

# Yasushi Morita

## List of Publications by Year in descending order

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152  
papers

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61984

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62596

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171  
all docs

171  
docs citations

171  
times ranked

4513  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic organic spin chemistry for structurally well-defined open-shell graphene fragments. <i>Nature Chemistry</i> , 2011, 3, 197-204.	13.6	545
2	Organic tailored batteries materials using stable open-shell molecules with degenerate frontier orbitals. <i>Nature Materials</i> , 2011, 10, 947-951.	27.5	482
3	Synthesis, Intermolecular Interaction, and Semiconductive Behavior of a Delocalized Singlet Biradical Hydrocarbon. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6564-6568.	13.8	312
4	Strong Two-Photon Absorption of Singlet Diradical Hydrocarbons. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3544-3546.	13.8	261
5	Aromaticity on the Pancake-Bonded Dimer of Neutral Phenalenyl Radical as Studied by MS and NMR Spectroscopies and NICS Analysis. <i>Journal of the American Chemical Society</i> , 2006, 128, 2530-2531.	13.7	228
6	Thermochromism in an organic crystal based on the coexistence of $\pi$ - and $\pi$ -dimers. <i>Nature Materials</i> , 2008, 7, 48-51.	27.5	216
7	Alternating Covalent Bonding Interactions in a One-Dimensional Chain of a Phenalenyl-Based Singlet Biradical Molecule Having Kekulé Structures. <i>Journal of the American Chemical Society</i> , 2010, 132, 14421-14428.	13.7	162
8	The First Detection of a Clar's Hydrocarbon, 2,6,10-Tri-tert-Butyltriangulene: A Ground-State Triplet of Non-Kekulé Polynuclear Benzenoid Hydrocarbon. <i>Journal of the American Chemical Society</i> , 2001, 123, 12702-12703.	13.7	157
9	A New Trend in Phenalenyl Chemistry: A Persistent Neutral Radical, 2,5,8-Tri-tert-butyl-1,3-diazaphenalenyl, and the Excited Triplet State of the Gablesyn-Dimer in the Crystal of Column Motif. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1793-1796.	13.8	156
10	Singlet Biradical Character of Phenalenyl-Based Kekulé Hydrocarbon with Naphthoquinoid Structure. <i>Organic Letters</i> , 2007, 9, 81-84.	4.6	148
11	Hydrogen-Bond Interaction in Organic Conductors: Redox Activation, Molecular Recognition, Structural Regulation, and Proton Transfer in Donor-Acceptor Charge-Transfer Complexes of TTF-Imidazole. <i>Journal of the American Chemical Society</i> , 2007, 129, 10837-10846.	13.7	142
12	Second hyperpolarizabilities of polycyclic aromatic hydrocarbons involving phenalenyl radical units. <i>Chemical Physics Letters</i> , 2006, 418, 142-147.	2.6	139
13	Molecular electron-spin quantum computers and quantum information processing: pulse-based electron magnetic resonance spin technology applied to matter spin-qubits. <i>Journal of Materials Chemistry</i> , 2009, 19, 3739.	6.7	133
14	A Synthetic Two-Spin Quantum Bit: Engineered Exchange-Coupled Biradical Designed for Controlled NOT Gate Operations. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9860-9864.	13.8	129
15	Spin Transfer and Solvato-/Thermochromism Induced by Intramolecular Electron Transfer in a Purely Organic Open-Shell System. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7277-7280.	13.8	123
16	Ambipolar organic field-effect transistors based on a low band gap semiconductor with balanced hole and electron mobilities. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	120
17	Hybrid Density Functional Theory Studies on the Magnetic Interactions and the Weak Covalent Bonding for the Phenalenyl Radical Dimeric Pair. <i>Journal of the American Chemical Society</i> , 2002, 124, 11122-11130.	13.7	118
18	An organozinc aid in alkylation and acylation of lithium enolates. <i>Journal of Organic Chemistry</i> , 1989, 54, 1785-1787.	3.2	112

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19	A Purely Organic Molecular Metal Based on a Hydrogen-Bonded Charge-Transfer Complex: Crystal Structure and Electronic Properties of TTF-Imidazole-p-Chloranil. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6343-6346.	13.8	101
20	Room temperature hyperpolarization of nuclear spins in bulk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7527-7530.	7.1	99
21	Three-component coupling synthesis of prostaglandins. A simplified, general procedure. <i>Tetrahedron</i> , 1990, 46, 4809-4822.	1.9	94
22	Origin of the enhancement of the second hyperpolarizability of singlet diradical systems with intermediate diradical character. <i>Journal of Chemical Physics</i> , 2006, 125, 074113.	3.0	88
23	Theoretical Study on the Second Hyperpolarizabilities of Phenalenyl Radical Systems Involving Acetylene and Vinylene Linkers: A Diradical Character and Spin Multiplicity Dependences. <i>Journal of Physical Chemistry A</i> , 2007, 111, 3633-3641.	2.5	84
24	Three-dimensional Intramolecular Exchange Interaction in a Curved and Nonalternant $\pi$ -Conjugated System: Corannulene with Two Phenoxy Radicals. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1678-1682.	13.8	78
25	Chiral Stable Phenalenyl Radical: Synthesis, Electronic Spin Structure, and Optical Properties of [4]Helicene-structured Diazaphenalenyl. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6691-6695.	13.8	72
26	New Persistent Radicals: Synthesis and Electronic Spin Structure of 2,5-Di-tert-butyl-6-Oxophenalenoxyl Derivatives. <i>Journal of the American Chemical Society</i> , 2000, 122, 4825-4826.	13.7	70
27	Triple-Stranded Metallo-Helicenes Addressable as Lloyd's Electron Spin Qubits. <i>Journal of the American Chemical Society</i> , 2010, 132, 6944-6946.	13.7	70
28	Organic Rechargeable Batteries with Tailored Voltage and Cycle Performance. <i>ChemSusChem</i> , 2013, 6, 794-797.	6.8	65
29	Cooperation of Hydrogen-Bond and Charge-Transfer Interactions in Molecular Complexes in the Solid State. <i>Bulletin of the Chemical Society of Japan</i> , 2013, 86, 183-197.	3.2	63
30	Curved Aromaticity of a Corannulene-Based Neutral Radical: Crystal Structure and 3D Unbalanced Delocalization of Spin. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2035-2038.	13.8	62
31	Curve-Structured Phenalenyl Chemistry: Synthesis, Electronic Structure, and Bowl-Inversion Barrier of a Phenalenyl-Fused Corannulene Anion. <i>Journal of the American Chemical Society</i> , 2008, 130, 14954-14955.	13.7	57
32	Hydrogen-Bonded Charge-Transfer Complexes of TTF Containing a Uracil Moiety: Crystal Structures and Electronic Properties of the Hydrogen Cyananilate and TCNQ Complexes. <i>Organic Letters</i> , 2002, 4, 2185-2188.	4.6	54
33	Trioxotriangulene: Air- and Thermally Stable Organic Carbon-Centered Neutral $\pi$ -Radical without Steric Protection. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 922-931.	3.2	54
34	Near-infrared absorption of $\pi$ -stacking columns composed of trioxotriangulene neutral radicals. <i>Npj Quantum Materials</i> , 2017, 2, .	5.2	52
35	Hexamethoxyphenalenyl as a Possible Quantum Spin Simulator: An Electronically Stabilized Neutral $\pi$ -Radical with Novel Quantum Coherence Owing to Extremely High Nuclear Spin Degeneracy. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4795-4799.	13.8	49
36	Selective propargylation of carbonyl compounds with allenylstannane/alkyllithium mixed reagents. <i>Journal of Organic Chemistry</i> , 1990, 55, 441-449.	3.2	48

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37	Redox-Based Spin Diversity in a 6-Oxophenalenoxyl System: Generation, ESR/ENDOR/TRIPLE, and Theoretical Studies of 2,5,8-Tri-tert-butylphenalenyl- 1,6-bis(olate) Salts. <i>Organic Letters</i> , 2002, 4, 1985-1988.	4.6	48
38	Hydrogen-Bonded Networks in Organic Conductors: Crystal Structures and Electronic Properties of Charge-Transfer Salts of Tetracyanoquinodimethane with 4,4'-Biimidazolium Having Multiprotonated States. <i>Journal of Organic Chemistry</i> , 2005, 70, 2739-2744.	3.2	47
39	Selective Formation of Conductive Network by Radical-Induced Oxidation. <i>Journal of the American Chemical Society</i> , 2016, 138, 1776-1779.	13.7	46
40	Prostaglandin synthesis 15. Synthesis and structural revision of (7E)- and (7Z)-punaglandin 4. <i>Journal of Organic Chemistry</i> , 1988, 53, 286-295.	3.2	45
41	Topological Symmetry Control in Spin Density Distribution: Spin Chemistry of Phenalenyl-Based Neutral Monoradical Systems. <i>Organic Letters</i> , 2003, 5, 3289-3291.	4.6	45
42	Mixed valence salts based on carbon-centered neutral radical crystals. <i>Communications Chemistry</i> , 2018, 1, .	4.5	43
43	Metal-free electrocatalysts for oxygen reduction reaction based on trioxotriangulene. <i>Communications Chemistry</i> , 2019, 2, .	4.5	43
44	The First Bowl-Shaped Stable Neutral Radical with a Corannulene System: Synthesis and Characterization of the Electronic Structure. <i>Organic Letters</i> , 2004, 6, 1397-1400.	4.6	41
45	Continuous aspirin use does not increase post-endoscopic dissection bleeding risk for gastric neoplasms in patients on antiplatelet therapy. <i>Endoscopy International Open</i> , 2015, 03, E31-E38.	1.8	38
46	Hexaazaphenalenyl Anion Revisited: A Highly Symmetric Planar $\pi$ System with Multiple-Networking Ability for Self-Assembled Metal Complexation. <i>Inorganic Chemistry</i> , 2005, 44, 8197-8199.	4.0	36
47	Oxophenalenoxyl: Novel stable neutral radicals with a unique spin-delocalized nature depending on topological symmetries and redox states. <i>Pure and Applied Chemistry</i> , 2008, 80, 507-517.	1.9	36
48	ESR and $^1\text{H}$ , $^{19}\text{F}$ -ENDOR/TRIPLE Study of Fluorinated Diphenylnitroxides as Synthetic Bus Spin-Qubit Radicals with Client Qubits in Solution. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 449-453.	4.6	36
49	Second hyperpolarizabilities ( $\hat{\beta}^3$ ) of open-shell singlet one-dimensional systems: Intersite interaction effects on the average diradical character and size dependences of $\hat{\beta}^3$ . <i>Chemical Physics Letters</i> , 2006, 432, 473-479.	2.6	34
50	Second hyperpolarizability of phenalenyl radical system involving acetylene $\pi$ -conjugated bridge. <i>Chemical Physics Letters</i> , 2006, 420, 432-437.	2.6	33
51	Tetrathiafulvalene-Fused Porphyrins via Quinoxaline Linkers: Symmetric and Asymmetric Donor-Acceptor Systems. <i>ChemPhysChem</i> , 2012, 13, 3370-3382.	2.1	32
52	Effective exchange integrals and chemical indices for a phenalenyl radical dimeric pair. <i>Chemical Physics Letters</i> , 2002, 358, 17-23.	2.6	31
53	Two-Dimensional Networks of Ethylenedithiotetrathiafulvalene Derivatives with the Hydrogen-Bonded Functionality of Uracil, and Channel Structure of Its Tetracyanoquinodimethane Complex. <i>Journal of Organic Chemistry</i> , 2006, 71, 5631-5637.	3.2	31
54	Crystal surface mediated structure transformation of a kinetic framework composed of multi-interactive ligand TPHAP and Co(ii). <i>Chemical Communications</i> , 2012, 48, 10651.	4.1	31

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55	Zwitterionic $\pi$ -radical involving EDT-TTF-imidazole and F4TCNQ: redox properties and self-assembled structure by hydrogen-bonds and multiple S $\cdots$ S interactions. <i>Chemical Communications</i> , 2007, , 4009.	4.1	30
56	An Extremely Redox-Active Air-Stable Neutral $\pi$ -Radical: Dicyanomethylene-Substituted Triangulene with a Threefold Symmetry. <i>Chemistry - A European Journal</i> , 2012, 18, 16272-16276.	3.3	30
57	New Stable Neutral Radical with Intramolecular Hydrogen Bonding: Synthesis and Characterization of 2,5,8-Tri-tert-butyl-7-hydroxy-6-oxophenalenoxyl. <i>Organic Letters</i> , 2001, 3, 3099-3102.	4.6	29
58	A Bowl-Shaped <i>ortho</i> -Semiquinone Radical Anion: Quantitative Evaluation of the Dynamic Behavior of Structural and Electronic Features. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6333-6337.	13.8	29
59	Detection of new neutral radicals: 2-phenyl- and 2-p-methoxyphenyl-3-oxophenalenoxyl radicals. <i>Tetrahedron Letters</i> , 1996, 37, 873-876.	1.4	28
60	Charge-Transfer Complex of a New Acceptor Cyananilate with Tetramethyltetrathiafulvalene, (TMTTF) <sub>2</sub> HCNAL. <i>Chemistry Letters</i> , 1997, 26, 729-730.	1.3	27
61	Acyclic stereoselection. 43. Stereoselective synthesis of the C-8 to C-15 moiety of erythronolide A. <i>Journal of Organic Chemistry</i> , 1988, 53, 4730-4735.	3.2	26
62	Novel building blocks for crystal engineering: the first synthesis of oligo(imidazole)s supplementary information (ESI) available: synthetic procedures and characterisation details for 2, 3, 4 and 5, and X-ray crystallographic data and packing views. See <a href="http://www.rsc.org/suppdata/p1/b2/b208777d/">http://www.rsc.org/suppdata/p1/b2/b208777d/</a> . <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 2598-2600.	1.3	25
63	Second Hyperpolarizabilities of Singlet Polycyclic Diphenalenyl Radicals: Effects of the Nature of the Central Heterocyclic Ring and Substitution to Diphenalenyl Rings. <i>Journal of Physical Chemistry A</i> , 2007, 111, 9102-9110.	2.5	25
64	Control of Exchange Interactions in $\pi$ Dimers of 6-Oxophenalenoxyl Neutral $\pi$ Radicals: Spin Density Distributions and Multicentered Two-Electron Bonding Governed by Topological Symmetry and Substitution at the <i>ortho</i> -Position. <i>Chemistry - A European Journal</i> , 2013, 19, 11904-11915.	3.3	24
65	6-Oxophenalenoxyl derivatives covalently linked to TTF moieties: synthesis, ESR/ENDOR measurements, and DFT calculations. <i>Tetrahedron Letters</i> , 2001, 42, 7991-7995.	1.4	22
66	Phenalenyl-Based Highly Conductive Molecular Systems with Hydrogen-Bonded Networks: Synthesis, Physical Properties, and Crystal Structures of 1,3- and 1,6-Diazaphenalenenes, and Their Protonated Salts and Charge-Transfer Complexes with TCNQ. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 894-913.	3.2	22
67	TTF-Cytosine Dyad as an Electron-donor Molecule Having Proton-accepting Ability: Formation of Hemiprotonated Cytosine Dimer in I <sup>3+</sup> Salt. <i>Chemistry Letters</i> , 2007, 36, 1102-1103.	1.3	22
68	Electronic Stabilization Effect of a Spin-Delocalized Neutral Radical: Synthesis of an 8-Cyano-6-oxophenalenoxyl Derivative and Quantitative Evaluation of the Electronic Spin Structure in terms of Resonance Structures. <i>Chemistry - an Asian Journal</i> , 2011, 6, 1188-1196.	3.3	22
69	Pulsed electron spin nutation spectroscopy of weakly exchange-coupled biradicals: a general theoretical approach and determination of the spin dipolar interaction. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 9137.	2.8	22
70	A synthetic study of metal complexes of coordinated neutral radicals based on an azaphenalenyl system. <i>Polyhedron</i> , 2003, 22, 2215-2218.	2.2	21
71	The First Metal Complexes of 4,4-Biimidazole and 4,4-Biimidazolate with Hydrogen-Bonding Networks on the Cu(II) Complexes: 1-D Structures by N-H $\cdots$ X $\cdots$ N Hydrogen-Bonding. <i>Chemistry Letters</i> , 2004, 33, 188-189.		21
72	Macrocyclic High-Spin ( <i>S</i> =2) Molecule: Spin Identification of a Sterically Rigid Metacyclophane-Based Nitroxide Tetraradical by Two-Dimensional Electron Spin Transient Nutation Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3988-3990.	13.8	21

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73	Hydrogen-Bond Architectures of Protonated 4,4'-Bimidazolium Derivatives and Oligo(imidazolium)s in Charge-Transfer Salts with Tetracyanoquinodimethane. <i>Crystal Growth and Design</i> , 2008, 8, 3058-3065.	3.0	21
74	First Synthesis of Alkylthio-Substituted 4,4'-Biphenyloquinones and 4,4'-Biphenohydroquinones (4,4'-Biphenyldiols). <i>Journal of Organic Chemistry</i> , 1997, 62, 7464-7468.	3.2	20
75	Transformation of Double Hydrogen-bonding Motifs of TTF-Uracil System by Redox Change. <i>Chemistry Letters</i> , 2005, 34, 1326-1327.	1.3	20
76	Spin delocalization on curved surface $\pi$ -system: Corannulene with iminonitroxide. <i>Polyhedron</i> , 2005, 24, 2200-2204.	2.2	20
77	Second hyperpolarizabilities of polycyclic diphenalenyl radicals: Effects of para/ortho-quinoid structures and central ring modification. <i>Chemical Physics Letters</i> , 2006, 429, 174-179.	2.6	20
78	Synthesis and Characterization of Acetylene-Linked Bisphenalenyl and Metallic-Like Behavior in Its Charge-Transfer Complex. <i>Chemistry - an Asian Journal</i> , 2007, 2, 1370-1379.	3.3	20
79	A Novel TTF-based Electron-donor with Imidazole-annulation Having Hydrogen-bonding and Proton-transfer Abilities. <i>Chemistry Letters</i> , 2008, 37, 24-25.	1.3	20
80	Introduction of Amino Groups into the Dibenzo-TTF $\pi$ -System: Enhanced Electron-Donating Ability and Intermolecular Hydrogen Bonding. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 2014-2018.	3.2	19
81	Electronic-spin and columnar crystal structures of stable 2,5,8-tri-tert-butyl-1,3-diazaphenalenyl radical. <i>Polyhedron</i> , 2003, 22, 2199-2204.	2.2	18
82	Pluri-dimensional hydrogen-bonded networks of novel thiophene-introduced oligo(imidazole)s and physical properties of their charge-transfer complexes with TCNQ. <i>Tetrahedron</i> , 2005, 61, 6056-6063.	1.9	18
83	Hexaazaphenylene Derivatives: One-Pot Synthesis, Hydrogen-Bonded Chiral Helix, and Fluorescence Properties. <i>Organic Letters</i> , 2010, 12, 5036-5039.	4.6	18
84	Syntheses, Redox Properties, Self-Assembled Structures, and Charge-Transfer Complexes of Imidazole- and Benzimidazole-Annulated Tetrathiafulvalene Derivatives. <i>Bulletin of the Chemical Society of Japan</i> , 2013, 86, 927-939.	3.2	18
85	Synthesis and properties of 1,6-diazaphenalenyls and their charge-transfer complexes with tetracyanoquinodimethane. <i>Tetrahedron Letters</i> , 1997, 38, 4583-4586.	1.4	17
86	Proton-transfer salts between an EDT-TTF derivative having imidazole-ring and anilic acids: multi-dimensional networks by acid-base hydrogen-bonds, $\pi$ -stacks and chalcogen atom interactions. <i>CrystEngComm</i> , 2011, 13, 3689.	2.6	17
87	Redox-active Diazaphenalenyl-based Molecule and Neutral Radical Formation. <i>Chemistry Letters</i> , 2015, 44, 1131-1133.	1.3	17
88	Multidimensional Networks of $\pi$ -Conjugated Oligomers: Crystal Structures of 4,4':2,2'-bis(4,4'-quaterimidazole) in Hydrate, Protonated Salt, and Dinuclear Copper Complexes. <i>Crystal Growth and Design</i> , 2006, 6, 1043-1047.	3.0	16
89	Scanning Tunneling Microscopy Study of a Phenalenyl-Based Singlet Biradical on Graphite. <i>Journal of Physical Chemistry C</i> , 2009, 113, 1515-1519.	3.1	16
90	Heteroatom functionalization of phenalenyl: synthesis, structures, and properties of hexa-substituted phenalenyliums. <i>Journal of Physical Organic Chemistry</i> , 2011, 24, 952-959.	1.9	16

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91	Tetrathiafulvalene- $\pi$ -Type Electron Donors Bearing Biimidazole Moieties: Multifunctional Units with Hydrogen Bonding Abilities. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4123-4129.	2.4	16
92	Pulsed electron spin nutation spectroscopy for weakly exchange-coupled multi-spin molecular systems with nuclear hyperfine couplings: a general approach to bi- and triradicals and determination of their spin dipolar and exchange interactions. <i>Molecular Physics</i> , 2013, 111, 2767-2787.	1.7	16
93	Dimer formation and detection of neutral radical: 2,5-dimethyl-6-oxophenalenoxyl radical. <i>Tetrahedron Letters</i> , 1996, 37, 877-880.	1.4	15
94	Implementation of molecular spin quantum computing by pulsed ENDOR technique: Direct observation of quantum entanglement and spinor. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2007, 40, 363-366.	2.7	15
95	Solution- $\pi$ -Stable Triple Helicates of Quaterimidazole: Three-Dimensional Crystal Structures and Optical Resolution by Chiral-Column HPLC. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 3438-3445.	2.0	15
96	A Dicyanomethylene-Substituted Triangulene: Effects of Molecular-Symmetry Reduction and Electron-Accepting Substituents on a Fused Polycyclic Neutral $\pi$ -Radical System. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2057-2063.	3.3	15
97	Theoretical Studies on the Magnetic and Conductive Properties of Crystals Containing Open-Shell Trioxotriangulene Radicals. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 315-333.	3.2	15
98	Dynamic Nuclear Polarization using Photoexcited Triplet Electron Spins in Eutectic Mixtures. <i>Journal of Physical Chemistry A</i> , 2018, 122, 9670-9675.	2.5	15
99	Microscopic Behavior of Active Materials Inside a TCNQ-Based Lithium-Ion Rechargeable Battery by in Situ 2D ESR Measurements. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 43631-43640.	8.0	15
100	Redox-based spin diversity: a reversible topological spin switching in oxophenalenoxyl systems. <i>Polyhedron</i> , 2003, 22, 2209-2213.	2.2	14
101	Air-stable Curved $\pi$ -Radical Based on Corannulene: Dynamic Electronic-spin Structure Induced by Temperature-dependent Conformational Changes. <i>Australian Journal of Chemistry</i> , 2010, 63, 1627.	0.9	14
102	The diversity of Zn(II) coordination networks composed of multi-interactive ligand TPHPA <sup>2-</sup> via weak intermolecular interaction. <i>CrystEngComm</i> , 2014, 16, 6335-6344.	2.6	14
103	Hydrogen-bonded networks of 2,2'-substituted 4,4'-biimidazoles: New ligands for the assembled metal complexes. <i>Polyhedron</i> , 2005, 24, 2625-2631.	2.2	13
104	Supramolecular Architectures and Hydrogen-Bond Directionalities of 4,4'-Biimidazole Metal Complexes Depending on Coordination Geometries. <i>Crystal Growth and Design</i> , 2010, 10, 4898-4905.	3.0	13
105	Development of Organic Conductors with Self-Assembled Architectures of Biomolecules: Synthesis and Crystal Structures of Nucleobase-Functionalized Tetrathiafulvalene Derivatives. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 995-1006.	3.2	13
106	High-field NMR with dissolution triplet-DNP. <i>Journal of Magnetic Resonance</i> , 2019, 309, 106623.	2.1	13
107	Air-Stable Thin Films with High and Anisotropic Electrical Conductivities Composed of a Carbon-Centered Neutral $\pi$ -Radical. <i>ACS Omega</i> , 2019, 4, 17569-17575.	3.5	13
108	Colored Ionic Liquid Based on Stable Polycyclic Anion Salt Showing Halochromism with HCl Vapor. <i>Organic Letters</i> , 2019, 21, 2161-2165.	4.6	12

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109	Deflected spin transmission from radical substituent to Corannulene's curved surface: Density functional theory calculations. <i>Polyhedron</i> , 2005, 24, 2326-2329.	2.2	11
110	Redox-active tubular frameworks with TTF: self-assemblies by complementary hydrogen-bonds and $\pi$ -stacks of TTF-phenyluracil. <i>CrystEngComm</i> , 2011, 13, 6880.	2.6	11
111	Synthesis of Trioxotriangulene Stable Neutral $\pi$ -Radicals Having Alkyl Substituent Groups, and Their Effects on Electronic-spin and $\pi$ -Stacking Structures. <i>Chemistry Letters</i> , 2020, 49, 95-98.	1.3	11
112	2-Aryl substituted 3-oxophenalenoxyl radicals: $\pi$ -Spin structures and properties evaluated by dimer structure. <i>Polyhedron</i> , 2005, 24, 2194-2199.	2.2	10
113	2D Coordination Network of Trioxotriangulene with Multiple Redox Abilities and Its Rechargeable Battery Performance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4723.	4.1	10
114	High Capacity and Energy Density Organic Lithium-Ion Battery Based on Buckypaper with Stable $\pi$ -Radical. <i>ChemSusChem</i> , 2021, 14, 1377-1387.	6.8	10
115	First Syntheses of Iodinated 1,6-Dithiapyrene Derivatives. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 205-206.	3.2	9
116	2-Iodo-1,6-dithiapyrene: Syntheses, crystal structures and physical properties of CT complexes and salt. <i>Polyhedron</i> , 2005, 24, 2632-2638.	2.2	9
117	Control in spin-delocalization into the 2-substituted $\pi$ -systems in 3-oxophenalenoxyl neutral radicals: evaluation by their dimeric structures and DFT calculations. <i>Tetrahedron</i> , 2007, 63, 7690-7695.	1.9	9
118	Synthesis, crystal structure, and properties of a new hydrogen-bonded electron-donor: 1,6-Dithiapyrene-imidazole. <i>Solid State Sciences</i> , 2008, 10, 1720-1723.	3.2	9
119	Modulation of charge-transfer complexes assisted by complementary hydrogen bonds of nucleobases: TCNQ complexes of a uracil-substituted EDO-TTF. <i>CrystEngComm</i> , 2012, 14, 6881.	2.6	9
120	Intramolecular Magnetic Interaction of Spin-Delocalized Neutral Radicals through $\pi$ -Phenylene Spacers. <i>ChemPlusChem</i> , 2019, 84, 680-685.	2.8	9
121	Air-Stable Open-shell Organic Molecules: Syntheses of Electronic-Spin Delocalized Neutral Radicals and Dynamic Electronic-Spin Physical Properties. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2012, 70, 50-59.	0.1	9
122	A novel organic neutral radical system: topological effects in oxophenalenoxyls. <i>Polyhedron</i> , 2003, 22, 2205-2208.	2.2	8
123	Trifluoromethyl-derived enamionones and their difluoroboron complexes: Synthesis, crystal structure and electrochemistry properties. <i>Journal of Fluorine Chemistry</i> , 2014, 167, 211-225.	1.7	8
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