

# Peter Schreiner

## List of Publications by Year in descending order

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506  
papers

23,657  
citations

12322

69  
h-index

13758

129  
g-index

577  
all docs

577  
docs citations

577  
times ranked

14567  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying Solvophobic Effects in Organic Solvents Using a Hydrocarbon Molecular Balance. <i>Journal of Organic Chemistry</i> , 2022, 87, 1874-1878.	1.7	10
2	N-Alkoxyimidazolylidines (NOHCs): nucleophilic carbenes based on an oxidized imidazolium core. <i>Chemical Communications</i> , 2022, 58, 1538-1541.	2.2	1
3	Alkylphosphinites as Synthons for Stabilized Carbocations. <i>Organic Letters</i> , 2022, 24, 1460-1464.	2.4	7
4	Computational Chemistry as a Conceptual Game Changer: Understanding the Role of London Dispersion in Hexaphenylethane Derivatives (Gomberg Systems). <i>Israel Journal of Chemistry</i> , 2022, 62, .	1.0	12
5	Gauging the Steric Effects of Silyl Groups with a Molecular Balance. <i>Journal of Organic Chemistry</i> , 2022, 87, 4670-4679.	1.7	14
6	Hydroxy Mercapto Methylene: The Missing H <sub>2</sub> CSO Isomer. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 3138-3142.	2.1	1
7	The Effects of Tetrapeptides Designed to Fit the Androgen Binding Site of ZIP9 on Myogenic and Osteogenic Cells. <i>Biology</i> , 2022, 11, 19.	1.3	3
8	Synthesis, electronic nature, and reactivity of selected silylene carbonyl complexes. <i>Dalton Transactions</i> , 2022, 51, 8249-8257.	1.6	9
9	Synthetic Doping of Diamondoids through Skeletal Editing. <i>Organic Letters</i> , 2022, 24, 4845-4849.	2.4	7
10	London Dispersion Favors Sterically Hindered Diarylthiourea Conformers in Solution. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	16
11	The Role of Packing, Dispersion, Electrostatics, and Solvation in High-Affinity Complexes of Cucurbit[ <i>n</i> ]urils with Uncharged Polar Guests. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	15
12	Machine Learning of Coupled Cluster (T)-Energy Corrections via Delta ( $\hat{T}$ )-Learning. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 4846-4855.	2.3	11
13	London Dispersion Interactions Rather than Steric Hindrance Determine the Enantioselectivity of the Corey-Bakshi-Shibata Reduction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4823-4832.	7.2	57
14	Breaking the Symmetry of a <i>Meso</i> Compound by Isotopic Substitution: Synthesis and Stereochemical Assignment of Monodeuterated <i>cis</i> -Perhydroazulene. <i>Organic Letters</i> , 2021, 23, 113-117.	2.4	4
15	London Dispersion Interactions Rather than Steric Hindrance Determine the Enantioselectivity of the Corey-Bakshi-Shibata Reduction. <i>Angewandte Chemie</i> , 2021, 133, 4873-4882.	1.6	10
16	Intramolecular London Dispersion Interactions Do Not Cancel in Solution. <i>Journal of the American Chemical Society</i> , 2021, 143, 41-45.	6.6	53
17	Spectroscopic characterization and photochemistry of the vinylsulfinyl radical. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 16307-16315.	1.3	4
18	New $\pi$ -stacking motifs for molecular semiconducting materials: bis(bis(8-quinolinyl)amide)metal( <i>sc</i> ) complexes of Cr, Mn, Fe, and Zn. <i>Materials Advances</i> , 2021, 2, 2347-2357.	2.6	1

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19	Understanding dispersion interactions in molecular chemistry. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 8960-8961.	1.3	1
20	Site-Selective Acylation of Pyranosides with Oligopeptide Catalysts. <i>Journal of Organic Chemistry</i> , 2021, 86, 3907-3922.	1.7	8
21	The German Chemical Society's perspective on international collaboration with China. <i>National Science Review</i> , 2021, 8, nwab017.	4.6	0
22	Do Docking Sites Persist Upon Fluorination? The Diadamantyl Ether Aromatics Challenge for Rotational Spectroscopy and Theory. <i>Chemistry - A European Journal</i> , 2021, 27, 6198-6203.	1.7	10
23	Characterization of the Simplest Thiolimine: The Higher Energy Tautomer of Thioformamide. <i>Chemistry - A European Journal</i> , 2021, 27, 6732-6739.	1.7	10
24	Ethynylhydroxycarbene ( $\text{H}_2\text{C}=\text{C}=\text{C}(\text{OH})$ ). <i>Journal of the American Chemical Society</i> , 2021, 143, 3741-3746.	4.6	5
25	Diamantanethiols on Metal Surfaces: Spatial Configurations, Bond Dissociations, and Polymerization. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3468-3475.	2.1	7
26	Dispersion-Bound Isolated Dimers in the Gas Phase: Observation of the Shortest Intermolecular CH...C Distance via Stimulated Raman Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11305-11309.	7.2	13
27	London Dispersion Helps Refine Steric A-Values: The Halogens. <i>Journal of Organic Chemistry</i> , 2021, 86, 7701-7713.	1.7	14
28	Dispersionsgebundene, isolierte Dimere in der Gasphase: Beobachtung des kürzesten intermolekularen C-H...C Abstands mittels stimulierter Raman-Spektroskopie. <i>Angewandte Chemie</i> , 2021, 133, 11409-11410.	16	0
29	Switching on H-Tunneling through Conformational Control. <i>Journal of the American Chemical Society</i> , 2021, 143, 8266-8271.	6.6	14
30	1,1,2-Ethenetriol: The Enol of Glycolic Acid, a High-Energy Prebiotic Molecule. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15313-15316.	7.2	9
31	Introducing Advisory Editors and New Author Profiles at <i>Angewandte Chemie</i> . <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16720-16722.	7.2	4
32	Introducing Advisory Editors and New Author Profiles at <i>Angewandte Chemie</i> . <i>Angewandte Chemie</i> , 2021, 133, 16856-16858.	1.6	2
33	1,1,2-Ethenetriol: The Enol of Glycolic Acid, a High-Energy Prebiotic Molecule. <i>Angewandte Chemie</i> , 2021, 133, 15441-15444.	1.6	0
34	Hexaphenylditetrels – When Longer Bonds Provide Higher Stability. <i>Chemistry - A European Journal</i> , 2021, 27, 13699-13702.	1.7	9
35	Aminohydroxymethylene ( $\text{H}_2\text{N}=\text{C}(\text{OH})$ ), the Simplest Aminooxycarbene. <i>Journal of Physical Chemistry A</i> , 2021, 125, 7023-7028.	1.1	7
36	Amorphous Molecular Materials for Directed Supercontinuum Generation. <i>ChemPhotoChem</i> , 2021, 5, 1033-1041.	1.5	11

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37	Identification of a prismatic P <sub>3</sub> N <sub>3</sub> molecule formed from electron irradiated phosphine-nitrogen ices. <i>Nature Communications</i> , 2021, 12, 5467.	5.8	9
38	X-ray spectroscopic identification of strain and structure-based resonances in a series of saturated carbon-cage molecules: Adamantane, twistane, octahedrane, and cubane. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2021, 39, .	0.9	3
39	Mitgliedschaft neu erleben. <i>Nachrichten Aus Der Chemie</i> , 2021, 69, 98-99.	0.0	0
40	Formation of phosphine imide (HNi <sup>+</sup> PH <sup>-</sup> <sub>3</sub> ) and its phosphinous amide (H <sub>2</sub> N <sup>+</sup> PH <sup>-</sup> <sub>2</sub> ) isomer. <i>Chemical Communications</i> , 2021, 57, 4958-4961.	2.2	6
41	Amine-Functionalized Nanoporous Silica Monoliths for Heterogeneous Catalysis of the Knoevenagel Condensation in Flow. <i>ACS Omega</i> , 2021, 6, 425-437.	1.6	12
42	FORMATION OF PYRUVIC ACID AND 1,2-ETHENEDIOL IN INTERSTELLAR ANALOG ICES. , 2021, , .		0
43	Anleitung zur Digitalisierung. <i>Nachrichten Aus Der Chemie</i> , 2021, 69, 3-3.	0.0	0
44	London Dispersion Helps Refine Steric A-Values: Dispersion Energy Donor Scales. <i>Journal of the American Chemical Society</i> , 2021, 143, 20837-20848.	6.6	35
45	Amorphous Molecular Materials for Directed Supercontinuum Generation. <i>ChemPhotoChem</i> , 2021, 5, 1029.	1.5	2
46	Regioselective Synthesis of <i>meta</i> -tetraaryl-substituted Adamantane Derivatives and Evaluation of Their White Light Emission. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 6806-6810.	1.2	1
47	Vibrational signatures of diamondoid dimers with large intramolecular London dispersion interactions. <i>Carbon</i> , 2020, 157, 201-207.	5.4	4
48	1,1-Ethenediol – Das lange Zeit schwer fassbare Enol der Essigsäure. <i>Angewandte Chemie</i> , 2020, 132, 5625-5628.	1.6	6
49	In Situ Switching of Site-Selectivity with Light in the Acetylation of Sugars with Azopeptide Catalysts. <i>Journal of Organic Chemistry</i> , 2020, 85, 1835-1846.	1.7	16
50	1,1-Ethenediol: The Long Elusive Enol of Acetic Acid. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5577-5580.	7.2	20
51	Catalytic enantiocontrol over a non-classical carbocation. <i>Nature Chemistry</i> , 2020, 12, 1174-1179.	6.6	42
52	Preparation and characterization of the enol of acetamide: 1-aminoethenol, a high-energy prebiotic molecule. <i>Chemical Science</i> , 2020, 11, 12358-12363.	3.7	13
53	Quantum Mechanical Tunneling Is Essential to Understanding Chemical Reactivity. <i>Trends in Chemistry</i> , 2020, 2, 980-989.	4.4	57
54	The elusive cyclotriphosphazene molecule and its Dewar benzene-type valence isomer (P <sub>3</sub> ) Tj ETQq0,0 0 rgBT/Overlock	4.7	22

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55	Chemical Probes for Blocking of Influenza A M2 Wild-type and S31N Channels. ACS Chemical Biology, 2020, 15, 2331-2337.	1.6	18
56	Interstellar Formation of Biorelevant Pyruvic Acid (CH <sub>3</sub> COCOOH). Chem, 2020, 6, 3385-3395.	5.8	27
57	Synthesis and antiproliferative activity of hindered, chiral 1,2-diaminodiamantane platinum( <sup>II</sup> ) complexes. Dalton Transactions, 2020, 49, 14009-14016.	1.6	10
58	Spectroscopic identification of the <sup>13</sup> CSSNO isomers. Journal of Chemical Physics, 2020, 153, 094303.	1.2	3
59	Identification and Reactivity of <i>cis</i> - <i>cis</i> -Dihydroxycarbene, a New [CH <sub>2</sub> O <sub>2</sub> ] Intermediate. Journal of the American Chemical Society, 2020, 142, 19457-19461.	6.6	5
60	London Dispersion and Hydrogen-Bonding Interactions in Bulky Molecules: The Case of Diadamantyl Ether Complexes. Chemistry - A European Journal, 2020, 26, 10817-10825.	1.7	17
61	Direct Exploitation of the Ethynyl Moiety in Calcium Carbide Through Sealed Ball Milling. European Journal of Organic Chemistry, 2020, 2020, 4339-4346.	1.2	13
62	Determination of the Absolute Configurations of Chiral Alkanes – An Analysis of the Available Tools. European Journal of Organic Chemistry, 2020, 2020, 6328-6339.	1.2	15
63	Photochemistry of HNSO <sub>2</sub> in cryogenic matrices; spectroscopic identification of the intermediates and mechanism. Physical Chemistry Chemical Physics, 2020, 22, 7975-7983.	1.3	6
64	From Scientists to Scientists – Moving <i>Angewandte</i> into the Future. Angewandte Chemie, 2020, 132, 12648-12649.	1.6	4
65	From Scientists to Scientists – Moving <i>Angewandte</i> into the Future. Angewandte Chemie - International Edition, 2020, 59, 12548-12549.	7.2	15
66	50 Jahre Mitgliedschaft in der CG/GDCh – Wir gratulieren!. Nachrichten Aus Der Chemie, 2020, 68, 98-100.	0.0	0
67	Sprechen wir miteinander. Nachrichten Aus Der Chemie, 2020, 68, 3-3.	0.0	0
68	Capture and Reactivity of an Elusive Carbon – Sulfur Centered Biradical. Journal of Physical Chemistry A, 2020, 124, 2014-2018.	1.1	3
69	Synthesis and Conformational Analysis of Parent Perhydroazulenes Reveal an Energetically Preferred <i>cis</i> Ring Fusion. Journal of Organic Chemistry, 2020, 85, 4441-4447.	1.7	9
70	Incorporating Diamondoids as Electrolyte Additive in the Sodium Metal Anode to Mitigate Dendrite Growth. ChemSusChem, 2020, 13, 2661-2670.	3.6	30
71	TEMPO-functionalized mesoporous silica particles as heterogeneous oxidation catalysts in flow. Journal of Materials Chemistry A, 2020, 8, 4107-4117.	5.2	27
72	Absolute Configuration of <i>trans</i> -Perhydroazulene. Organic Letters, 2020, 22, 3895-3899.	2.4	7

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73	Isolation and Characterization of the Free Phenylphosphinidene Chalcogenides C <sub>6</sub> H <sub>5</sub> P=O and C <sub>6</sub> H <sub>5</sub> P=S, the Phosphorous Analogues of Nitrosobenzene and Thionitrosobenzene. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12445-12449.	7.2	16
74	A silicon-carbonyl complex stable at room temperature. <i>Nature Chemistry</i> , 2020, 12, 608-614.	6.6	85
75	Isolation and Characterization of the Free Phenylphosphinidene Chalcogenides C <sub>6</sub> H <sub>5</sub> P=O and C <sub>6</sub> H <sub>5</sub> P=S, the Phosphorous Analogues of Nitrosobenzene and Thionitrosobenzene. <i>Angewandte Chemie</i> , 2020, 132, 12545-12549.	1.6	3
76	Noncovalent interactions in crowded olefinic radical cations. <i>Journal of Organic and Pharmaceutical Chemistry</i> , 2020, 18, 05-13.	0.0	2
77	Functionalizations of Diamantane Dimers. <i>Journal of Organic and Pharmaceutical Chemistry</i> , 2020, 18, 16-22.	0.0	1
78	Die GDCh trotz der Krise. <i>Nachrichten Aus Der Chemie</i> , 2020, 68, 97-97.	0.0	0
79	CONFORMER-SPECIFIC [1,2]H-TUNNELING IN CAPTODATIVELY-STABILIZED CYANOHYDROXYCARBENE (NC-C(OH))., 2020, , .		0
80	FORMATION OF THE BIORELEVANT MOLECULE PYRUVIC ACID IN INTERSTELLAR ANALOG ICES. , 2020, , .		0
81	Einladung zur GDCh-Mitgliederversammlung. <i>Nachrichten Aus Der Chemie</i> , 2020, 68, 98-98.	0.0	0
82	Wofür wir stehen: die Werte der GDCh. <i>Nachrichten Aus Der Chemie</i> , 2020, 68, 100-101.	0.0	1
83	Preparation and Characterization of Phenyl Phosphine Diselenide – The Monomeric Form of Woollins' Reagent. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 387-390.	1.2	8
84	Competitive Nitrogen versus Carbon Tunneling. <i>Journal of the American Chemical Society</i> , 2019, 141, 14340-14348.	6.6	43
85	Molecular propellants for ion thrusters. <i>Plasma Sources Science and Technology</i> , 2019, 28, 084001.	1.3	34
86	Walter Thiel 1949-2019: An editorial essay. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2019, 9, e1447.	6.2	0
87	Organic Reaction Mechanisms. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 232-232.	1.2	5
88	Structures and Dynamics in Thiolated Diamantane Derivative Monolayers. <i>Journal of Physical Chemistry C</i> , 2019, 123, 27477-27482.	1.5	5
89	Syn-Dihydroxylation of Alkenes Using a Sterically Demanding Cyclic Diacyl Peroxide. <i>Journal of Organic Chemistry</i> , 2019, 84, 12377-12386.	1.7	17
90	Conformer-specific [1,2]H-tunnelling in captodatively-stabilized cyanohydroxycarbene (NC-C(OH)). <i>Chemical Science</i> , 2019, 10, 802-808.	3.7	16

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91	Diamondoid Amino Acid-Based Peptide Kinase...A Inhibitor Analogues. <i>ChemMedChem</i> , 2019, 14, 663-672.	1.6	7
92	Generation and Spectroscopic Identification of the Thiuram Radical (CH <sub>3</sub> ) <sub>2</sub> NCS <sub>2</sub> . <i>Journal of Physical Chemistry A</i> , 2019, 123, 4937-4941.	1.1	3
93	Diamondoid Nanostructures as sp <sup>3</sup> Carbon-Based Gas Sensors. <i>Angewandte Chemie</i> , 2019, 131, 10038-10043.	1.6	1
94	Diamondoid Nanostructures as sp <sup>3</sup> Carbon-Based Gas Sensors. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9933-9938.	7.2	20
95	Synthesis of Exclusively 4-Substituted $\hat{I}^2$ -Lactams through the Kinugasa Reaction Utilizing Calcium Carbide. <i>Organic Letters</i> , 2019, 21, 3746-3749.	2.4	55
96	Formation of Glyoxylic Acid in Interstellar Ices: A Key Entry Point for Prebiotic Chemistry. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5663-5667.	7.2	29
97	Role of London Dispersion Interactions in Ga-Substituted Dipnictenes. <i>Organometallics</i> , 2019, 38, 1640-1647.	1.1	32
98	Formation of Glyoxylic Acid in Interstellar Ices: A Key Entry Point for Prebiotic Chemistry. <i>Angewandte Chemie</i> , 2019, 131, 5719-5723.	1.6	2
99	Synthesis and selected transformations of 2-unsubstituted 1-(adamantylloxy)imidazole 3-oxides: straightforward access to non-symmetric 1,3-dialkoxyimidazolium salts. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 497-505.	1.3	10
100	Highly efficient chirality inducers in nematic liquid crystals: synthesis of 7,7 <sup>TM</sup> -disubstituted 2,2 <sup>TM</sup> -methylenedioxy-1,1 <sup>TM</sup> -binaphthyls. <i>Liquid Crystals</i> , 2019, 46, 1763-1768.	0.9	6
101	Syntheses, Structures, and Bonding Analyses of Carbene-Stabilized Stibinidenes. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1669-1678.	1.0	36
102	Site-selective nitrenoid insertions utilizing postfunctionalized bifunctional rhodium( <i>sc</i> ) catalysts. <i>Chemical Science</i> , 2019, 10, 3324-3329.	3.7	26
103	Caged Nitric Oxide-Thiyl Radical Pairs. <i>Journal of the American Chemical Society</i> , 2019, 141, 3361-3365.	6.6	16
104	Spectroscopic identification of the phenyltelluryl radical and its reactivity toward molecular oxygen. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 25797-25801.	1.3	4
105	Synthesis of theoretically interesting molecules. <i>Strategies and Tactics in Organic Synthesis</i> , 2019, , 225-259.	0.1	0
106	2-Unsubstituted Imidazole N-Oxides as Novel Precursors of Chiral 3-Alkoxyimidazol-2-ylidenes Derived from trans-1,2-Diaminocyclohexane and Other Chiral Amino Compounds. <i>Molecules</i> , 2019, 24, 4398.	1.7	9
107	Diamantane Suspended Single Copper Atoms. <i>Journal of the American Chemical Society</i> , 2019, 141, 315-322.	6.6	14
108	Azido-Adamantyl Tin Sulfide Clusters for Bioconjugation. <i>Organometallics</i> , 2019, 38, 329-335.	1.1	14

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109	Control of Excited-State Conformations in B,N-Acenes. <i>Angewandte Chemie</i> , 2019, 131, 4303-4307.	1.6	5
110	Control of Excited-State Conformations in B,N-Acenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4259-4263.	7.2	7
111	TUNNEX: An easy-to-use wenzel-kramers-brillouin (WKB) implementation to compute tunneling half-lives. <i>Journal of Computational Chemistry</i> , 2019, 40, 543-547.	1.5	5
112	Selective Phthalimido-N-oxyl (PINO)-Catalyzed C-H Cyanation of Adamantane Derivatives. <i>Synlett</i> , 2019, 30, 493-498.	1.0	8
113	DISPERSION AND HYDROGEN BOND INTERACTIONS IN LARGE COMPLEXES: THE DIADAMANTHYL ETHER CASE. , 2019, , .		1
114	Sterically controlled mechanochemistry under hydrostatic pressure. <i>Nature</i> , 2018, 554, 505-510.	13.7	71
115	Spectroscopic Evidence for Aminomethylene (H <sup>+</sup> C <sup>-</sup> NH <sub>2</sub> ) <sup>+</sup> The Simplest Amino Carbene. <i>Angewandte Chemie</i> , 2018, 130, 5346-5350.	1.6	8
116	The near-UV absorber OSSO and its isomers. <i>Chemical Communications</i> , 2018, 54, 4517-4520.	2.2	18
117	Gedanken zur Chemie und wissenschaftlichen Wahrheit in postfaktischen Zeiten. <i>Angewandte Chemie</i> , 2018, 130, 8468-8469.	1.6	2
118	Thoughts on Chemistry and Scientific Truth in Post-Factual Times. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8336-8337.	7.2	4
119	White-Light Generation through Nonlinear Optical Response of 1,3,5,7-Tetraphenyladamantane: Amorphous versus Crystalline States. <i>Advanced Optical Materials</i> , 2018, 6, 1701162.	3.6	17
120	Palladium-Catalyzed C <sup>2</sup> -H Arylation of Unprotected (N <sup>+</sup> H)-Indoles on Water Using Primary Diamantyl Phosphine Oxides as a Class of Primary Phosphine Oxide Ligands. <i>ChemCatChem</i> , 2018, 10, 2915-2922.	1.8	22
121	Atmospherically Relevant Radicals Derived from the Oxidation of Dimethyl Sulfide. <i>Accounts of Chemical Research</i> , 2018, 51, 475-483.	7.6	40
122	One-dimensional hydrogen bonding networks of bis-hydroxylated adamantane formed inside double-walled carbon nanotubes. <i>Chemical Communications</i> , 2018, 54, 3823-3826.	2.2	9
123	Unravelling Lawesson's reagent: the structure of monomeric (4-methoxyphenyl)phosphine disulfide. <i>Chemical Communications</i> , 2018, 54, 2715-2718.	2.2	12
124	Spectroscopic Evidence for Aminomethylene (H <sup>+</sup> C <sup>-</sup> NH <sub>2</sub> ) <sup>+</sup> The Simplest Amino Carbene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5248-5252.	7.2	34
125	Nanodiamond-Palladium Core-Shell Organohybrid Synthesis: A Mild Vapor-Phase Procedure Enabling Nanolayering Metal onto Functionalized sp <sup>3</sup> -Carbon. <i>Advanced Functional Materials</i> , 2018, 28, 1705786.	7.8	22
126	Monochromatic Photocathodes from Graphene-Stabilized Diamondoids. <i>Nano Letters</i> , 2018, 18, 1099-1103.	4.5	8



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127	Heavy Atom Secondary Kinetic Isotope Effect on H-Tunneling. <i>Journal of Physical Chemistry A</i> , 2018, 122, 1488-1495.	1.1	17
128	Frontispiece: Spectroscopic Evidence for Aminomethylene ( $\text{H}\ddot{\text{C}}\text{NH}_2$ )—The Simplest Amino Carbene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, .	7.2	0
129	Intricate Conformational Tunneling in Carbonic Acid Monomethyl Ester. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1663-1667.	2.1	11
130	The Trifluoromethyl Sulfinyl and Oxathiyl Radicals. <i>Chemistry - A European Journal</i> , 2018, 24, 1505-1508.	1.7	15
131	Capture of $\text{SO}_3$ isomers in the oxidation of sulfur monoxide with molecular oxygen. <i>Chemical Communications</i> , 2018, 54, 1690-1693.	2.2	19
132	Computerchemie: das Schicksal aktueller Methoden und zukünftige Herausforderungen. <i>Angewandte Chemie</i> , 2018, 130, 4241-4248.	1.6	16
133	Computational Chemistry: The Fate of Current Methods and Future Challenges. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4170-4176.	7.2	138
134	Dispersion interactions. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 3076-3077.	1.3	6
135	Frontispiz: Spectroscopic Evidence for Aminomethylene ( $\text{H}\ddot{\text{C}}\text{NH}_2$ )—The Simplest Amino Carbene. <i>Angewandte Chemie</i> , 2018, 130, .	1.6	0
136	Probing the Delicate Balance between Pauli Repulsion and London Dispersion with Triphenylmethyl Derivatives. <i>Journal of the American Chemical Society</i> , 2018, 140, 14421-14432.	6.6	70
137	1,3-Dioxolane-4-ol Hemiacetal Stores Formaldehyde and Glycolaldehyde in the Gas-Phase. <i>Journal of the American Chemical Society</i> , 2018, 140, 12333-12336.	6.6	9
138	Gas-phase sugar formation using hydroxymethylene as the reactive formaldehyde isomer. <i>Nature Chemistry</i> , 2018, 10, 1141-1147.	6.6	43
139	Making Glycine Methyl Ester Chiral. <i>Chemistry - A European Journal</i> , 2018, 24, 11904-11907.	1.7	0
140	Assigning the absolute configuration of single aliphatic molecules by visual inspection. <i>Nature Communications</i> , 2018, 9, 2420.	5.8	36
141	Tuning the Reactivity of Peroxo Anhydrides for Aromatic C—H Bond Oxidation. <i>Journal of Organic Chemistry</i> , 2018, 83, 10070-10079.	1.7	15
142	Experimental measurement of the diamond nucleation landscape reveals classical and nonclassical features. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8284-8289.	3.3	37
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