

Takashi Kubo

List of Publications by Year in descending order

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190
papers

8,798
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38720

50
h-index

46771

89
g-index

218
all docs

218
docs citations

218
times ranked

4074
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism and Kinetics of Fluorescence Quenching of Fluorene-Endcapped Butatriene: A Microspectroscopic Study of the Discrete State Constructed in Microcrystals. <i>Journal of Physical Chemistry C</i> , 2022, 126, 1196-1203.	1.5	3
2	Molecular and Spin Structures of a Through-Space Conjugated Triradical System. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	16
3	1,2,3-Tri(9-anthryl)benzene: Photophysical Properties and Solid-State Intermolecular Interactions of Radially Arranged, Congested Aromatic π -Planes**. <i>Chemistry - A European Journal</i> , 2022, 28, e202104245.	1.7	3
4	Molecular and Spin Structures of a Through-Space Conjugated Triradical System. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	1
5	A strong hydride donating, acid stable and reusable 1,4-dihydropyridine for selective aldimine and aldehyde reductions. <i>Organic and Biomolecular Chemistry</i> , 2022, , .	1.5	2
6	Synthesis, properties and chemical modification of a persistent triisopropylsilylethynyl substituted tri(9-anthryl)methyl radical. <i>Chemical Communications</i> , 2022, 58, 3306-3309.	2.2	7
7	Tunable Solid-State Thermochromism: Alkyl Chain Length-Dependent Conformational Isomerization of Bianthrones. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	2
8	Sterically Frustrated Aromatic Enes with Various Colors Originating from Multiple Folded and Twisted Conformations in Crystal Polymorphs**. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	9
9	Synthesis of π -Extended Thiele TM s and Chichibabin TM s Hydrocarbons and Effect of the π -Congestion on Conformations and Electronic States. <i>Journal of the American Chemical Society</i> , 2022, 144, 7479-7488.	6.6	23
10	Synthesis of Anthracene-Based Cyclic π -Clusters and Elucidation of their Properties Originating from Congested Aromatic Planes. <i>Angewandte Chemie</i> , 2021, 133, 5460-5466.	1.6	4
11	Synthesis of Anthracene-Based Cyclic π -Clusters and Elucidation of their Properties Originating from Congested Aromatic Planes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5400-5406.	7.2	21
12	Biradicaloid Behavior of a Twisted Double Bond. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 4729-4734.	2.1	16
13	Syntheses and Properties of Open-Shell π -Conjugated Molecules. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 2235-2244.	2.0	25
14	Spin-Spin Interactions in One-Dimensional Assemblies of a Cumulene-Based Singlet Biradical. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21319-21326.	7.2	5
15	Spin-Spin Interactions in One-Dimensional Assemblies of a Cumulene-Based Singlet Biradical. <i>Angewandte Chemie</i> , 2021, 133, 21489-21496.	1.6	2
16	Long Carbon-Carbon Bonding beyond 2 Å... in Tris(9-fluorenylidene)methane. <i>Journal of the American Chemical Society</i> , 2021, 143, 14360-14366.	6.6	19
17	Optical nature of non-substituted triphenylmethyl cation: Crystalline state emission, thermochromism, and phosphorescence. <i>Aggregate</i> , 2021, 2, e126.	5.2	13
18	Formation of Perylenes by Oxidative Dimerization of Naphthalenes Bearing Radical Sources. <i>ChemPlusChem</i> , 2020, 85, 101-109.	1.3	4

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19	Switchable Conformational Isomerization of an Overcrowded Tristricyclic Aromatic Ene. <i>Journal of Organic Chemistry</i> , 2020, 85, 179-186.	1.7	33
20	Synthesis and Electronic Properties of the 1-Naphthoxyl Radical. <i>Chemistry Letters</i> , 2020, 49, 153-155.	0.7	2
21	Low-Temperature Removal of Dissociated Bromine by Silicon Atoms for an On-Surface Ullmann Reaction. <i>Journal of Physical Chemistry C</i> , 2020, 124, 19675-19680.	1.5	10
22	Duality of Reactivity of a Biradicaloid Compound with an <i>o</i> -Quinodimethane Scaffold. <i>Journal of the American Chemical Society</i> , 2020, 142, 5408-5418.	6.6	25
23	Three-dimensional graphene nanoribbons as a framework for molecular assembly and local probe chemistry. <i>Science Advances</i> , 2020, 6, eaay8913.	4.7	58
24	Chiral Tetraarylmethane Derivative with Metal-Coordinating Ability. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 652-659.	1.3	2
25	Self-Assembly of 1-Deazahypoxanthine: Cooperativity of Hydrogen-Bonding and Stacking Interactions. <i>Journal of Physical Chemistry C</i> , 2019, 123, 20928-20935.	1.5	2
26	Solvent viscosity-dependent isomerization equilibrium of tetramethoxy-substituted bianthrone. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 12209-12216.	1.3	15
27	Redox/pH Dual Stimuli-Responsive Acridine Spiropyran. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 863-866.	1.3	2
28	Dynamics of Water Molecules in a 3-Fold Interpenetrated Hydrogen-Bonded Organic Framework Based on Tetrakis(4-pyridyl)methane. <i>Journal of Physical Chemistry C</i> , 2019, 123, 6599-6606.	1.5	4
29	Synthesis, Physical Properties, and Reactivity of Stable, π -Conjugated, Carbon-Centered Radicals. <i>Molecules</i> , 2019, 24, 665.	1.7	51
30	Quantum Master Equation Approach to Singlet Fission Dynamics in Pentacene Linear Aggregate Models: Size Dependences of Excitonic Coupling Effects. <i>Journal of Computational Chemistry</i> , 2019, 40, 89-104.	1.5	21
31	Anthracene-Attached Persistent Tricyclic Aromatic Hydrocarbon Radicals. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1830-1836.	1.7	14
32	Synthesis and Electronic Properties of Triperylene[3.3.3]Propellanes: Towards Two-Dimensional Electronic Structures. <i>ChemPlusChem</i> , 2019, 84, 599-602.	1.3	7
33	Synthesis, Physical Properties, and Reactivity of Persistent π -Conjugated Carbon-Centered Radicals. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2019, 77, 494-502.	0.0	1
34	Unforeseen 1,2-Aryl Shift in Tetraarylpyrrolo[3,2- <i>b</i>]pyrroles Triggered by Oxidative Aromatic Coupling. <i>Organic Letters</i> , 2018, 20, 1517-1520.	2.4	42
35	Polarity-Dependent Isomerization of an Unsymmetrical Overcrowded Ethylene Promoted by Zwitterionic Contribution in the Twisted Isomer. <i>Chemistry - an Asian Journal</i> , 2018, 13, 510-514.	1.7	21
36	Innenteilbild: Synthesis and Properties of a Highly Congested Tri(9-anthryl)methyl Radical (<i>Angew.</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.6	10

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37	Synthesis and Properties of a Highly Congested Tri(9-anthryl)methyl Radical. <i>Angewandte Chemie</i> , 2018, 130, 16754-16757.	1.6	30
38	Synthesis and Properties of a Highly Congested Tri(9-anthryl)methyl Radical. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16516-16519.	7.2	47
39	Donor–Donor–Acceptor Triads Based on [3.3]Paracyclophane with a 1,4-Dithiafulvene Donor and a Cyanomethylene Acceptor: Synthesis, Structure, and Electrochemical and Photophysical Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 11407-11416.	1.7	2
40	Synthesis, crystal structure, and photophysical properties of 2,9-disubstituted peropyrene derivatives. <i>Canadian Journal of Chemistry</i> , 2017, 95, 432-444.	0.6	15
41	Direct quantitative measurement of the C–O–C bond by atomic force microscopy. <i>Science Advances</i> , 2017, 3, e1603258.	4.7	80
42	Elucidation of Intramolecular Through-Space Electronic Communication in a Propeller-Shaped Molecule. <i>ChemPlusChem</i> , 2017, 82, 1006-1009.	1.3	11
43	Anthroxyl-based biradical: toward the construction of highly stable multi-spin systems. <i>Organic Chemistry Frontiers</i> , 2017, 4, 828-833.	2.3	7
44	Benzenoid Quinodimethanes. <i>Topics in Current Chemistry</i> , 2017, 375, 83.	3.0	53
45	Intermolecular Packing Effects on Singlet Fission in Oligorylene Dimers. <i>ACS Omega</i> , 2017, 2, 5095-5103.	1.6	27
46	Benzenoid Quinodimethanes. <i>Topics in Current Chemistry Collections</i> , 2017, , 69-105.	0.2	3
47	Recent Advances in the Chemistry of Phenalenyl. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2016, 74, 1069-1077.	0.0	41
48	Stable Delocalized Singlet Biradical Hydrocarbon for Organic Field-Effect Transistors. <i>Advanced Functional Materials</i> , 2016, 26, 277-283.	7.8	57
49	Synthesis, Structure, and Properties of Quinone Methides Incorporating Thiophene and Bithiophene Derivatives: New Overcrowded Extended Quinonoid π -Systems. <i>Synlett</i> , 2016, 27, 2133-2139.	1.0	2
50	Stealth fast photoswitching of negative photochromic naphthalene-bridged phenoxyl-imidazolyl radical complexes. <i>Chemical Communications</i> , 2016, 52, 6797-6800.	2.2	15
51	Nonplanar Butterfly-Shaped π -Expanded Pyrrolopyrroles. <i>Chemistry - A European Journal</i> , 2016, 22, 16478-16488.	1.7	69
52	Quantum Master Equation Approach to Singlet Fission Dynamics of Realistic/Artificial Pentacene Dimer Models: Relative Relaxation Factor Analysis. <i>Journal of Physical Chemistry C</i> , 2016, 120, 22803-22815.	1.5	42
53	Fluxional π -Bonds of the 2,5,8-Trimethylphenalenyl Dimer: Direct Observation of the Sixfold π -Bond Shift via a π -Dimer. <i>Journal of the American Chemical Society</i> , 2016, 138, 4665-4672.	6.6	92
54	Intramolecular Interaction, Photoisomerization, and Mechanical C–C Bond Dissociation of 1,2-Di(9-anthryl)benzene and Its Photoisomer: A Fundamental Moiety of Anthracene-Based π -Cluster Molecules. <i>Journal of Organic Chemistry</i> , 2016, 81, 2106-2112.	1.7	24

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55	Improvement of properties of an ambipolar organic field-effect transistor by using a singlet biradicaloid film. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 011601.	0.8	3
56	Biphenalenylidene: Isolation and Characterization of the Reactive Intermediate on the Decomposition Pathway of Phenalenyl Radical. <i>Journal of the American Chemical Society</i> , 2016, 138, 2399-2410.	6.6	64
57	Synthesis of a Cage-Shaped Nickel(II) Complex of bis(4-Cyclohexylamino-3-pyridyl)disulfide with $\frac{1}{2}$ -Cl Bridging. <i>Heterocycles</i> , 2016, 93, 406.	0.4	0
58	Recent Progress in Quinoidal Singlet Biradical Molecules. <i>Chemistry Letters</i> , 2015, 44, 111-122.	0.7	253
59	Phenalenyl-Based Open-Shell Polycyclic Aromatic Hydrocarbons. <i>Chemical Record</i> , 2015, 15, 218-232.	2.9	196
60	Hetero-Dimers of Phenalenyls. <i>Chemistry - A European Journal</i> , 2015, 21, 18230-18236.	1.7	38
61	Synthesis, Molecular Structure, And Morphological Properties of Dendritic Tetra-2-thienylmethane. <i>Heterocycles</i> , 2015, 91, 2343.	0.4	1
62	Isolation of a Hydrogen-Bonded Complex Based on the Anthranol/Anthroxyl Pair: Formation of a Hydrogen-Atom Self-Exchange System. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2402-2405.	7.2	24
63	A facile synthesis of trinaphtho[3.3.3]propellane and its π -extension and the formation of a two-dimensional honeycomb molecular assembly. <i>Chemical Communications</i> , 2015, 51, 3801-3803.	2.2	28
64	Efficient Synthesis of Tetra-4-pyridylmethane: Pyrolysis of Tri(4-pyridyl)-4-pyridylazomethane. <i>Chemistry Letters</i> , 2015, 44, 32-34.	0.7	1
65	Organic Chemistry of Graphene Framework. , 2015, , 337-360.		5
66	Static electric field effect on third-order nonlinear optical (NLO) properties of singlet diradical molecules: Toward the realization of an electric field induced open-shell NLO switch. , 2015, , .		0
67	Synthesis of Sexithiophene-Bridged Cage Compound: A New Class of Three-Dimensionally Expanded Oligothiophenes. <i>Organic Letters</i> , 2014, 16, 5870-5873.	2.4	12
68	Evidence of π - and π -Dimerization in a Series of Phenalenyls. <i>Journal of the American Chemical Society</i> , 2014, 136, 18009-18022.	6.6	150
69	Third-Order Nonlinear Optical Properties of One-Dimensional Open-Shell Molecular Aggregates Composed of Phenalenyl Radicals. <i>Chemistry - A European Journal</i> , 2014, 20, 11129-11136.	1.7	46
70	Dual Association Modes of the 2,5-Tris(pentafluorophenyl)phenalenyl Radical. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1823-1829.	1.7	56
71	Design and Synthesis of New Stable Fluorenyl-Based Radicals. <i>Journal of the American Chemical Society</i> , 2014, 136, 12784-12793.	6.6	83
72	Anthenes: Model systems for understanding the edge state of graphene nanoribbons. <i>Pure and Applied Chemistry</i> , 2014, 86, 497-505.	0.9	24

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73	Voltammetric and in situ frequency modulation atomic force microscopic investigation of phenalenyl derivatives adsorbed on graphite surfaces. <i>Carbon</i> , 2014, 77, 184-190.	5.4	7
74	Synthesis and Characterization of Nickel Complex of 4-Amino-3-pyridinethiolate. <i>Heterocycles</i> , 2014, 88, 175.	0.4	0
75	Electronic Structure of One-Dimensional Biradical Molecular Chain. <i>Materials Research Society Symposia Proceedings</i> , 2014, 1605, 1.	0.1	0
76	Diradicalology in third-order nonlinear optical systems: Second hyperpolarizabilities of acetylene-linked phenalenyl-based superpolyenes. <i>International Journal of Quantum Chemistry</i> , 2013, 113, 585-591.	1.0	4
77	Investigating the edge state of graphene nanoribbons by a chemical approach: Synthesis and magnetic properties of zigzag-edged nanographene molecules. <i>Solid State Communications</i> , 2013, 175-176, 62-70.	0.9	18
78	Synthesis and Characterization of Quarteranthene: Elucidating the Characteristics of the Edge State of Graphene Nanoribbons at the Molecular Level. <i>Journal of the American Chemical Society</i> , 2013, 135, 1430-1437.	6.6	237
79	Electron transfer of phenalenyl derivative molecules adsorbed at the graphite electrode/aqueous solution interface. <i>Carbon</i> , 2013, 63, 196-201.	5.4	5
80	Direct observation of energy band development in a one-dimensional biradical molecular chain by ultraviolet photoemission spectroscopy. <i>Applied Physics Letters</i> , 2013, 102, 134103.	1.5	10
81	Facile Synthesis and Lateral Expansion of Bisanthenes. <i>Chemistry Letters</i> , 2013, 42, 592-594.	0.7	52
82	Electronic Structure of Organic Biradical Molecular Films. <i>Journal of the Vacuum Society of Japan</i> , 2013, 56, 32-38.	0.3	0
83	Electron donor solvent effects on the (Hyper) polarizabilities of a solute presenting singlet diradical character. <i>AIP Conference Proceedings</i> , 2012, , .	0.3	2
84	Spin polarization and third-order nonlinear optical properties of open-shell singlet graphene nanoflakes. , 2012, , .		0
85	Long-range-corrected UDFT study on second hyperpolarizabilities of open-shell singlet systems. , 2012, , .		0
86	Theoretical consideration of singlet open-shell character of polyperiacenes using Clar's aromatic sextet valence bond model and quantum chemical calculations. <i>AIP Conference Proceedings</i> , 2012, , .	0.3	54
87	One- and two-photon absorptions in open-shell singlet systems. <i>AIP Conference Proceedings</i> , 2012, , .	0.3	13
88	Theoretical aspects on the evaluation and interpretation of the third-order nonlinear optical properties of diradical compounds. , 2012, , .		0
89	Singlet open-shell character of conjugated Kekulé molecules. , 2012, , .		0
90	Synthesis and electronic structure of bisanthene: A small molecular-sized graphene with zigzag edges. <i>AIP Conference Proceedings</i> , 2012, , .	0.3	16

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91	Impact of Antidot Structure on the Multiradical Characters, Aromaticities, and Third-Order Nonlinear Optical Properties of Hexagonal Graphene Nanoflakes. <i>Journal of Physical Chemistry C</i> , 2012, 116, 17787-17795.	1.5	61
92	Aromaticity and π -bond covalency: prominent intermolecular covalent bonding interaction of a Kekulé hydrocarbon with very significant singlet biradical character. <i>Chemical Communications</i> , 2012, 48, 5629.	2.2	111
93	Synthesis, Electronic, and Morphological Properties of Tetrahedral Oligothiophenes with n -Hexyl Terminal Groups. <i>Chemistry - an Asian Journal</i> , 2012, 7, 225-232.	1.7	5
94	ISOLATION AND FIRST X-RAY STRUCTURES OF NICKEL COMPLEXES OF 1,2,5-THIADIAZOLE-3,4-DITHIOLATE (TDAS) IN PROTONATED FORMS. <i>Heterocycles</i> , 2012, 86, 991.	0.4	0
95	Giant Enhancement of the Second Hyperpolarizabilities of Open-Shell Singlet Polyaromatic Diphenalenyl Diradicaloids by an External Electric Field and Donor-Acceptor Substitution. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 1094-1098.	2.1	111
96	Enhancement of Second Hyperpolarizabilities in Open-Shell Singlet Slipped-Stack Dimers Composed of Square Planar Nickel Complexes Involving π -Semiquinonato Type Ligands. <i>Journal of Physical Chemistry A</i> , 2011, 115, 1117-1124.	1.1	21
97	Synthesis, Crystal Structure, and Physical Properties of Sterically Unprotected Hydrocarbon Radicals. <i>Journal of the American Chemical Society</i> , 2011, 133, 14240-14243.	6.6	84
98	Singlet Open-Shell Character of Polyperiacenes. , 2011, , 45-57.		0
99	Size dependences of the diradical character and the second hyperpolarizabilities in dicyclopenta-fused acenes: relationships with their aromaticity/antiaromaticity. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 20575.	1.3	69
100	Third-Order Nonlinear Optical Properties of Open-Shell Supermolecular Systems Composed of Acetylene Linked Phenalenyl Radicals. <i>Journal of Physical Chemistry A</i> , 2011, 115, 8767-8777.	1.1	30
101	(Hyper)polarizability density analysis for open-shell molecular systems based on natural orbitals and occupation numbers. <i>Theoretical Chemistry Accounts</i> , 2011, 130, 711-724.	0.5	125
102	Experimental consideration of covalent bonding interactions in stacks of singlet biradicals having Kekulé structures. <i>Journal of Physical Organic Chemistry</i> , 2011, 24, 876-882.	0.9	25
103	Open-Shell Characters and Second Hyperpolarizabilities of One-Dimensional Graphene Nanoflakes Composed of Trigonal Graphene Units. <i>ChemPhysChem</i> , 2011, 12, 1697-1707.	1.0	46
104	Marking the nitrogen atoms of phenyl(2-pyridyl)(3-pyridyl)(4-pyridyl)methane. Synthesis and absolute configuration of the corresponding tris(pyridine N -oxide). <i>Chirality</i> , 2011, 23, 543-548.	1.3	4
105	Pentaleno[1,2- c :4,5- i]dithiophene Derivatives: First Synthesis, Properties, and a Molecular Structure. <i>Chemistry Letters</i> , 2010, 39, 300-301.	0.7	47
106	Synthesis and Characterization of Teranthene: A Singlet Biradical Polycyclic Aromatic Hydrocarbon Having Kekulé Structures. <i>Journal of the American Chemical Society</i> , 2010, 132, 11021-11023.	6.6	285
107	Signature of multiradical character in second hyperpolarizabilities of rectangular graphene nanoflakes. <i>Chemical Physics Letters</i> , 2010, 489, 212-218.	1.2	90
108	Dinaphthopentalenes: Pentalene Derivatives for Organic Thin-Film Transistors. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7728-7732.	7.2	170

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109	An effective synthesis of N,N-dimethylamides from carboxylic acids and a new route from N,N-dimethylamides to 1,2-diaryl-1,2-diketones. <i>Tetrahedron</i> , 2010, 66, 8968-8973.	1.0	35
110	Long-range corrected density functional theory study on static second hyperpolarizabilities of singlet diradical systems. <i>Journal of Chemical Physics</i> , 2010, 132, 094107.	1.2	82
111	Singlet Diradical Character from Experiment. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 937-940.	2.1	181
112	Hydrogen-Bonded Quartz-type Network of Diprotonated Tetrakis(4-pyridyl)methane Dications. <i>Crystal Growth and Design</i> , 2010, 10, 2854-2856.	1.4	7
113	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.	6.6	162
114	Giant electric field effect on the second hyperpolarizability of symmetric singlet diradical molecules. <i>Journal of Chemical Physics</i> , 2010, 133, 154302.	1.2	38
115	Electronic structure of delocalized singlet biradical Ph ₂ -IDPL solid film. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 12570.	1.3	15
116	Synthesis and Identification of a Trimethylenemethane Derivative Ć-Extended with Three Pyridinyl Radicals. <i>Organic Letters</i> , 2010, 12, 836-839.	2.4	14
117	Chemistry of Phenalenyl-based Delocalized Singlet Biradicals. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2010, 68, 64-74.	0.0	6
118	Third-Order Nonlinear Optical Properties of Open-Shell Systems: Diradical Character and Spin State Dependences. , 2009, , .		0
119	An Extremely Simple Dibenzopentalene Synthesis from 2-ĆBromoĆ-Ćethynylbenzenes Using Nickel(0) Complexes: Construction of Its Derivatives with Various Functionalities. <i>Chemistry - A European Journal</i> , 2009, 15, 2653-2661.	1.7	113
120	Resonance Balance Shift in Stacks of Delocalized Singlet Biradicals. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5482-5486.	7.2	140
121	Third-order nonlinear optical properties of trigonal, rhombic and bow-tie graphene nanoflakes with strong structural dependence of diradical character. <i>Chemical Physics Letters</i> , 2009, 480, 278-283.	1.2	49
122	Electron donor solvent effects on the (hyper)polarizabilities of a singlet diradical molecule involving a boron atom. <i>Chemical Physics Letters</i> , 2009, 477, 309-314.	1.2	9
123	Theoretical study on third-order nonlinear optical properties in hexagonal graphene nanoflakes: Edge shape effect. <i>Chemical Physics Letters</i> , 2009, 477, 355-359.	1.2	74
124	Shape-persistent, double-helically twisted macrocycles with two quaterphenyl moieties: Synthesis, structure and physicochemical properties for a chiral sensor. <i>Comptes Rendus Chimie</i> , 2009, 12, 403-411.	0.2	7
125	Scanning Tunneling Microscopy Study of a Phenalenyl-Based Singlet Biradical on Graphite. <i>Journal of Physical Chemistry C</i> , 2009, 113, 1515-1519.	1.5	16
126	Control of third-order nonlinear optical properties of singlet diradical square planar metal complexes involving o-semiquinonato type ligands. <i>Synthetic Metals</i> , 2009, 159, 2416-2418.	2.1	7

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127	Remarkable two-photon absorption in open-shell singlet systems. <i>Journal of Chemical Physics</i> , 2009, 131, 114316.	1.2	54
128	Magnetic Properties of Iron(II) and Cobalt(II) Complexes of Tetrakis(2-pyridyl)methane. Spin-crossover Behavior in the Cobalt(II) Complex. <i>Chemistry Letters</i> , 2009, 38, 620-621.	0.7	14
129	Theoretical study on the second hyperpolarizability of open-shell singlet one-dimensional systems with a charged defect. <i>Chemical Physics Letters</i> , 2008, 451, 111-115.	1.2	13
130	Intermolecular interaction effects on the second hyperpolarizability of open-shell singlet diphenalenyl radical dimer. <i>Chemical Physics Letters</i> , 2008, 454, 97-104.	1.2	36
131	Theoretical study of third-order nonlinear optical properties in square nanographenes with open-shell singlet ground states. <i>Chemical Physics Letters</i> , 2008, 467, 120-125.	1.2	96
132	Electronic structure of 2,5,8-tri-tert-butylphenalenyl radical studied by He(I) photoelectron spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2008, 165, 11-14.	0.8	3
133	Tetrahedral Oligothiophenes; Synthesis, X-ray Analysis, and Optoelectronic Properties of Highly Symmetrical, 3D-Branched Oligothiophenes. <i>Chemistry - an Asian Journal</i> , 2008, 3, 2024-2032.	1.7	10
134	Synthesis and Functionalization of 3,3'-Bis(spirodienone)-Bridged 2,2'-Bithiophene: A New Building Block for Redox-Active Molecular Switching Materials. <i>Organic Letters</i> , 2008, 10, 3837-3840.	2.4	11
135	Theoretical Study on Second Hyperpolarizabilities of Singlet Diradical Square Planar Nickel Complexes Involving π -Semiquinonato Type Ligands. <i>Journal of Physical Chemistry A</i> , 2008, 112, 8423-8429.	1.1	49
136	Multicharged iron ions produced by using induction heating vapor source. <i>Review of Scientific Instruments</i> , 2008, 79, 02A312.	0.6	4
137	Application of compact electron cyclotron resonance ion source. <i>Review of Scientific Instruments</i> , 2008, 79, 02A328.	0.6	5
138	Chiral Tetrakis(2-thienyl)methane Derivative: A Possible Precursor for Cryptochiral Tetraalkylmethanes. <i>Chemistry Letters</i> , 2008, 37, 1236-1237.	0.7	3
139	Spin State Dependence of Second Hyperpolarizabilities of Zethrenes. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	0
140	Second Hyperpolarizability of Zethrenes. <i>Computing Letters</i> , 2007, 3, 333-338.	0.5	60
141	Relationship between Third-Order Nonlinear Optical Properties and Magnetic Interactions in Open-Shell Systems: A New Paradigm for Nonlinear Optics. <i>Physical Review Letters</i> , 2007, 99, 033001.	2.9	258
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