

# 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	Macroscopic heat release in a molecular solar thermal energy storage system. <i>Energy and Environmental Science</i> , 2019, 12, 187-193.	30.8	120
2	Single-molecule detection of dihydroazulene photo-thermal reaction using break junction technique. <i>Nature Communications</i> , 2017, 8, 15436.	12.8	106
3	A novel methodology for the synthesis of complexes containing long carbon chains linking metal centres: molecular structures of {Ru(dppe)Cp*} <sub>2</sub> (1 <sup>4</sup> -C14) and {Co <sub>3</sub> (1 <sup>4</sup> -dppm)(CO) <sub>7</sub> } <sub>2</sub> (1 <sup>4</sup> :1 <sup>4</sup> :1 <sup>4</sup> :1 <sup>4</sup> -C16). <i>Chemical Communications</i> , 2004, , 960-961.	4.1	93
4	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
5	Towards Solar Energy Storage in the Photochromic Dihydroazulene-Vinylheptafulvene System. <i>Chemistry - A European Journal</i> , 2015, 21, 7454-7461.	3.3	79
6	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
7	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
8	Aromaticity-Controlled Energy Storage Capacity of the Dihydroazulene-Vinylheptafulvene Photochromic System. <i>Chemistry - A European Journal</i> , 2016, 22, 14567-14575.	3.3	55
9	Solar Energy Storage by Molecular Norbornadiene-Quadracyclane Photoswitches: Polymer Film Devices. <i>Advanced Science</i> , 2019, 6, 1900367.	11.2	45
10	Linear Free-Energy Correlations for the Vinylheptafulvene Ring Closure: A Probe for Hammett $\rho$ Values. <i>Chemistry - A European Journal</i> , 2013, 19, 9542-9548.	3.3	43
11	Some Ruthenium Derivatives of Penta-1,4-diyne-3-one. <i>Organometallics</i> , 2013, 32, 3286-3299.	2.3	37
12	Solar energy storage at an atomically defined organic-oxide hybrid interface. <i>Nature Communications</i> , 2019, 10, 2384.	12.8	37
13	Synthesis, structures and some reactions of Ru(CCCCFc)(PP)Cp (PP=dppm, dppe) and related compounds. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2860-2871.	1.8	36
14	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
15	Syntheses of Donor-Acceptor-Functionalized Dihydroazulenes. <i>Journal of Organic Chemistry</i> , 2014, 79, 41-64.	3.2	31
16	Donor-Acceptor-Functionalized Subphthalocyanines for Dye-Sensitized Solar Cells. <i>ChemPhotoChem</i> , 2018, 2, 976-985.	3.0	31
17	Heterometallic complexes containing 1,1 <sup>2</sup> -(CC)2Fc <sup>2</sup> units linking two different metal centres. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1748-1756.	1.8	30
18	Synthesis and Properties of Subphthalocyanine-Tetracyanobutadiene-Ferrocene Triads. <i>Journal of Organic Chemistry</i> , 2018, 83, 2227-2234.	3.2	30

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19	An effective trigger for energy release of vinylheptafulvene-based solar heat batteries. <i>Chemical Communications</i> , 2017, 53, 5874-5877.	4.1	29
20	A two-step approach to the synthesis of N@C60 fullerene dimers for molecular qubits. <i>Chemical Science</i> , 2013, 4, 2971.	7.4	28
21	Aluminum Chloride Mediated Alkynylation of Boron Subphthalocyanine Chloride Using Trimethylsilyl-Capped Acetylenes. <i>Journal of Organic Chemistry</i> , 2016, 81, 1-5.	3.2	28
22	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
23	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
24	Azatriquinane as a Platform for Tripodal Metal Complexes and Calixiform Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 717-719.	13.8	24
25	Dihydroazulene-Buckminsterfullerene Conjugates. <i>Journal of Organic Chemistry</i> , 2012, 77, 8922-8932.	3.2	23
26	Synthetic Strategies for Oligoynes. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 286-295.	2.7	23
27	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
28	Preparation, structure and some chemistry of FcCCCCCRu(dppe)Cp. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 2564-2574.	1.8	22
29	Phosphine-gold(I) derivatives of 1,1-bis(alkynyl)metallocenes: Molecular structures of Fc <sup>TM</sup> (CCX) <sub>2</sub> [X=Au(PPh <sub>3</sub> ), SiMe <sub>3</sub> ] and Au <sub>4</sub> {(CC) <sub>2</sub> Fc <sup>TM</sup> } <sub>2</sub> (PPh <sub>3</sub> ) <sub>2</sub> [Fc <sup>TM</sup> =Fe(i-C <sub>5</sub> H <sub>4</sub> ) <sub>2</sub> ]. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1906-1910.	1.8	22
30	Expeditious synthesis of dihydronaphthofurans utilising 1,2-dioxines and stabilised phosphorus ylides. <i>Tetrahedron</i> , 1999, 55, 14739-14762.	1.9	20
31	Iodo-alkynyl- and iodo-butadiynyl-ruthenium complexes. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2915-2920.	1.8	20
32	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
33	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
34	Alignment of N@C <sub>60</sub> Derivatives in a Liquid Crystal Matrix. <i>Journal of Physical Chemistry B</i> , 2013, 117, 5925-5931.	2.6	18
35	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
36	Chip-scale solar thermal electrical power generation. <i>Cell Reports Physical Science</i> , 2022, 3, 100789.	5.6	18

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37	Acetylenic Scaffolding with Subphthalocyanines. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 17-21.	2.4	17
38	Mono- and Bis(pyrrolo)tetrathiafulvalene Derivatives Tethered to C <sub>60</sub> : Synthesis, Photophysical Studies, and Self-Assembled Monolayers. <i>Chemistry - A European Journal</i> , 2014, 20, 9918-9929.	3.3	16
39	Oxidative Dimerization of Aryldiynyl-Ruthenium Complexes. <i>Organometallics</i> , 2012, 31, 6555-6566.	2.3	15
40	Photo- and Collision-Induced Isomerization of a Charge-Tagged Norbornadiene-Quadricyclane System. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6045-6050.	4.6	15
41	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
42	Multistate Switches: Ruthenium Alkynyl-Dihydroazulene/Vinylheptafulvene Conjugates. <i>Chemistry - A European Journal</i> , 2016, 22, 7514-7523.	3.3	14
43	Azulenium chemistry: towards new derivatives of photochromic dihydroazulenes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2403-2412.	2.8	14
44	Trimetallic complexes containing 1,1'-R <sub>2</sub> (CC) <sub>2</sub> units [R <sub>2</sub> =ruthenocene-1,1'-diyl, Ru( $\eta$ -C <sub>5</sub> H <sub>4</sub> ) <sub>2</sub> ]. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1757-1765.	1.8	13
45	DDQ induced oxidative cyclisations of 1,2-dihydronaphtho[2,1-b]furans. <i>Tetrahedron</i> , 2005, 61, 1885-1891.	1.9	12
46	Photochromism of dihydroazulene-based polymeric thin films. <i>Dyes and Pigments</i> , 2017, 145, 359-364.	3.7	12
47	Bismuth(III)-Promoted Acetylation of Thioethers into Thioacetates. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4675-4688.	2.4	10
48	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
49	Triad and cyclic diad compounds of [60]fullerene with metallocenes. <i>Dalton Transactions</i> , 2013, 42, 5056.	3.3	8
50	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
51	Synthesis of Covalently Linked Oligo(phenyleneethynylene) Wires Incorporating Dithiafulvene Units: Redox-Active Cruciforms. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1253-1261.	2.4	7
52	CuAAC and RuAAC with Alkyne-functionalised Dihydroazulene Photoswitches and Determination of Hammett $\rho$ -Constants for Triazoles. <i>Australian Journal of Chemistry</i> , 2014, 67, 531.	0.9	6
53	Liquid crystalline dihydroazulene photoswitches. <i>RSC Advances</i> , 2015, 5, 89731-89744.	3.6	6
54	Photoswitching of Dihydroazulene Derivatives in Liquid-Crystalline Host Systems. <i>Chemistry - A European Journal</i> , 2017, 23, 5090-5103.	3.3	6

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55	Triazole-Functionalized Norbornadiene-Quadricyclane Photoswitches for Solar Energy Storage. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4465-4474.	2.4	6
56	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
57	Syntheses and Structural Studies of Several Diynyl-Ruthenium Complexes and their Adducts with Cyano-Alkenes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 1334-1340.	1.2	5
58	Dimerisation and reactivity of HCCCCFc at ruthenium centres. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 461-467.	1.8	5
59	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
60	Some cyclic ligands obtained from reactions of polycyanocarbon-metal complexes. <i>Journal of Organometallic Chemistry</i> , 2014, 756, 68-78.	1.8	5
61	Preparation and some chemistry of ferrocenylethynyl ketones. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 453-462.	1.8	4
62	Conformational Impact on Energy Storage Efficiency of Subphthalocyanine-Fullerene Hybrids. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6683-6692.	2.5	4
63	Bis[( $\eta^5$ -iodo)iodo-cyclopentadienylruthenium(III)], $\eta^5$ -CpRu <sub>2</sub> = [CpRu <sub>2</sub> ] <sub>2</sub> : a Further Example of a [CpXM( $\eta^5$ -X) <sub>2</sub> MXCp] Parent with <i>cis</i> Arrangement. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 1093-1096.	1.2	2
64	Dibenzo[bc,fg][1,4]oxathiapentalene: an elusive molecule?. <i>Journal of Sulfur Chemistry</i> , 2013, 34, 588-595.	2.0	1
65	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
66	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
67	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
68	DDQ-Induced Oxidative Cyclizations of 1,2-Dihydronaphtho[2,1-b]furans. <i>ChemInform</i> , 2005, 36, no.	0.0	0
69	Front Cover: Synthesis of Covalently Linked Oligo(phenyleneethynylene) Wires Incorporating Dithiafulvene Units: Redox-Active $\alpha$ -H-Cruciforms (Eur. J. Org. Chem. 9/2017). <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1238-1238.	2.4	0
70	Liquid-Crystalline Properties of Thioesters. <i>Australian Journal of Chemistry</i> , 2018, 71, 422.	0.9	0
71	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