

# Wolfram Sander

## List of Publications by Citations

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176  
papers

4,944  
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37  
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197  
ext. papers

5,377  
ext. citations

7.9  
avg, IF

5.7  
L-index

#	Paper	IF	Citations
176	One century of aryne chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 502-28	16.4	498
175	Watching hydrogen-bond dynamics in a beta-turn by transient two-dimensional infrared spectroscopy. <i>Nature</i> , <b>2006</b> , 444, 469-72	50.4	292
174	Carbenes in matrixes: spectroscopy, structure, and reactivity. <i>Chemical Reviews</i> , <b>1993</b> , 93, 1583-1621	68.1	241
173	Carbonyl Oxides: Zwitterions or Diradicals?. <i>Angewandte Chemie International Edition in English</i> , <b>1990</b> , 29, 344-354		181
172	m-Benzyne and p-Benzyne. <i>Accounts of Chemical Research</i> , <b>1999</b> , 32, 669-676	24.3	131
171	100 Jahre Didehydroaromaten. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 518-546	3.6	115
170	Carbonylation reactions of intramolecular vicinal frustrated phosphane/borane Lewis pairs. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 18567-74	16.4	83
169	Vibrational spectrum of m-benzyne: a matrix isolation and computational study. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 13072-9	16.4	67
168	Photochemistry of Fluorinated Phenyl Nitrenes: Matrix Isolation of Fluorinated Azirines. <i>Journal of Organic Chemistry</i> , <b>1996</b> , 61, 4351-4354	4.2	66
167	3,5-Pyridyne--a heterocyclic meta-benzyne derivative. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 6135-49	16.4	65
166	The Structure of meta-Benzyne Revisited A Close Look into $\pi$ -Bond Formation. <i>Journal of Physical Chemistry A</i> , <b>2001</b> , 105, 10422-10432	2.8	65
165	A CCSD(T) and DFT investigation of m-benzyne and 4-hydroxy-m-benzyne. <i>Chemical Physics Letters</i> , <b>1997</b> , 268, 313-320	2.5	62
164	Matrix isolation infrared and ab initio study of the hydrogen bonding between formic acid and water. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2004</b> , 60, 3225-32	4.4	59
163	Reactions of Difluorovinylidene A Super-Electrophilic Carbene. <i>Chemistry - A European Journal</i> , <b>1999</b> , 5, 24-28	4.8	59
162	1H-Bicyclo[3.1.0]hexa-3,5-dien-2-one. A strained 1,3-bridged cyclopropene. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 5311-5322	16.4	59
161	Formamide dimers: a computational and matrix isolation study. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 10552-61	2.8	56
160	1,3-Didehydrobenzene (m-Benzyne). <i>Angewandte Chemie International Edition in English</i> , <b>1996</b> , 35, 746-748		53

159	Dimesityldioxirane. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 7265-7270	16.4	52
158	Photoinduced interactions between oxidized and reduced lipoic acid and riboflavin (vitamin B2). <i>ChemPhysChem</i> , <b>2004</b> , 5, 47-56	3.2	50
157	Aggregation of acetic and propionic acid in argon matrices--a matrix isolation and computational study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2005</b> , 62, 902-9	4.4	50
156	Super-electrophilic carbenes and the concept of Philicity. <i>Journal of Physical Organic Chemistry</i> , <b>2000</b> , 13, 561-568	2.1	50
155	Insertion of Difluorovinylidene into Hydrogen and Methane. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 8891-8897	16.4	50
154	Hydrogen bonding switches the spin state of diphenylcarbene from triplet to singlet. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 5122-5	16.4	49
153	Generation and photoreactions of 2,4,6-trinitreno-1,3,5-triazine, a septet trinitrene. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 7846-52	16.4	48
152	Carbonyloxide: Zwitterionen oder Diradikale?. <i>Angewandte Chemie</i> , <b>1990</b> , 102, 362-372	3.6	48
151	Difluorovinylidene, F <sub>2</sub> C=C:. <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 1983-1985		47
150	Matrix isolation, spectroscopic characterization, and photoisomerization of m-xyllylene. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 2993-3000	16.4	47
149	Switching the Spin State of Diphenylcarbene via Halogen Bonding. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 1689-97	16.4	46
148	Solvent-induced conformational changes in cyclic peptides: a vibrational circular dichroism study. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 5627-33	3.6	45
147	Heavy-atom tunneling in the ring opening of a strained cyclopropene at very low temperatures. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 4713-20	4.8	44
146	Generation and reactivity of the phenyl cation in cryogenic argon matrices: monitoring the reactions with nitrogen and carbon monoxide directly by IR spectroscopy. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 6357-67	4.2	44
145	Matrix Isolation and Electronic Structure of Di- and Tridehydrobenzenes. <i>Australian Journal of Chemistry</i> , <b>2010</b> , 63, 1013	1.2	43
144	p-Benzyne. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 955-958	16.4	43
143	Intramolecular disulfide bridges as a phototrigger to monitor the dynamics of small cyclic peptides. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 11297-302	3.4	41
142	Matrix Isolation Infrared and ab Initio Study of Formic Acid/Acetylene Interaction: Example of H $\cdots$ O and C $\cdots$ O Interaction. <i>Journal of Physical Chemistry A</i> , <b>2003</b> , 107, 6850-6858	2.8	40

141	4-Oxo-2,3,5,6-tetrafluorocyclohexa-2,5-dienylidene--a highly electrophilic triplet carbene. <i>Chemistry - A European Journal</i> , <b>2000</b> , 6, 4567-79	4.8	40
140	Generation of Fluorinated m-Benzyne Derivatives in Neon Matrices. <i>European Journal of Organic Chemistry</i> , <b>2002</b> , 2002, 3927-3935	3.2	38
139	Matrix isolation and spectroscopic characterization of perfluorinated ortho- and meta-benzyne. <i>Chemistry - A European Journal</i> , <b>2001</b> , 7, 1837-44	4.8	37
138	Isolation of the Phenyl Cation in a Solid Argon Matrix. <i>Angewandte Chemie - International Edition</i> , <b>2000</b> , 39, 2014-2016	16.4	37
137	Dimesitylketone O-Oxide: First NMR Spectroscopic Characterization of a Carbonyl O-Oxide. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 6508-6509	16.4	37
136	Photolysis of alkylhalodiazirines and direct observation of benzylchlorocarbene in cryogenic matrixes. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 8943-8953	16.4	37
135	Carbonyl O-Oxides and Dioxiranes: The Influence of Substituents on Spectroscopic Properties. <i>Chemische Berichte</i> , <b>1992</b> , 125, 1851-1859		37
134	Matrix isolation and EPR spectroscopy of septet 3,5-difluoropyridyl-2,4,6-trinitrene. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 7045-51	4.2	36
133	Light-controlled switching of the spin state of iron(III). <i>Nature Communications</i> , <b>2018</b> , 9, 4750	17.4	36
132	The photochemistry of lipoic acid: photoionization and observation of a triplet excited state of a disulfide. <i>ChemPhysChem</i> , <b>2005</b> , 6, 2607-18	3.2	35
131	The Cope Rearrangement of 1,5-Dimethylsemibullvalene-2(4)-d : Experimental Evidence for Heavy-Atom Tunneling. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 10746-10749	16.4	33
130	2,3,5,6-Tetrafluorophenylnitren-4-yl: electron paramagnetic resonance spectroscopic characterization of a quartet-ground-state nitreno radical. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 4396-403	16.4	33
129	Interaction and reaction of the phenyl radical with water: a source of OH radicals. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 4804-7	16.4	32
128	1,2,3-Tridehydrobenzene. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 6306-11	16.4	32
127	Matrix isolation and magnetic parameters of septet 3,5-dicyanopyridyl-2,4,6-trinitrene. <i>Journal of Physical Organic Chemistry</i> , <b>2010</b> , 23, 340-346	2.1	31
126	The 1,2,3-tridehydrobenzene triradical: 2B or not 2B? The answer is 2A!. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 5071-80	2.8	31
125	The highly reactive benzhydryl cation isolated and stabilized in water ice. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 15625-30	16.4	29
124	Reaction of Triplet Phenylnitrene with Molecular Oxygen. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 11926-31	3.1	29

123	The fluorenyl cation. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 2656-60	16.4	29
122	$\beta$ -Didehydro-5-methyl-6-hydroxytoluene: Matrix Isolation of a Diradical Related to the Neocarzinostatin Chromophore. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 8480-8485	16.4	29
121	Competitive solvent-molecule interactions govern primary processes of diphenylcarbene in solvent mixtures. <i>Nature Communications</i> , <b>2016</b> , 7, 12968	17.4	28
120	Activation of molecular hydrogen by a singlet carbene through quantum mechanical tunneling. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 4603-7	16.4	28
119	The phenoxy radical-water complex--a matrix isolation and computational study. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 8222-30	16.4	28
118	A perimidine-derived non-Kekulé triplet diradical. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 4956-61	4.2	28
117	Molecular structure and magnetic parameters of septet 2,4,6-trinitrotoluene. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 7238-44	4.2	27
116	Ab initio and matrix isolation study of the acetylene-furan dimer. <i>Chemical Physics</i> , <b>2008</b> , 343, 168-185	2.3	27
115	Benzophenon-O-oxid. <i>Angewandte Chemie</i> , <b>1986</b> , 98, 255-256	3.6	27
114	1:2 Formic Acid/Acetylene Complexes: Ab Initio and Matrix Isolation Studies of Weakly Interacting Systems. <i>Journal of Physical Chemistry A</i> , <b>2004</b> , 108, 11846-11854	2.8	26
113	Interactions between simple radicals and water. <i>Chemical Physics</i> , <b>2008</b> , 353, 193-201	2.3	25
112	Benzophenone O-Oxide. <i>Angewandte Chemie International Edition in English</i> , <b>1986</b> , 25, 255-257		25
111	Photochemistry and reactivity of the phenyl radical-water system: a matrix isolation and computational study. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 8679-89	4.8	24
110	Difluorvinyliden, F <sub>2</sub> C=C:. <i>Angewandte Chemie</i> , <b>1997</b> , 109, 2072-2075	3.6	23
109	Small Cyclic Disulfide Peptides: Synthesis in Preparative Amounts and Characterization by Means of NMR and FT-IR Spectroscopy. <i>European Journal of Organic Chemistry</i> , <b>2004</b> , 2004, 4167-4176	3.2	23
108	Photochemistry of fluorinated 4-iodophenylnitrenes: matrix isolation and spectroscopic characterization of phenylnitrene-4-yls. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 7370-82	4.2	22
107	Light and Temperature Control of the Spin State of Bis(p-methoxyphenyl)carbene: A Magnetically Bistable Carbene. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 1622-9	16.4	21
106	Tunneling rearrangement of 1-azulenylcarbene. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 13204-7	16.4	21

105	Computational study of noncovalent complexes between formamide and formic acid. <i>Journal of Physical Chemistry A</i> , <b>2006</b> , 110, 12613-22	2.8	21
104	Dehydrophenylnitrenes: matrix isolation and photochemical rearrangements. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 715-24	4.2	20
103	Noncovalent complexes between dimethyl ether and formic acid--an ab initio and matrix isolation study. <i>ChemPhysChem</i> , <b>2005</b> , 6, 618-24	3.2	20
102	Dehydrophenylnitrenes: quartet versus doublet states. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 9726-33	16.4	19
101	Interactions of aromatic radicals with water. <i>ChemPhysChem</i> , <b>2013</b> , 14, 805-11	3.2	18
100	Triradicals. <i>Accounts of Chemical Research</i> , <b>2014</b> , 47, 31-44	24.3	18
99	Matrix isolation and IR spectroscopic characterization of 3,5-difluoropyridyl-2,4,6-trinitrene. <i>Journal of Physical Organic Chemistry</i> , <b>2012</b> , 25, 486-492	2.1	18
98	Matrix isolation and spectroscopic characterization of the phenylperoxy radical and its rearranged products. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 1462-7	4.8	18
97	Furan-formic acid dimers: an ab initio and matrix isolation study. <i>Journal of Physical Chemistry A</i> , <b>2006</b> , 110, 13775-85	2.8	18
96	Carbonyl oxides--rising stars in tropospheric chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 362-4	16.4	17
95	Photo-stability of peptide-bond aggregates: N-methylformamide dimers. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 18877-87	3.6	17
94	3,4,5,6-Tetrafluorophenylnitren-2-yl: a ground-state quartet triradical. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 4496-506	4.8	17
93	Isolation and characterization of the triradical 1,3,5-trimethylenebenzene. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 7277-80	16.4	17
92	Trifluoro-1,3,5-tridehydrobenzene. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 4888-93	16.4	17
91	Photochemistry of 9-fluorenone oxime phenylglyoxylate: a combined TRIR, TREPR and ab initio study. <i>Journal of Physical Organic Chemistry</i> , <b>2004</b> , 17, 207-214	2.1	17
90	5-Fluoro- and 5-methyl-1,3-didehydrobenzene--matrix isolation study. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1999</b> , 2285-2290		16
89	2,3,5,6-Tetrafluorophenylnitren-4-yl: a quartet-ground-state nitrene radical. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 2742-5	16.4	15
88	1,3-Didehydrobenzol (meta-Benzin). <i>Angewandte Chemie</i> , <b>1996</b> , 108, 825-827	3.6	15

87	Hydrogen Bonding Switches the Spin State of Diphenylcarbene from Triplet to Singlet. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 5222-5225	3.6	14
86	Conformation and dynamics of a cyclic disulfide-bridged peptide: effects of temperature and solvent. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 3560-70	3.4	14
85	Is Magnetic Bistability of Carbenes a General Phenomenon? Isolation of Simple Aryl(trifluoromethyl)carbenes in Both Their Singlet and Triplet States. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 12310-12316	16.4	14
84	Activation of Molecular Hydrogen by a Singlet Carbene through Quantum Mechanical Tunneling. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 4686-4690	3.6	14
83	Comparative study of the photochemistry of the azidopyridine 1-oxides. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 3441-51	4.2	14
82	Physical chemistry. Clarifying the structure of carbonic acid. <i>Science</i> , <b>2014</b> , 346, 544-5	33.3	13
81	Matrix isolation, zero-field splitting parameters, and photoreactions of septet 2,4,6-trinitrenopyrimidines. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 6047-53	4.2	13
80	Deuterium and hydrogen tunneling in the hydrogenation of 4-oxocyclohexa-2,5-dienylidene. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 7585-8	4.8	13
79	1,2,3-Tridehydrobenzol. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 6464-6469	3.6	13
78	Photochemistry of N-methylformamide: matrix isolation and nonadiabatic dynamics. <i>ChemPhysChem</i> , <b>2013</b> , 14, 827-36	3.2	12
77	Electron Paramagnetic Resonance Spectroscopic Characterization of $\dot{P}$ - and $\dot{Q}$ -Didehydrotoluene. <i>Australian Journal of Chemistry</i> , <b>2010</b> , 63, 1634	1.2	12
76	Matrix Isolation and IR Characterization of the Benzoyl and Benzoylperoxy Radicals. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 2904-2909	3.2	12
75	4-Oxo-2,5-cyclohexadienyliden Ein Carben mit einem stabilen Triplett- und einem metastabilen Singulettzustand?. <i>Angewandte Chemie</i> , <b>1988</b> , 100, 577-579	3.6	12
74	Activation of Molecular Hydrogen by Arylcarbenes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 18801-18808	3.8	12
73	Isolation of an Antiaromatic Singlet Cyclopentadienyl Zwitterion. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 13024-13030	16.4	11
72	Reversible Carbene Formation in the Ionic Liquid 1-Ethyl-3-Methylimidazolium Acetate by Vaporization and Condensation. <i>ChemPhysChem</i> , <b>2015</b> , 16, 3603-6	3.2	11
71	The Fluorenyl Cation. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 2694-2698	3.6	11
70	Pyridyl- and Pyridylperoxy Radicals [A Matrix Isolation Study. <i>Australian Journal of Chemistry</i> , <b>2014</b> , 67, 1324	1.2	11

69	High-spin intermediates of the photolysis of 2,4,6-triazido-3-chloro-5-fluoropyridine. <i>Beilstein Journal of Organic Chemistry</i> , <b>2013</b> , 9, 733-42	2.5	11
68	Mechanisms of the thermal decay of chlorpropham. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 246-247, 154-62.8		10
67	4-Oxo-2,5-Cyclohexadienylidene $\bar{\Delta}$ Carbene with a Stable Triplet and Metastable Singlet State?. <i>Angewandte Chemie International Edition in English</i> , <b>1988</b> , 27, 572-574		10
66	Singlet Halophenylcarbenes as Strong Hydrogen-Bond Acceptors. <i>Journal of Physical Chemistry A</i> , <b>2016</b> , 120, 3524-32	2.8	10
65	Heavy-Atom Tunneling in Semibullvalenes: How Driving Force, Substituents, and Environment Influence the Tunneling Rates. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 10452-10458	4.8	10
64	Activation of the B-F Bond by Diphenylcarbene: A Reversible 1,2-Fluorine Migration between Boron and Carbon. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 1760-1764	16.4	9
63	Strain effects in electron spin resonance spectroscopy of quintet 2,6-bis(4Rnitrenophenyl)-4-phenylpyridine. <i>Journal of Physical Chemistry A</i> , <b>2011</b> , 115, 8419-25	2.8	9
62	Steady-state and time-resolved studies on photoinduced disulfide bond cleavage using aniline as an electron donor. <i>ChemPhysChem</i> , <b>2004</b> , 5, 399-402	3.2	9
61	Conformer-Specific Heavy-Atom Tunneling in the Rearrangement of Benzazirines to Ketenimines. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 16013-16018	4.2	9
60	CN radical hydrogenation from solid H <sub>2</sub> reactions, an alternative way of HCN formation in the interstellar medium. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 598, A22	5.1	8
59	Azulenylcarbenes: Rearrangements on the C <sub>11</sub> H <sub>8</sub> Potential Energy Surface. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 12479-86	4.8	8
58	Reactions of Cyclopentadienylidenes with CFI: Electron Bond Donation versus Halogen Bond Donation of the Iodine Atom. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 7586-7592	4.2	8
57	The Cope Rearrangement of 1,5-Dimethylsemibullvalene-2(4)-d <sub>1</sub> : Experimental Evidence for Heavy-Atom Tunneling. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 10886-10889	3.6	8
56	Solution and solid state conformational preferences of a family of cyclic disulphide bridged tetrapeptides. <i>Biopolymers</i> , <b>2017</b> , 107, 28-34	2.2	8
55	The benzylperoxyl radical as a source of hydroxyl and phenyl radicals. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 12917-23	4.8	8
54	EPR studies on branched high-spin aryl nitrenes. <i>ChemPhysChem</i> , <b>2012</b> , 13, 2721-8	3.2	8
53	Interaction and Reaction of the Phenyl Radical with Water: A Source of OH Radicals. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 4898-4901	3.6	8
52	Matrix Isolation and ab initio study of the noncovalent complexes between formamide and acetylene. <i>Journal of Physical Chemistry A</i> , <b>2009</b> , 113, 1086-95	2.8	8



51	Trifluor-1,3,5-tridehydrobenzol. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 4974-4979	3.6	8
50	2,3,5,6-Tetrafluorphenylnitren-4-yl: ein Nitrenradikal mit Quartett-Grundzustand. <i>Angewandte Chemie</i> , <b>2002</b> , 114, 2873-2876	3.6	8
49	Reaction of 4-oxo-2,3,5,6-tetrafluorocyclohexa-2,5-dienylidene with acetylene: a carbene to carbene reaction. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 7994-9	4.2	8
48	A New Synthetic Approach to Pyridinium N-Phenoxide Betaine Dyes. <i>Chemische Berichte</i> , <b>1994</b> , 127, 267-269		8
47	Stereochemistry rules: a single stereocenter changes the conformation of a cyclic tetrapeptide. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 10785-91	3.4	7
46	EPR spectroscopic and computational characterization of the 2-dehydro-m-xylylene and 4-dehydro-m-xylylene triradicals. <i>Journal of Physical Organic Chemistry</i> , <b>2011</b> , 24, 976-992	2.1	7
45	Acetylene-furan trimer formation at 0.37 K as a model for ultracold aggregation of non- and weakly polar molecules. <i>ChemPhysChem</i> , <b>2011</b> , 12, 2009-17	3.2	7
44	Snm as a Photolabile Protecting Group for the Cysteinyl Radical [Direct Evidence from Time-Resolved IR and UV/Vis Spectroscopies. <i>European Journal of Organic Chemistry</i> , <b>2003</b> , 2003, 1074-1079	3.7	7
43	Imaging the Solvation of a One-Dimensional Solid on the Molecular Scale. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 16334-16338	16.4	7
42	Dinitreno pentaradicals: organic sextet molecules. <i>Journal of Physical Organic Chemistry</i> , <b>2017</b> , 30, e3621	2.1	6
41	Nitreno Radicals <b>2013</b> , 317-346		6
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