

Rajendra Singh Rathore

List of Publications by Year in descending order

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159
papers

5,090
citations

87723

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114278

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173
docs citations

173
times ranked

4644
citing authors

#	ARTICLE	IF	CITATIONS
1	π-Extended dibenzo[<i>g</i>], <i>p</i>]chrysenes. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2393-2401.	2.3	5
2	Regioselectivity in the Scholl Reaction: Mono and Double [7]Helicenes. <i>Organic Letters</i> , 2021, 23, 5170-5174.	2.4	17
3	Angular ladder-type <i>meta</i> -phenylenes: synthesis and electronic structural analysis. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3215-3222.	2.3	4
4	Electron-Transfer-Induced Self-Assembly of a Molecular Tweezer Platform. <i>Chemistry - A European Journal</i> , 2020, 26, 14085-14089.	1.7	7
5	Highly robust cation radical salts: Aromatic oxidants from cycloannulated aromatic donors. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 382, 111882.	2.0	2
6	Accessing highly electron-rich calix[<i>n</i>]arene (<i>n</i> = 4 and 8) derivatives from acid-catalyzed condensation of 1,3,5-tripropoxybenzene. <i>Tetrahedron Letters</i> , 2019, 60, 151215.	0.7	0
7	Redox-Induced Molecular Actuators: The Case of Oxy-Alternate Bridged Cyclotetramertrylene. <i>Organic Letters</i> , 2019, 21, 7987-7991.	2.4	2
8	Charge-transfer or excimeric state? Exploring the nature of the excited state in cofacially arrayed polyfluorene derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 374, 125-130.	2.0	2
9	Non-planar dodecaalkoxy-hexa-peri-hexabenzocoronene with six reversible oxidation States. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 382, 111881.	2.0	1
10	Role of Conserved Histidine and Serine in the HCXXXXXRS Motif of Human Dual-Specificity Phosphatase 5. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 1563-1574.	2.5	1
11	Photophysical properties of 1,3,6,8-tetraarylpyrenes and their cation radicals. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 375, 209-218.	2.0	10
12	Discovery and characterization of halogenated xanthene inhibitors of DUSP5 as potential photodynamic therapeutics. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 375, 114-131.	2.0	6
13	Calix[4]arene-Based Bis(Nitric Oxide) Complexes: Synthesis, Physical Properties, and Structural Characterization. <i>Chemistry - an Asian Journal</i> , 2019, 14, 542-546.	1.7	2
14	From Intramolecular (Circular) in an Isolated Molecule to Intermolecular Hole Delocalization in a Two-Dimensional Solid State Assembly: The Case of Pillarene. <i>Angewandte Chemie</i> , 2018, 130, 2166-2171.	1.6	1
15	Strength of π-Stacking, from Neutral to Cation: Precision Measurement of Binding Energies in an Isolated π-Stacked Dimer. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2058-2061.	2.1	15
16	Probing Charge Delocalization in Solid State Polychromophoric Cation Radicals Using X-ray Crystallography and DFT Calculations. <i>Journal of Physical Chemistry C</i> , 2018, 122, 9339-9345.	1.5	6
17	Ask Not How Many, But Where They Are: Substituents Control Energetic Ordering of Frontier Orbitals/Electronic Structures in Isomeric Methoxy-Substituted Dibenzochrysenes. <i>Journal of Physical Chemistry C</i> , 2018, 122, 2539-2545.	1.5	19
18	Study of Förster Resonance Energy Transfer to Lipid Domain Markers Ascertain Partitioning of Semisynthetic Lipidated N-Ras in Lipid Raft Nanodomains. <i>Biochemistry</i> , 2018, 57, 872-881.	1.2	13

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19	FHBC, a Hexa <i>peri</i> -hexabenzocoronene-Fluorene Hybrid: A Platform for Highly Soluble, Easily Functionalizable HBCs with an Expanded Graphitic Core. <i>Angewandte Chemie</i> , 2018, 130, 798-802.	1.6	5
20	From Intramolecular (Circular) in an Isolated Molecule to Intermolecular Hole Delocalization in a Two-Dimensional Solid-State Assembly: The Case of Pillarene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2144-2149.	7.2	8
21	From Static to Dynamic: Electron Density of HOMO at Biaryl Linkage Controls the Mechanism of Hole Delocalization. <i>Journal of the American Chemical Society</i> , 2018, 140, 4765-4769.	6.6	11
22	FHBC, a Hexa <i>peri</i> -hexabenzocoronene-Fluorene Hybrid: A Platform for Highly Soluble, Easily Functionalizable HBCs with an Expanded Graphitic Core. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 790-794.	7.2	12
23	Vertical vs. adiabatic ionization energies in solution and gas-phase: probing ionization-induced reorganization in conformationally-mobile bichromophoric actuators using photoelectron spectroscopy, electrochemistry and theory. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 25615-25622.	1.3	9
24	Dynamic Phosphorylation of the C Terminus of Hsp70 Regulates the Mitochondrial Import of SOD2 and Redox Balance. <i>Cell Reports</i> , 2018, 25, 2605-2616.e7.	2.9	40
25	π-π stacking vs. C-H interaction: Excimer formation and charge resonance stabilization in van der Waals clusters of 9,9-dimethylfluorene. <i>Journal of Chemical Physics</i> , 2018, 149, 134314.	1.2	10
26	An Electron-Rich Calix[4]arene-Based Receptor with Unprecedented Binding Affinity for Nitric Oxide. <i>Chemistry - A European Journal</i> , 2018, 24, 17439-17443.	1.7	6
27	Pyrene-Like HOMO Governs Polaron Delocalization in Model Graphitic Strips: A Combined Experimental and Computational Analysis. <i>Journal of Physical Chemistry C</i> , 2018, 122, 24527-24534.	1.5	1
28	Highly Selective Synthesis of Pillar[n]arene (n = 5, 6). <i>Organic Letters</i> , 2018, 20, 6583-6586.	2.4	24
29	Game of Frontier Orbitals: A View on the Rational Design of Novel Charge-Transfer Materials. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3978-3986.	2.1	25
30	Synthesis of Doubly Annulated <i>terphenyl</i> -Based Molecular Tweezers and Their Charge-Transfer Complexes with DDQ as a Guest. <i>Chemistry - A European Journal</i> , 2018, 24, 13106-13109.	1.7	8
31	An electron-transfer induced conformational transformation: from non-cofacial <i>sofa</i> to cofacial <i>boat</i> in cyclotetra <i>veratrylene</i> (CTTV) and formation of charge transfer complexes. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5712-5717.	1.5	9
32	Molecular Actuators in Action: Electron-Transfer-Induced Conformation Transformation in Cofacially Arrayed Polyfluorenes. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4233-4238.	2.1	7
33	Spreading Electron Density Thin: Increasing the Chromophore Size in Polyaromatic Wires Decreases Interchromophoric Electronic Coupling. <i>Journal of Physical Chemistry C</i> , 2018, 122, 17668-17675.	1.5	7
34	The Role of Torsional Dynamics on Hole and Exciton Stabilization in <i>π</i> -Stacked Assemblies: Design of Rigid Torsionomers of a Cofacial Bifluorene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8189-8193.	7.2	16
35	The Role of Torsional Dynamics on Hole and Exciton Stabilization in <i>π</i> -Stacked Assemblies: Design of Rigid Torsionomers of a Cofacial Bifluorene. <i>Angewandte Chemie</i> , 2018, 130, 8321-8325.	1.6	4
36	Towards the rational design of novel charge-transfer materials: biaryls with a dihedral angle-independent hole delocalization mechanism. <i>Chemical Communications</i> , 2018, 54, 5851-5854.	2.2	5

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37	Hückel Theory + Reorganization Energy = Marcus-Hush Theory: Breakdown of the 1/n Trend in π -Conjugated Poly-p-phenylene Cation Radicals Is Explained. <i>Journal of Physical Chemistry C</i> , 2017, 121, 1552-1561.	1.5	27
38	Poly-p-hydroquinone Ethers: Isoenergetic Molecular Wires with Length-Invariant Oxidation Potentials and Cation Radical Excitation Energies. <i>Journal of the American Chemical Society</i> , 2017, 139, 4334-4337.	6.6	16
39	Isolation of a chiral anthracene cation radical: X-ray crystallography and computational interrogation of its racemization. <i>Chemical Communications</i> , 2017, 53, 2748-2751.	2.2	7
40	Nodal Arrangement of HOMO Controls the Turning On/Off the Electronic Coupling in Isomeric Polypyrene Wires. <i>Journal of Physical Chemistry C</i> , 2017, 121, 9202-9208.	1.5	14
41	Dihedral Angle Controlled Crossover from Static Hole Delocalization to Dynamic Hopping in Biaryl Cation Radicals. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 266-269.	7.2	12
42	Dihedral Angle Controlled Crossover from Static Hole Delocalization to Dynamic Hopping in Biaryl Cation Radicals. <i>Angewandte Chemie</i> , 2017, 129, 272-275.	1.6	7
43	Unraveling the Coulombic Forces in Electronically Decoupled Bichromophoric Systems during Two Successive Electron Transfers. <i>Chemistry - A European Journal</i> , 2017, 23, 8834-8838.	1.7	8
44	Serendipitous discovery of light-induced (In Situ) formation of an Azo-bridged dimeric sulfonated naphthol as a potent PTP1B inhibitor. <i>BMC Biochemistry</i> , 2017, 18, 10.	4.4	7
45	Cofacially Arrayed Polyfluorenes: Spontaneous Formation of π -Stacked Assemblies in the Gas Phase. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5272-5276.	2.1	9
46	When Substituents Do Not Matter: Frontier Orbitals Explain the Unusually High and Invariant Oxidation Potential in Alkoxy-, Alkyl-, and H-Substituted Pterocenes. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4226-4230.	2.1	7
47	Dual Specificity Phosphatase Substrate Interaction: A Mechanistic Perspective. , 2017, 7, 1449-1461.		16
48	Through-Space or Through-Bond? The Important Role of Cofaciality in Orbital Reordering and Its Implications for Hole (De)stabilization in Polychromophoric Assemblies. <i>Journal of Physical Chemistry C</i> , 2017, 121, 15639-15643.	1.5	6
49	Effect of Facial Encumbrance on Excimer Formation and Charge Resonance Stabilization in Model Bichromophoric Assemblies. <i>Journal of Physical Chemistry C</i> , 2017, 121, 15580-15588.	1.5	10
50	Quantitative generation of cation radicals and dications using aromatic oxidants: effect of added electrolyte on the redox potentials of aromatic electron donors. <i>Journal of Physical Organic Chemistry</i> , 2016, 29, 227-233.	0.9	23
51	First Experimental Evidence for the Diverse Requirements of Excimer vs Hole Stabilization in π -Stacked Assemblies. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 3042-3045.	2.1	14
52	Interplay between Entropy and Enthalpy in (Intramolecular) Cyclophane-Like Folding versus (Intermolecular) Dimerization of Diarylalkane Cation Radicals. <i>Journal of Physical Chemistry C</i> , 2016, 120, 19558-19565.	1.5	8
53	Two's Company, Three's a Crowd: Exciton Localization in Cofacially Arrayed Polyfluorenes. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2915-2920.	2.1	12
54	Energy Gap between the Poly-p-phenylene Bridge and Donor Groups Controls the Hole Delocalization in Donor-Bridge-Donor Wires. <i>Journal of the American Chemical Society</i> , 2016, 138, 16337-16344.	6.6	29

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55	Critical Role of the Secondary Binding Pocket in Modulating the Enzymatic Activity of DUSP5 toward Phosphorylated ERKs. <i>Biochemistry</i> , 2016, 55, 6187-6195.	1.2	5
56	Toroidal delocalization of a single electron through circularly-arrayed benzophenone chromophores in hexakis(4-benzoylphenyl)benzene. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 331, 153-159.	2.0	5
57	Inclusion of Asymptotic Dependence of Reorganization Energy in the Modified Marcus-Based Multistate Model Accurately Predicts Hole Distribution in Poly- <i>p</i> -phenylene Wires. <i>Journal of Physical Chemistry C</i> , 2016, 120, 6402-6408.	1.5	18
58	From Wires to Cables: Attempted Synthesis of 1,3,5-Trifluorenylcyclohexane as a Platform for Molecular Cables. <i>Journal of Organic Chemistry</i> , 2016, 81, 1627-1634.	1.7	0
59	A search for blues brothers: X-ray crystallographic/spectroscopic characterization of the tetraarylbenzidine cation radical as a product of aging of solid magic blue. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2961-2968.	1.5	54
60	The HOMO Nodal Arrangement in Polychromophoric Molecules and Assemblies Controls the Interchromophoric Electronic Coupling. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14468-14472.	7.2	51
61	A Circle Has No End: Role of Cyclic Topology and Accompanying Structural Reorganization on the Hole Distribution in Cyclic and Linear Poly- <i>p</i> -phenylene Molecular Wires. <i>Journal of the American Chemical Society</i> , 2015, 137, 14999-15006.	6.6	50
62	Experimental and theoretical study on the interaction of the pyridinium cation with a hexaarylbenzene-based receptor. <i>Monatshefte für Chemie</i> , 2015, 146, 521-525.	0.9	14
63	Identification of inhibitors that target dual-specificity phosphatase 5 provide new insights into the binding requirements for the two phosphate pockets. <i>BMC Biochemistry</i> , 2015, 16, 19.	4.4	8
64	Does Koopmans's Paradigm for 1-Electron Oxidation Always Hold? Breakdown of IP/E _{ox} Relationship for <i>p</i> -Hydroquinone Ethers and the Role of Methoxy Group Rotation. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 3373-3378.	2.1	22
65	Identification of Polysulfonated Inhibitors that Target Dual Specificity Phosphatase 5 and Provide New Insights into the Binding Requirements for Dual-Phosphate Substrate Pockets. <i>FASEB Journal</i> , 2015, 29, 1022.6.	0.2	0
66	ELECTRONIC COMMUNICATION IN COVALENTLY vs. NON-COVALENTLY BONDED POLYFLUORENE SYSTEMS: THE ROLE OF THE COVALENT LINKER.., 2015, , .		0
67	Protein expression, characterization and activity comparisons of wild type and mutant DUSP5 proteins. <i>BMC Biochemistry</i> , 2014, 15, 27.	4.4	10
68	Key Role of End-Capping Groups in Optoelectronic Properties of Poly- <i>p</i> -phenylene Cation Radicals. <i>Journal of Physical Chemistry C</i> , 2014, 118, 21400-21408.	1.5	76
69	Subgap Two-Photon States in Polycyclic Aromatic Hydrocarbons: Evidence for Strong Electron Correlations. <i>Journal of Physical Chemistry C</i> , 2014, 118, 3331-3339.	1.5	23
70	Comment on "Synthesis, Characterization, and Structures of Persistent Aniline Radical Cation": It Is a Protonated Aniline and Not an Aniline Radical Cation. <i>Angewandte Chemie</i> , 2014, 126, 954-958.	1.6	3
71	Comment on "Synthesis, Characterization, and Structures of Persistent Aniline Radical Cation": It Is a Protonated Aniline and Not an Aniline Radical Cation. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 938-942.	7.2	8
72	Controlling the Structure of Reactive Intermediates via Incipient Covalent Bonding with the Counterions: Coexistence of Two Distinct Forms of the C ₆ F ₆ Cation Radical in a Single Crystal. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23568-23574.	1.5	2

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73	Grafting density effects, optoelectrical properties and nano-patterning of poly(para-phenylene) brushes. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13426.	5.2	5
74	Interaction of protonated tyramine with a hexaarylbenzene-based receptor: Extraction and DFT study. <i>Journal of Molecular Structure</i> , 2013, 1047, 277-281.	1.8	7
75	A Practical Synthesis of 1,4,5,8-Tetramethoxyanthracene from Inexpensive and Readily Available 1,8-Dihydroxyanthraquinone. <i>Synthesis</i> , 2012, 44, 805-809.	1.2	9
76	Combined Theoretical and Experimental Study of the Complexation of a Hexaarylbenzene-Based Receptor with the Potassium Cation. <i>Journal of Solution Chemistry</i> , 2012, 41, 1812-1824.	0.6	2
77	Experimental and theoretical study on the cooperative interaction of the ethanolammonium cation with a hexaarylbenzene-based receptor. <i>Chemical Physics</i> , 2012, 406, 86-90.	0.9	4
78	Electrochemistry and Electrogenerated Chemiluminescence of π -Stacked Poly(fluorene-methylene) Oligomers. Multiple, Interacting Electron Transfers. <i>Journal of the American Chemical Society</i> , 2012, 134, 16265-16274.	6.6	52
79	Charge Delocalization in Self-Assembled Mixed-Valence Aromatic Cation Radicals. <i>Langmuir</i> , 2012, 28, 71-83.	1.6	49
80	Cooperative interaction of protonated 1,4-diazabicyclo[2.2.2]octane with a hexaarylbenzene-based receptor: an experimental and theoretical study. <i>Monatshefte für Chemie</i> , 2012, 143, 563-568.	0.9	0
81	Cooperative interaction of protonated hexamethylenetetramine with a hexaarylbenzene-based receptor: Experimental and theoretical study. <i>Journal of Molecular Structure</i> , 2012, 1014, 7-11.	1.8	13
82	Sequential Oxidative Transformation of Tetraarylethylenes to 9,10-Diarylphenanthrenes and Dibenzo[<i>g</i>], [p]chrysenes using DDQ as an Oxidant. <i>Organic Letters</i> , 2011, 13, 1634-1637.	2.4	111
83	Experimental and theoretical study of the complexation of the thallium cation with a hexaarylbenzene-based receptor. <i>Monatshefte für Chemie</i> , 2011, 142, 447-451.	0.9	1
84	Affinity capillary electrophoresis and density functional theory employed for the characterization of hexaarylbenzene-based receptor complexation with alkali metal ions. <i>Electrophoresis</i> , 2011, 32, 981-987.	1.3	19
85	A combined extraction and DFT study on the complexation of H ₃ O ⁺ with a hexaarylbenzene-based receptor. <i>Monatshefte für Chemie</i> , 2010, 141, 737-741.	0.9	18
86	Theoretical study on the complexation of the sodium cation with a hexaarylbenzene-based receptor. <i>Monatshefte für Chemie</i> , 2010, 141, 1309-1311.	0.9	0
87	Crossover from Single-Step Tunneling to Multistep Hopping for Molecular Triplet Energy Transfer. <i>Science</i> , 2010, 328, 1547-1550.	6.0	101
88	Direct Observation of Electron-Transfer-Induced Conformational Transformation (Molecular) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 T 14592-14595.	1.2	12
89	<i>ortho</i> -Phenylenes: Unusual Conjugated Oligomers with a Surprisingly Long Effective Conjugation Length. <i>Journal of the American Chemical Society</i> , 2010, 132, 13848-13857.	6.6	111
90	Probing the Arenium-Ion (Proton Transfer) versus the Cation-Radical (Electron Transfer) Mechanism of Scholl Reaction Using DDQ as Oxidant. <i>Journal of Organic Chemistry</i> , 2010, 75, 4748-4760.	1.7	204

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91	Preparation of a tetraphenylethylene-based emitter: Synthesis, structure and optoelectronic properties of tetrakis(pentaphenylphenyl)ethylene. <i>Chemical Communications</i> , 2010, 46, 1065.	2.2	77
92	Isolation and X-ray structural characterization of a dicationic homotrimer of 2,3,6,7-tetramethoxy-9,10-dimethylantracene cation radical. <i>Tetrahedron Letters</i> , 2009, 50, 6687-6690.	0.7	7
93	Synthesis and electronic properties of nanometer-size symmetrical tetrakis(poly-p-phenylene)ethylenes. <i>Tetrahedron Letters</i> , 2009, 50, 6159-6162.	0.7	20
94	X-ray Structural Characterization of Charge Delocalization onto the Three Equivalent Benzenoid Rings in Hexamethoxytryptcene Cation Radical. <i>Organic Letters</i> , 2009, 11, 2253-2256.	2.4	27
95	Molecular Actuator: Redox-Controlled Clam-Like Motion in a Bichromophoric Electron Donor. <i>Organic Letters</i> , 2009, 11, 1939-1942.	2.4	44
96	A Versatile Preparation of Gel-Forming Terphenyls from a Readily Available Diacetylenic Precursor. <i>Organic Letters</i> , 2009, 11, 4656-4659.	2.4	32
97	Oxidative C-C Bond Formation (Scholl Reaction) with DDQ as an Efficient and Easily Recyclable Oxidant. <i>Organic Letters</i> , 2009, 11, 3474-3477.	2.4	247
98	A Versatile Synthesis of Electroactive Stilbenoprismoids for Effective Binding of Metal Cations. <i>Journal of Organic Chemistry</i> , 2009, 74, 2080-2087.	1.7	28
99	Synthesis, Optical, and Electronic Properties of Soluble Poly-p-phenylene Oligomers as Models for Molecular Wires. <i>Journal of the American Chemical Society</i> , 2009, 131, 1780-1786.	6.6	128
100	Octamethoxydibenzochrysenes: isolation and X-ray crystallographic characterization of a twisted polyaromatic cation radical. <i>Chemical Communications</i> , 2009, , 2857.	2.2	39
101	Synthesis and electronic properties of iso-alkyl substituted hexa-peri-hexabenzocoronenes (HBCs) from a versatile new HBC synthon, hexakis(4-acetylphenyl)benzene. <i>Tetrahedron Letters</i> , 2008, 49, 4869-4872.	0.7	20
102	A Facile Synthesis of Elusive Alkoxy-Substituted Hexa-peri-hexabenzocoronene. <i>Organic Letters</i> , 2008, 10, 5139-5142.	2.4	73
103	Synthesis, Electronic Properties, and X-ray Structural Characterization of Tetraarylbenzo[1,2-b:4,5-b']difuran Cation Radicals. <i>Organic Letters</i> , 2008, 10, 3587-3590.	2.4	39
104	Isolation and X-ray structural characterization of tetraisopropylpyrene cation radical. <i>Chemical Communications</i> , 2008, , 1889.	2.2	37
105	Duplexiphenes: A Polyaromatic Receptor Containing Two Adjoined π -Shaped Cavities for an Efficient Hopping of a Single Silver Cation. <i>Organic Letters</i> , 2008, 10, 389-392.	2.4	16
106	Practical Synthesis of Unsymmetrical Tetraarylethylenes and Their Application for the Preparation of [Triphenylethylene-Spacer-Triphenylethylene] Triads. <i>Journal of Organic Chemistry</i> , 2007, 72, 8054-8061.	1.7	102
107	Calculations of the Optical Spectra of Hydrocarbon Radical Cations Based on Koopmans' Theorem. <i>Journal of Physical Chemistry A</i> , 2007, 111, 1667-1676.	1.1	30
108	Electron Transfer Prompted Ejection of a Tightly Bound K^+ from the Ethereal Cavity of a Hexaarylbenzene-Based Receptor. <i>Organic Letters</i> , 2007, 9, 1291-1294.	2.4	39

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109	Convergent Synthesis of Alternating Fluorene-p-xylene Oligomers and Delineation of the (Silver) Cation-Induced Folding. <i>Journal of the American Chemical Society</i> , 2007, 129, 8458-8465.	6.6	25
110	Structural Characterization of Quaterphenyl Cation Radical: X-ray Crystallographic Evidence of Quinoidal Charge Delocalization in Poly-p-phenylene Cation Radicals. <i>Journal of the American Chemical Society</i> , 2007, 129, 8070-8071.	6.6	48
111	Preparation of Chiral Cholestanofluorene and Its Electron-Rich Derivatives for Isolation of a Stable Cation Radical Salt. <i>Journal of Organic Chemistry</i> , 2007, 72, 1765-1769.	1.7	12
112	Hexabenz[4.4.4]propellane: A Helical Molecular Platform for the Construction of Electroactive Materials. <i>Organic Letters</i> , 2007, 9, 4091-4094.	2.4	22
113	A New Class of Chiroptical Molecular Switches Based on the Redox-Induced Conformational Changes. <i>Organic Letters</i> , 2007, 9, 3977-3980.	2.4	20
114	Preparation of a Polymer-Supported Fluorene-Based Receptor for Quantitative and Efficient Binding of Silver Cations. <i>Chemistry - A European Journal</i> , 2007, 13, 6508-6513.	1.7	11
115	Intramolecular Electron Transfer in Cofacially π -Stacked Fluorenes: Evidence of Tunneling. <i>Journal of Physical Chemistry B</i> , 2006, 110, 1536-1540.	1.2	23
116	A Polyaromatic Receptor with an Ethereal Fence that Directs K^+ for Effective Cation- π Interaction. <i>Journal of the American Chemical Society</i> , 2006, 128, 5328-5329.	6.6	49
117	Toroidal Hopping of a Single Hole through the Circularly-Arrayed Naphthyl Groups in Hexanaphthylbenzene Cation Radical. <i>Journal of Physical Chemistry A</i> , 2006, 110, 13003-13006.	1.1	38
118	Simultaneous Ejection of Six Electrons at a Constant Potential by Hexakis(4-ferrocenylphenyl)benzene. <i>Organic Letters</i> , 2006, 8, 5041-5044.	2.4	72
119	Selective Intercalation of Cs^+ in the π -Shaped Cavity of a Bichromophoric Anion Radical: Cs^+ -Assisted π -Delocalization of an Electron. <i>Journal of Physical Chemistry A</i> , 2006, 110, 9602-9606.	1.1	3
120	Novel potentiometric and optical silver ion-selective sensors with subnanomolar detection limits. <i>Analytica Chimica Acta</i> , 2006, 572, 1-10.	2.6	90
121	A Versatile and Conformationally Adaptable Fluorene-Based Receptor for Efficient Binding of Silver Cation. <i>Journal of the American Chemical Society</i> , 2005, 127, 8012-8013.	6.6	63
122	Redox-Induced Transformation from an Extended to a π -Stacked Conformer in Acyclic Bis(catecholacetal)s of Acetylacetone. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2771-2774.	7.2	23
123	Intramolecular $C\alpha^2H/C\alpha^2D$ Exchange in Cofacially Stacked Polyfluorenes via Electron-Induced Bond Activation. <i>Journal of the American Chemical Society</i> , 2005, 127, 5282-5283.	6.6	11
124	Soluble cycloannulated tetroxa[8]circulane derivatives: synthesis, optical and electrochemical properties, and generation of their robust cation radical salts. <i>Tetrahedron Letters</i> , 2004, 45, 5267-5270.	0.7	53
125	Synthesis and Isolation of Polytrityl Cations by Utilizing Hexaphenylbenzene and Tetraphenylmethane Scaffolds. <i>Journal of Organic Chemistry</i> , 2004, 69, 1524-1530.	1.7	86
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