatriquinane as a Platform for Tripodal Metal Complexes and Calixiform Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 717-719.	13.8	24
54	Dimerisation and reactivity of HCCCCFc at ruthenium centres. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 461-467.	1.8	5

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55	Preparation and some chemistry of ferrocenylethynyl ketones. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 453-462.	1.8	4
56	Phosphine-gold(I) derivatives of 1,1-bis(alkynyl)metallocenes: Molecular structures of $\text{Fc}^{\text{TM}}(\text{CCX})_2$ [$\text{X}=\text{Au}(\text{PPh}_3)$, SiMe_3] and $\text{Au}_4\{(\text{CC})_2\text{Fc}^{\text{TM}}\}_2(\text{PPh}_3)_2$ [$\text{Fc}^{\text{TM}}=\text{Fe}(\text{I-C}_5\text{H}_4)_2$]. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1906-1910.	1.8	22
57	Crystal Packing in Planar Platinum(II) and Palladium(II) Complexes. Hydrogen-Bond-Mediated Supramolecular Assembly of Ten Wedge-Shaped Molecules into a Cyclic Array. <i>Crystal Growth and Design</i> , 2009, 9, 1786-1792.	3.0	5
58	Bis[(1/4-iodo)iodo-1-cyclopentadienylruthenium(III)], $\text{CpRu}_2^{\text{TM}} = [\text{CpRu}_2]^{\text{TM}}$: a Further Example of a $[\text{CpXM}(1/4\text{X})_2\text{MXCp}]$ Parent with <i>cis</i> Arrangement. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 1093-1096.	1.2	2
59	Iodo-alkynyl- and iodo-butadiynyl-ruthenium complexes. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2915-2920.	1.8	20
60	Methyl 2-(5-bromo-2-methylnaphtho[2,1-b]furan-1-yl)acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1168-o1168.	0.2	0
61	2-(2-Methylnaphtho[2,1-b]furan-1-yl)acetic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1167-o1167.	0.2	1
62	Heterometallic complexes containing 1,1-bis-(CC) ₂ Fc units linking two different metal centres. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1748-1756.	1.8	30
63	Trimetallic complexes containing 1,1-bis-Rc ₂ (CC) ₂ units [$\text{Rc}^2 = \text{ruthenocene-1,1-bis-diyl}$, $\text{Ru}(\text{I-C}_5\text{H}_4)_2$]. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1757-1765.	1.8	13
64	Preparation, structure and some chemistry of $\text{FcCCCCCRu}(\text{dppe})\text{Cp}$. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 2564-2574.	1.8	22
65	DDQ-Induced Oxidative Cyclizations of 1,2-Dihydronaphtho[2,1-b]furans. <i>ChemInform</i> , 2005, 36, no.	0.0	0
66	DDQ induced oxidative cyclisations of 1,2-dihydronaphtho[2,1-b]furans. <i>Tetrahedron</i> , 2005, 61, 1885-1891.	1.9	12
67	Syntheses, Structures, Some Reactions, and Electrochemical Oxidation of Ferrocenylethynyl Complexes of Iron, Ruthenium, and Osmium. <i>Organometallics</i> , 2005, 24, 5241-5255.	2.3	87
68	Synthesis, structures and some reactions of $\text{Ru}(\text{CCCCFc})(\text{PP})\text{Cp}$ ($\text{PP} = \text{dppm}$, dppe) and related compounds. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2860-2871.	1.8	36
69	A novel methodology for the synthesis of complexes containing long carbon chains linking metal centres: molecular structures of $\{\text{Ru}(\text{dppe})\text{Cp}^*\}_2(1/4\text{-C}_{14})$ and $\{\text{Co}_3(1/4\text{-dppm})(\text{CO})_7\}_2(1/4\text{-C}_{16})$. <i>Chemical Communications</i> , 2004, , 960-961.	4.1	93
70	Ethyl (E)-4-(2-hydroxy-1-naphthyl)-2-methyl-2-butenolate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001, 57, o426-o427.	0.2	0
71	Expeditious synthesis of dihydronaphthofurans utilising 1,2-dioxines and stabilised phosphorus ylides. <i>Tetrahedron</i> , 1999, 55, 14739-14762.	1.9	20