

Steffen Jockusch

List of Publications by Year in descending order

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276
papers

14,111
citations

20036

63
h-index

33145

104
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297
all docs

297
docs citations

297
times ranked

16912
citing authors

#	ARTICLE	IF	CITATIONS
1	Intramolecular Charge Transfer in the Azathioprine Prodrug Quenches Intersystem Crossing to the Reactive Triplet State in 6-Mercaptopurine. <i>Photochemistry and Photobiology</i> , 2022, 98, 617-632.	1.3	3
2	Combination of antiviral drugs inhibits SARS-CoV-2 polymerase and exonuclease and demonstrates COVID-19 therapeutic potential in viral cell culture. <i>Communications Biology</i> , 2022, 5, 154.	2.0	40
3	2-Oxopurine Riboside: A Dual Fluorescent Analog and Photosensitizer for RNA/DNA Research. <i>Journal of Physical Chemistry B</i> , 2022, 126, 4483-4490.	1.2	3
4	In silico prediction of annihilators for triplet-triplet annihilation upconversion via auxiliary-field quantum Monte Carlo. <i>Chemical Science</i> , 2021, 12, 1068-1079.	3.7	7
5	Uncovering New Excited State Photochemical Reactivity by Altering the Course of the De Mayo Reaction. <i>Journal of the American Chemical Society</i> , 2021, 143, 3677-3681.	6.6	17
6	In vitro antiviral activity of the anti-HCV drugs daclatasvir and sofosbuvir against SARS-CoV-2, the aetiological agent of COVID-19. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1874-1885.	1.3	65
7	Mussel-Inspired Coatings by Photoinduced Electron-Transfer Reactions: Photopolymerization of Dopamine under UV, Visible, and Daylight under Oxygen-Free Conditions. <i>Macromolecules</i> , 2021, 54, 5991-5999.	2.2	12
8	Fluorescence sensing of microplastics on surfaces. <i>Environmental Chemistry Letters</i> , 2021, 19, 1797-1802.	8.3	23
9	Novel Dual-Organelle-Targeting Probe (RCP) for Simultaneous Measurement of Organellar Acidity and Alkalinity in Living Cells. <i>ACS Omega</i> , 2021, 6, 31447-31456.	1.6	9
10	Energy Transfer Catalysis by Visible Light: Atropselective and Regioselective Intermolecular [2+2] Photocycloaddition of Maleimide with Alkenes. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1478-1481.	1.2	14
11	Quinoline-annulated porphyrin platinum complexes as NIR emitters. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 386-393.	0.4	4
12	Quinoidization of Expanded Aromatic Diimides: Photophysics, Aromaticity, and Stability of the Novel Quinoidal Acenes. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 917-922.	1.2	4
13	Nucleotide Analogues as Inhibitors of SARS-CoV-2 Polymerase, a Key Drug Target for COVID-19. <i>Journal of Proteome Research</i> , 2020, 19, 4690-4697.	1.8	223
14	Detection of the thietane precursor in the UVA formation of the DNA 6-4 photoadduct. <i>Nature Communications</i> , 2020, 11, 3599.	5.8	17
15	Synthesis, Characterization, and Catalytic Activity of Bimetallic Ti/Cr Complexes. <i>Organometallics</i> , 2020, 39, 4592-4598.	1.1	2
16	Molecular Engineering of Chromophores to Enable Triplet-Triplet Annihilation Upconversion. <i>Journal of the American Chemical Society</i> , 2020, 142, 19917-19925.	6.6	42
17	Photoinduced synthesis of antibacterial hydrogel from aqueous photoinitiating system. <i>European Polymer Journal</i> , 2020, 138, 109936.	2.6	11
18	Nucleotide analogues as inhibitors of SARS-CoV Polymerase. <i>Pharmacology Research and Perspectives</i> , 2020, 8, e00674.	1.1	56

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19	Sofosbuvir terminated RNA is more resistant to SARS-CoV-2 proofreader than RNA terminated by Remdesivir. <i>Scientific Reports</i> , 2020, 10, 16577.	1.6	65
20	Tuning the Baird aromatic triplet-state energy of cyclooctatetraene to maximize the self-healing mechanism in organic fluorophores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24305-24315.	3.3	35
21	A library of nucleotide analogues terminate RNA synthesis catalyzed by polymerases of coronaviruses that cause SARS and COVID-19. <i>Antiviral Research</i> , 2020, 180, 104857.	1.9	100
22	Iron imaging in myocardial infarction reperfusion injury. <i>Nature Communications</i> , 2020, 11, 3273.	5.8	22
23	Quinizarin Derivatives as Photoinitiators for Free-Radical and Cationic Photopolymerizations in the Visible Spectral Range. <i>Macromolecules</i> , 2020, 53, 1129-1141.	2.2	32
24	The red chlorophyll catabolite (RCC) is an inefficient sensitizer of singlet oxygen " photochemical studies of the methyl ester of RCC. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 668-673.	1.6	7
25	Zinc Substitution of Cobalt in Vitamin B12: Zincobyrinic acid and Zincobalamin as Luminescent Structural B12 Mimics. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14568-14572.	7.2	25
26	Zinc Substitution of Cobalt in Vitamin B12: Zincobyrinic acid and Zincobalamin as Luminescent Structural B12 Mimics. <i>Angewandte Chemie</i> , 2019, 131, 14710-14714.	1.6	4
27	Die Hydrogenobyrinsäure-Struktur enthallt den Corrin-Liganden als entatisches Zustandsmodul zur Steigerung der Katalyseaktivitat von B ₁₂ -Cofaktoren. <i>Angewandte Chemie</i> , 2019, 131, 10869-10873.	1.6	8
28	Comment on A. Tiessen "The fluorescent blue glow of banana fruits is not due to symplasmic plastidial catabolism but arises from insoluble phenols esterified to the cell wall". <i>Plant Science</i> , 2019, 280, 461-462.	1.7	0
29	Cardioprotection Effects of LPTC-5 Involve Mitochondrial Protection and Dynamics. <i>ACS Omega</i> , 2019, 4, 9868-9877.	1.6	1
30	The Hydrogenobyrinic Acid Structure Reveals the Corrin Ligand as an Entatic State Module Empowering B ₁₂ Cofactors for Catalysis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10756-10760.	7.2	30
31	Oxidizable Ketones: Persistent Radical Cations from the Single-Electron Oxidation of 2,3-Diaminocyclopropenones.. <i>Angewandte Chemie</i> , 2019, 131, 8133-8136.	1.6	2
32	Oxidizable Ketones: Persistent Radical Cations from the Single-Electron Oxidation of 2,3-Diaminocyclopropenones.. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8049-8052.	7.2	17
33	Compartmentalized Nanoreactors for One-Pot Redox-Driven Transformations. <i>ACS Catalysis</i> , 2019, 9, 2701-2706.	5.5	57
34	Dithionated Nucleobases as Effective Photodynamic Agents against Human Epidermoid Carcinoma Cells. <i>ChemMedChem</i> , 2018, 13, 1044-1050.	1.6	27
35	Photoacidity of vanillin derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 355, 38-41.	2.0	5
36	Identification of Fluorescent Small Molecule Compounds for Synaptic Labeling by Image-Based, High-Content Screening. <i>ACS Chemical Neuroscience</i> , 2018, 9, 673-683.	1.7	5

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37	Realizing the Photoene Reaction with Alkenes under Visible Light Irradiation and Bypassing the Favored [2 + 2]-Photocycloaddition. <i>Journal of the American Chemical Society</i> , 2018, 140, 13185-13189.	6.6	22
38	Conjugate addition from the excited state. <i>Chemical Communications</i> , 2018, 54, 11021-11024.	2.2	3
39	Three-Dimensional Graphene Nanostructures. <i>Journal of the American Chemical Society</i> , 2018, 140, 9341-9345.	6.6	93
40	Photochemical conversion of a cytidine derivative to a thymidine analog via [2+2]-cycloaddition. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1049-1055.	1.6	3
41	Thioxanthone Photoinitiators with Heterocyclic Extended Chromophores. <i>RSC Polymer Chemistry Series</i> , 2018, , 1-13.	0.1	3
42	Contorted Octabenzocircumbiphenyl Sorts Semiconducting Single-Walled Carbon Nanotubes with Structural Specificity. <i>Chemistry of Materials</i> , 2017, 29, 595-604.	3.2	2
43	Photochemical Reactivity of dTPT3: A Crucial Nucleobase Derivative in the Development of Semisynthetic Organisms. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2387-2392.	2.1	12
44	Realizing an Aza Paternò-Büchi Reaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7056-7061.	7.2	61
45	Frontispiece: Realizing an Aza Paternò-Büchi Reaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, .	7.2	0
46	Indole-TEMPO conjugates alleviate ischemia-reperfusion injury via attenuation of oxidative stress and preservation of mitochondrial function. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2545-2568.	1.4	11
47	A photo-auxiliary approach enabling excited state classical phototransformations with metal free visible light irradiation. <i>Chemical Communications</i> , 2017, 53, 1692-1695.	2.2	8
48	Transposed Paternò-Büchi Reaction. <i>Journal of the American Chemical Society</i> , 2017, 139, 655-662.	6.6	47
49	A Naphtho-p-quinodimethane Exhibiting Baird's (Anti)Aromaticity, Broken Symmetry, and Attractive Photoluminescence. <i>Journal of Organic Chemistry</i> , 2017, 82, 10167-10173.	1.7	22
50	Evaluating brominated thioxanthenes as organophotocatalysts. <i>Journal of Physical Organic Chemistry</i> , 2017, 30, e3738.	0.9	33
51	Realizing an Aza Paternò-Büchi Reaction. <i>Angewandte Chemie</i> , 2017, 129, 7162-7167.	1.6	16
52	Frontispiz: Realizing an Aza Paternò-Büchi Reaction. <i>Angewandte Chemie</i> , 2017, 129, .	1.6	0
53	Electronic tuning of self-healing fluorophores for live-cell and single-molecule imaging. <i>Chemical Science</i> , 2017, 8, 755-762.	3.7	58
54	Excited-State Dynamics of the Thiopurine Prodrug 6-Thioguanine: Can N9-Glycosylation Affect Its Phototoxic Activity?. <i>Molecules</i> , 2017, 22, 379.	1.7	43

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55	DNA Scaffolded Silver Clusters: A Critical Study. <i>Molecules</i> , 2016, 21, 216.	1.7	12
56	Organophotocatalysis: Insights into the Mechanistic Aspects of Thiourea-Mediated Intermolecular [2+2]-Photocycloadditions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5446-5451.	7.2	26
57	The Triplet State of 6-thio-2-deoxyguanosine: Intrinsic Properties and Reactivity Toward Molecular Oxygen. <i>Photochemistry and Photobiology</i> , 2016, 92, 286-292.	1.3	35
58	Frontispiece: Organophotocatalysis: Insights into the Mechanistic Aspects of Thiourea-Mediated Intermolecular [2+2]-Photocycloadditions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, .	7.2	0
59	Organophotocatalysis: Insights into the Mechanistic Aspects of Thiourea-Mediated Intermolecular [2+2]-Photocycloadditions. <i>Angewandte Chemie</i> , 2016, 128, 5536-5541.	1.6	7
60	Click chemistry based biomolecular conjugation monitoring using surface-enhanced Raman spectroscopy mapping. , 2016, , .		1
61	The active role of excited states of phenothiazines in photoinduced metal free atom transfer radical polymerization: singlet or triplet excited states?. <i>Polymer Chemistry</i> , 2016, 7, 6039-6043.	1.9	63
62	Electron Delocalization in Perylene Diimide Helicenes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13519-13523.	7.2	123
63	Electron Delocalization in Perylene Diimide Helicenes. <i>Angewandte Chemie</i> , 2016, 128, 13717-13721.	1.6	32
64	Photoinitiated Metal-Free Controlled/Living Radical Polymerization Using Polynuclear Aromatic Hydrocarbons. <i>Macromolecules</i> , 2016, 49, 7785-7792.	2.2	113
65	Photoreactions with a Twist: Atropisomerism-Driven Divergent Reactivity of Enones with UV and Visible Light. <i>Chemistry - A European Journal</i> , 2016, 22, 11339-11348.	1.7	16
66	Unintended Consequences of Expanding the Genetic Alphabet. <i>Journal of the American Chemical Society</i> , 2016, 138, 11457-11460.	6.6	36
67	Chlorophyll-Derived Yellow Phyllobilins of Higher Plants as Medium-Responsive Chiral Photoswitches. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15760-15765.	7.2	24
68	Quantitative analysis of biogenic polyamines in distilled drinks by direct electrospray ionization tandem mass spectrometry using a nanocontainer. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1963-1968.	0.7	8
69	Photoactivated Production of Secondary Organic Species from Isoprene in Aqueous Systems. <i>Journal of Physical Chemistry A</i> , 2016, 120, 9042-9048.	1.1	23
70	Von Chlorophyll abstammende gelbe Phyllobiline hÄ¶herer Pflanzen als umgebungsgesteuerte, chirale Photoschalter. <i>Angewandte Chemie</i> , 2016, 128, 15992-15997.	1.6	4
71	Innentitelbild: Von Chlorophyll abstammende gelbe Phyllobiline hÄ¶herer Pflanzen als umgebungsgesteuerte, chirale Photoschalter (<i>Angew. Chem.</i> 51/2016). <i>Angewandte Chemie</i> , 2016, 128, 15912-15912.	1.6	0
72	Frontispiz: Organophotocatalysis: Insights into the Mechanistic Aspects of Thiourea-Mediated Intermolecular [2+2]-Photocycloadditions. <i>Angewandte Chemie</i> , 2016, 128, .	1.6	0

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73	Engaging electronic effects for atropselective [5+2]-photocycloaddition of maleimides. <i>Chemical Communications</i> , 2016, 52, 8305-8308.	2.2	8
74	Thioxanthone-benzothiophenes as photoinitiator for free radical polymerization. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 331, 22-28.	2.0	64
75	Structure–Kinetics Correlations in Isostructural Crystals of $\hat{1}\pm$ -(<i>ortho</i> -Tolyl)-acetophenones: Pinning Down Electronic Effects Using Laser-Flash Photolysis in the Solid State. <i>Journal of the American Chemical Society</i> , 2016, 138, 2644-2648.	6.6	15
76	Evaluating thiourea/urea catalyst for enantioselective 6 $\hat{1}$ -photocyclization of acrylanilides. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 331, 84-88.	2.0	15
77	Energy Transfer from Quantum Dots to Graphene and MoS ₂ : The Role of Absorption and Screening in Two-Dimensional Materials. <i>Nano Letters</i> , 2016, 16, 2328-2333.	4.5	179
78	Intra-molecular triplet energy transfer is a general approach to improve organic fluorophore photostability. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 196-203.	1.6	45
79	Increase in the photoreactivity of uracil derivatives by doubling thionation. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 27851-27861.	1.3	96
80	Intra- to Intermolecular Singlet Fission. <i>Journal of Physical Chemistry C</i> , 2015, 119, 1312-1319.	1.5	65
81	Highly Stable and Sensitive Fluorescent Probes (LysoProbes) for Lysosomal Labeling and Tracking. <i>Scientific Reports</i> , 2015, 5, 8576.	1.6	66
82	Experimental Mixture Design as a Tool for the Synthesis of Antimicrobial Selective Molecularly Imprinted Monodisperse Microbeads. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 10966-10976.	4.0	17
83	Supramolecular Photochemistry in Solution and on Surfaces: Encapsulation and Dynamics of Guest Molecules and Communication between Encapsulated and Free Molecules. <i>Langmuir</i> , 2015, 31, 5554-5570.	1.6	41
84	Imaging Functional Dynamic Processes within Integral Membrane Proteins at the Single-Molecule Scale. <i>FASEB Journal</i> , 2015, 29, 498.3.	0.2	0
85	2,4-Dithiothymine as a Potent UVA Chemotherapeutic Agent. <i>Journal of the American Chemical Society</i> , 2014, 136, 17930-17933.	6.6	126
86	Enantiospecific photochemical 6 $\hat{1}$ -ring closure of $\hat{1}\pm$ -substituted atropisomeric acrylanilides—role of alkali metal ions. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 141-144.	1.6	19
87	Photolysis of endoperoxides in the presence of nitroxides: a laser flash photolysis study with optical and ESR detection. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 205-210.	1.6	3
88	Enantioselective Organo-Photocatalysis Mediated by Atropisomeric Thiourea Derivatives. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5604-5608.	7.2	159
89	The Contribution of Reactive Oxygen Species to the Photobleaching of Organic Fluorophores. <i>Photochemistry and Photobiology</i> , 2014, 90, 448-454.	1.3	137
90	Synthetic versus Natural Receptors: Supramolecular Control of Chemical Sensing in Fish. <i>ACS Chemical Biology</i> , 2014, 9, 1432-1436.	1.6	21

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91	Ultra-stable organic fluorophores for single-molecule research. <i>Chemical Society Reviews</i> , 2014, 43, 1044-1056.	18.7	323
92	Photochemical studies of a fluorescent chlorophyll catabolite " source of bright blue fluorescence in plant tissue and efficient sensitizer of singlet oxygen. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 407-411.	1.6	22
93	Phototransformation of benzimidazole and thiabendazole inside cucurbit[8]uril. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 310-315.	1.6	17
94	Dictating Photoreactivity through Restricted Bond Rotations: Cross-Photoaddition of Atropisomeric Acrylimide Derivatives under UV/Visible-Light Irradiation. <i>Journal of Physical Chemistry A</i> , 2014, 118, 10596-10602.	1.1	20
95	DNA sequencing by synthesis using 3'-O-azidomethyl nucleotide reversible terminators and surface-enhanced Raman spectroscopic detection. <i>RSC Advances</i> , 2014, 4, 49342-49346.	1.7	7
96	Photostabilization of endogenous porphyrins: excited state quenching by fused ring cyanoacrylates. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 1180-1184.	1.6	7
97	Evaluating Thiourea Architecture for Intramolecular [2+2] Photocycloaddition of 4-Alkenylcoumarins. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2763-2768.	2.1	47
98	Reduction of Cu(II) by photochemically generated phosphonyl radicals to generate Cu(I) as catalyst for atom transfer radical polymerization and azide-alkyne cycloaddition click reactions. <i>Polymer</i> , 2014, 55, 3468-3474.	1.8	68
99	Tailoring Atropisomeric Maleimides for Stereospecific [2 + 2] Photocycloaddition"Photochemical and Photophysical Investigations Leading to Visible-Light Photocatalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 8729-8737.	6.6	80
100	Enantioselective Organo-Photocatalysis Mediated by Atropisomeric Thiourea Derivatives. <i>Angewandte Chemie</i> , 2014, 126, 5710-5714.	1.6	54
101	Benzoin type photoinitiator for free radical polymerization. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1865-1871.	2.5	48
102	Thioxanthone Hydroquinone-O, O'-diacetic Acid: Photoinitiator or Photostabilizer?. <i>Journal of Organic Chemistry</i> , 2013, 78, 9161-9165.	1.7	18
103	Control of spin-spin exchange interactions in polynitroxides through inclusion within β -cyclodextrin. <i>RSC Advances</i> , 2013, 3, 427-431.	1.7	7
104	Dietary Chlorophyll Metabolites Catalyze the Photoreduction of Plasma Ubiquinone. <i>Photochemistry and Photobiology</i> , 2013, 89, 310-313.	1.3	7
105	Polystyrene/clay nanocomposites by atom transfer radical nitroxide coupling chemistry. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1024-1028.	2.5	16
106	Design and Synthesis of a Photoaromatization-Based Two-Stage Photobase Generator for Pitch Division Lithography. <i>Journal of Organic Chemistry</i> , 2013, 78, 1730-1734.	1.7	11
107	Study of a Two-Stage Photobase Generator for Photolithography in Microelectronics. <i>Journal of Organic Chemistry</i> , 2013, 78, 1735-1741.	1.7	8
108	Polyphenol and volatile profiles of pomegranate (<i>Punica granatum</i> L.) fruit extracts and liquors. <i>International Journal of Food Science and Technology</i> , 2013, 48, 693-700.	1.3	17

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109	Dynamics of excited state electron transfer at a liquid interface using time-resolved sum frequency generation. <i>Chemical Physics Letters</i> , 2012, 544, 1-6.	1.2	21
110	EPR Analysis and DFT Computations of a Series of Polynitroxides. <i>Journal of Physical Chemistry A</i> , 2012, 116, 174-184.	1.1	26
111	On the Mechanisms of Cyanine Fluorophore Photostabilization. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 2200-2203.	2.1	83
112	CdSe/ZnS core shell quantum dot-based FRET binary oligonucleotide probes for detection of nucleic acids. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 881-884.	1.6	12
113	Mechanisms by which Alkynes React with $\text{CpCr}(\text{CO})_3\text{H}$. Application to Radical Cyclization. <i>Journal of the American Chemical Society</i> , 2012, 134, 15512-15518.	6.6	39
114	Capsular Complexes of Nonpolar Guests with Octa Amine Host Detected in the Gas Phase. <i>Organic Letters</i> , 2012, 14, 560-563.	2.4	18
115	New Rhodamine Nitroxide Based Fluorescent Probes for Intracellular Hydroxyl Radical Identification in Living Cells. <i>Organic Letters</i> , 2012, 14, 50-53.	2.4	96
116	Photoinduced Electron Transfer Reactions of Highly Conjugated Thiophenes for Initiation of Cationic Polymerization and Conjugated Polymer Formation. <i>Macromolecules</i> , 2012, 45, 7829-7834.	2.2	65
117	Photoinduced electron transfer between a donor and an acceptor separated by a capsular wall. <i>Chemical Communications</i> , 2012, 48, 2710.	2.2	39
118	Kinetic Solvent Effects on Hydrogen Abstraction from Phenol by the Cumyloxyl Radical. Toward an Understanding of the Role of Protic Solvents. <i>Journal of Organic Chemistry</i> , 2012, 77, 1267-1272.	1.7	15
119	Structure of wood extract colloids and effect of CaCl_2 on the molecular mobility. <i>Nordic Pulp and Paper Research Journal</i> , 2012, 27, 639-646.	0.3	4
120	Photochemistry of 2-diphenylmethoxyacetophenone. Direct detection of a long-lived enol from a Norrish Type II photoreaction. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1450.	1.6	4
121	A Photochemical On/Off Switch for Tuning the Equilibrium Mixture of H_2 Nuclear Spin Isomers as a Function of Temperature. <i>Journal of the American Chemical Society</i> , 2011, 133, 14232-14235.	6.6	19
122	Aggregates of Cucurbituril Complexes in the Gas Phase. <i>Organic Letters</i> , 2011, 13, 2410-2413.	2.4	36
123	Mechanism of Photoinitiated Free Radical Polymerization by Thioxanthone-Anthracene in the Presence of Air. <i>Macromolecules</i> , 2011, 44, 2531-2535.	2.2	72
124	CIDEP from a Polarized Ketone Triplet State Incarcerated within a Nanocapsule to a Nitroxide in the Bulk Aqueous Solution. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 2877-2880.	2.1	22
125	Dynamics of capsuleplex formed between octaacid and organic guest molecules—Photophysical techniques reveal the opening and closing of capsuleplex. <i>Canadian Journal of Chemistry</i> , 2011, 89, 203-213.	0.6	43
126	Photophysical aspects of 6-methylcoumarin-cucurbit[8]uril host-guest complexes. <i>Canadian Journal of Chemistry</i> , 2011, 89, 310-316.	0.6	29

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127	Supramolecular photocatalysis: insights into cucurbit[8]uril catalyzed photodimerization of 6-methylcoumarin. <i>Chemical Communications</i> , 2011, 47, 6323.	2.2	75
128	Intermolecular Energy Transfer from Tb ³⁺ to Eu ³⁺ in Aqueous Aggregates and on the Surface of Human Cells. <i>Organic Letters</i> , 2011, 13, 2802-2805.	2.4	24
129	Interaction between Encapsulated Excited Organic Molecules and Free Nitroxides: Communication Across a Molecular Wall. <i>Langmuir</i> , 2011, 27, 10548-10555.	1.6	33
130	Observations of Interfacial Population and Organization of Surfactants with Sum Frequency Generation and Surface Tension. <i>Journal of Physical Chemistry C</i> , 2011, 115, 12064-12067.	1.5	19
131	A New Strategy to Photoactivate Green Fluorescent Protein. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7677-7679.	7.2	33
132	Electron Spin Polarization Transfer from a Nitroxide Incarcerated within a Nanocapsule to a Nitroxide in the Bulk Aqueous Solution. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2628-2632.	2.1	33
133	Closed Nanocontainer Enables Thioketones to Phosphoresce at Room Temperature in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2010, 114, 14320-14328.	1.2	34
134	Guest Rotations within a Capsuleplex Probed by NMR and EPR Techniques. <i>Langmuir</i> , 2010, 26, 6943-6953.	1.6	46
135	Suppression of spin-spin coupling in nitroxyl biradicals by supramolecular host-guest interactions. <i>Chemical Communications</i> , 2010, 46, 7736.	2.2	15
136	A Magnetic Switch for Spin-Catalyzed Interconversion of Nuclear Spin Isomers. <i>Journal of the American Chemical Society</i> , 2010, 132, 4042-4043.	6.6	32
137	Photoinitiated Polymerization: Advances, Challenges, and Opportunities. <i>Macromolecules</i> , 2010, 43, 6245-6260.	2.2	1,111
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