

Dieter Cremer

List of Publications by Year in descending order

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38742

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136
all docs

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docs citations

136
times ranked

5216
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Bonds without Bonding Electron Density ? Does the Difference Electron-Density Analysis Suffice for a Description of the Chemical Bond?. <i>Angewandte Chemie International Edition in English</i> , 1984, 23, 627-628.	4.4	1,276
2	Nuclear magnetic resonance spin-spin coupling constants from coupled perturbed density functional theory. <i>Journal of Chemical Physics</i> , 2000, 113, 3530-3547.	3.0	311
3	Density functional theory: coverage of dynamic and non-dynamic electron correlation effects. <i>Molecular Physics</i> , 2001, 99, 1899-1940.	1.7	281
4	Theoretical determination of molecular structure and conformation. 15. Three-membered rings: bent bonds, ring strain, and surface delocalization. <i>Journal of the American Chemical Society</i> , 1985, 107, 3800-3810.	13.7	239
5	Electron correlation and the self-interaction error of density functional theory. <i>Molecular Physics</i> , 2002, 100, 1771-1790.	1.7	202
6	A new way of analyzing vibrational spectra. I. Derivation of adiabatic internal modes. <i>International Journal of Quantum Chemistry</i> , 1998, 67, 1-9.	2.0	198
7	Møller-Plesset perturbation theory: from small molecule methods to methods for thousands of atoms. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2011, 1, 509-530.	14.6	171
8	Problematic p-benzyne: Orbital instabilities, biradical character, and broken symmetry. <i>Journal of Chemical Physics</i> , 2001, 114, 10638-10650.	3.0	161
9	Theoretical determination of molecular structure and conformation. 20. Reevaluation of the strain energies of cyclopropane and cyclobutane carbon-carbon and carbon-hydrogen bond energies, 1,3 interactions, and σ -aromaticity. <i>Journal of the American Chemical Society</i> , 1986, 108, 7467-7477.	13.7	155
10	Identification of the Strongest Bonds in Chemistry. <i>Journal of Physical Chemistry A</i> , 2013, 117, 8981-8995.	2.5	140
11	From Molecular Vibrations to Bonding, Chemical Reactions, and Reaction Mechanism. <i>Current Organic Chemistry</i> , 2010, 14, 1524-1560.	1.6	139
12	Can density functional theory describe multi-reference systems? Investigation of carbenes and organic biradicals. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 2091-2103.	2.8	135
13	Strength of the Pnictogen Bond in Complexes Involving Group Va Elements N, P, and As. <i>Journal of Physical Chemistry A</i> , 2015, 119, 1642-1656.	2.5	132
14	A new way of analyzing vibrational spectra. III. Characterization of normal vibrational modes in terms of internal vibrational modes. <i>International Journal of Quantum Chemistry</i> , 1998, 67, 29-40.	2.0	128
15	The intrinsic strength of the halogen bond: electrostatic and covalent contributions described by coupled cluster theory. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 33031-33046.	2.8	128
16	σ -H \cdots A Interaction: A New Type of Nonclassical Hydrogen Bonding. <i>Journal of the American Chemical Society</i> , 2016, 138, 4334-4337.	13.7	126
17	Some Thoughts about Bond Energies, Bond Lengths, and Force Constants. <i>Journal of Molecular Modeling</i> , 2000, 6, 396-412.	1.8	124
18	A comprehensive analysis of hydrogen bond interactions based on local vibrational modes. <i>International Journal of Quantum Chemistry</i> , 2012, 112, 3174-3187.	2.0	121

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19	C ₂ in a Box: Determining Its Intrinsic Bond Strength for the X ¹ g ⁺ Ground State. <i>Chemistry - A European Journal</i> , 2016, 22, 4087-4099.	3.3	120
20	Some thoughts about the stability and reliability of commonly used exchange+correlation functionals ? coverage of dynamic and nondynamic correlation effects. <i>Theoretical Chemistry Accounts</i> , 2002, 107, 291-303.	1.4	116
21	Theoretical determination of molecular structure and conformation. 16. Substituted cyclopropanes - an electron density model of substituent-ring interactions. <i>Journal of the American Chemical Society</i> , 1985, 107, 3811-3819.	13.7	114
22	Relating normal vibrational modes to local vibrational modes with the help of an adiabatic connection scheme. <i>Journal of Chemical Physics</i> , 2012, 137, 084114.	3.0	113
23	Effect of the self-interaction error for three-electron bonds: On the development of new exchange-correlation functionals. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 1096-1112.	2.8	107
24	Characterization of CF Bonds with Multiple σ -Bond Character: Bond Lengths, Stretching Force Constants, and Bond Dissociation Energies. <i>ChemPhysChem</i> , 2009, 10, 686-698.	2.1	103
25	A new way of analyzing vibrational spectra. II. Comparison of internal mode frequencies. <i>International Journal of Quantum Chemistry</i> , 1998, 67, 11-27.	2.0	100
26	Sixth-Order Møller-Plesset Perturbation Theory On the Convergence of the MPn Series. <i>The Journal of Physical Chemistry</i> , 1996, 100, 6173-6188.	2.9	95
27	The Many Facets of Chalcogen Bonding: Described by Vibrational Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2017, 121, 6845-6862.	2.5	95
28	Quantitative Assessment of Halogen Bonding Utilizing Vibrational Spectroscopy. <i>Inorganic Chemistry</i> , 2017, 56, 488-502.	4.0	91
29	A new way of analyzing vibrational spectra. IV. Application and testing of adiabatic modes within the concept of the characterization of normal modes. <i>International Journal of Quantum Chemistry</i> , 1998, 67, 41-55.	2.0	90
30	On the diagnostic value of $\langle \hat{\rho}^2 \rangle$ in Kohn-Sham density functional theory. <i>Molecular Physics</i> , 2001, 99, 981-989.	1.7	89
31	Re-evaluation of the bond length-bond strength rule: The stronger bond is not always the shorter bond. <i>Journal of Computational Chemistry</i> , 2016, 37, 130-142.	3.3	88
32	Direct Measure of Metal-Ligand Bonding Replacing the Tolman Electronic Parameter. <i>Inorganic Chemistry</i> , 2016, 55, 2332-2344.	4.0	85
33	Different Ways of Hydrogen Bonding in Water - Why Does Warm Water Freeze Faster than Cold Water?. <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 55-76.	5.3	85
34	Long-range and short-range Coulomb correlation effects as simulated by Hartree-Fock, local density approximation, and generalized gradient approximation exchange functionals. <i>Theoretical Chemistry Accounts</i> , 2003, 109, 22-35.	1.4	81
35	Pros and cons of π -aromaticity. <i>Tetrahedron</i> , 1988, 44, 7427-7454.	1.9	77
36	Transition from metal-ligand bonding to halogen bonding involving a metal as halogen acceptor a study of Cu, Ag, Au, Pt, and Hg complexes. <i>Chemical Physics Letters</i> , 2017, 681, 56-63.	2.6	74

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37	Unified Reaction Valley Approach Mechanism of the Reaction $\text{CH}_3 + \text{H}_2 \rightarrow \text{CH}_4 + \text{H}$. Journal of Physical Chemistry A, 1997, 101, 1742-1757.	2.5	73
38	New developments in the analysis of vibrational spectra On the use of adiabatic internal vibrational modes. Theoretical and Computational Chemistry, 1998, , 259-327.	0.4	71
39	Generalization of the Tolman electronic parameter: the metal–ligand electronic parameter and the intrinsic strength of the metal–ligand bond. Dalton Transactions, 2017, 46, 8323-8338.	3.3	68
40	Description of Aromaticity with the Help of Vibrational Spectroscopy: Anthracene and Phenanthrene. Journal of Physical Chemistry A, 2014, 118, 223-237.	2.5	67
41	Quantitative Assessment of the Multiplicity of Carbon–Halogen Bonds: Carbenium and Halonium Ions with F, Cl, Br, and I. Journal of Physical Chemistry A, 2014, 118, 1948-1963.	2.5	66
42	Sum-over-states density functional perturbation theory: Prediction of reliable ^{13}C , ^{15}N , and ^{17}O nuclear magnetic resonance chemical shifts. Journal of Chemical Physics, 1996, 105, 8995-9006.	3.0	64
43	The para-didehydropyridine, para-didehydropyridinium, and related biradicals? a contribution to the chemistry of enediyne antitumor drugs. Journal of Computational Chemistry, 2001, 22, 216-229.	3.3	64
44	New Approach to Tolman's Electronic Parameter Based on Local Vibrational Modes. Inorganic Chemistry, 2014, 53, 478-495.	4.0	61
45	Quantitative Assessment of Aromaticity and Antiaromaticity Utilizing Vibrational Spectroscopy. Journal of Organic Chemistry, 2016, 81, 9669-9686.	3.2	56
46	What correlation effects are covered by density functional theory?. Molecular Physics, 2000, 98, 1639-1658.	1.7	55
47	Hidden Bond Anomalies: The Peculiar Case of the Fluorinated Amine Chalcogenides. Journal of Physical Chemistry A, 2015, 119, 9541-9556.	2.5	54
48	Efficient density-functional theory integrations by locally augmented radial grids. Journal of Chemical Physics, 2007, 127, 164113.	3.0	53
49	Structure and stability of fluorine-substituted benzene-argon complexes: The decisive role of exchange-repulsion and dispersion interactions. Journal of Chemical Physics, 2001, 115, 6018-6029.	3.0	52
50	Analysis of the Transmission Mechanism of NMR Spin–Spin Coupling Constants Using Fermi Contact Spin Density Distribution, Partial Spin Polarization, and Orbital Currents: XH_n Molecules. Journal of Physical Chemistry A, 2003, 107, 7043-7056.	2.5	51
51	Spin-orbit coupling calculations with the two-component normalized elimination of the small component method. Journal of Chemical Physics, 2013, 139, 014106.	3.0	51
52	p-Benzyne. Angewandte Chemie - International Edition, 1998, 37, 955-958.	13.8	50
53	Super-pnicogen bonding in the radical anion of the fluorophosphine dimer. Chemical Physics Letters, 2016, 662, 182-187.	2.6	49
54	Analysis of coupled cluster methods. II. What is the best way to account for triple excitations in coupled cluster theory?. Theoretica Chimica Acta, 1993, 85, 305-323.	0.8	48

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55	On the physical meaning of the ZORA Hamiltonian. <i>Molecular Physics</i> , 2003, 101, 2295-2302.	1.7	48
56	Dirac's exact relativistic methods: the normalized elimination of the small component method. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2014, 4, 436-467.	14.6	45
57	From strong to weak NF bonds: on the design of a new class of fluorinating agents. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 23913-23927.	2.8	45
58	Development, Implementation, and Application of an Analytic Second Derivative Formalism for the Normalized Elimination of the Small Component Method. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 2617-2629.	5.3	44
59	Representation of the exact relativistic electronic Hamiltonian within the regular approximation. <i>Journal of Chemical Physics</i> , 2003, 119, 11526-11540.	3.0	43
60	Properties of local vibrational modes: the infrared intensity. <i>Theoretical Chemistry Accounts</i> , 2014, 133, 1.	1.4	43
61	Description of an unusual hydrogen bond between carborane and a phenyl group. <i>Journal of Organometallic Chemistry</i> , 2018, 865, 114-127.	1.8	42
62	An improved algorithm for the normalized elimination of the small-component method. <i>Theoretical Chemistry Accounts</i> , 2011, 130, 633-644.	1.4	41
63	Are carbon-halogen double and triple bonds possible?. <i>International Journal of Quantum Chemistry</i> , 2014, 114, 1060-1072.	2.0	41
64	11,11-Dimethyl-1,6-methano[10]annulene—An Annulene with an Ultralong CC Bond or a Fluxional Molecule?. <i>Journal of Physical Chemistry A</i> , 2015, 119, 1666-1682.	2.5	41
65	A New Method for Describing the Mechanism of a Chemical Reaction Based on the Unified Reaction Valley Approach. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 650-663.	5.3	41
66	Analytic Calculation of Contact Densities and MÃssbauer Isomer Shifts Using the Normalized Elimination of the Small-Component Formalism. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 875-882.	5.3	40
67	Rational Design in Catalysis: A Mechanistic Study of H^2 -Hydride Eliminations in Gold(I) and Gold(III) Complexes Based on Features of the Reaction Valley. <i>Inorganic Chemistry</i> , 2016, 55, 8636-8645.	4.0	40
68	Accurate determination of the binding energy of the formic acid dimer: The importance of geometry relaxation. <i>Journal of Chemical Physics</i> , 2014, 140, 084315.	3.0	39
69	Analytical energy gradient for the two-component normalized elimination of the small component method. <i>Journal of Chemical Physics</i> , 2015, 142, 214106.	3.0	39
70	Structure, stabilization energies and chemical shifts of the cyclobutenyl cation. Does it have aromatic? homocyclopropenium ion character? An ab initio study. <i>Journal of Physical Organic Chemistry</i> , 1993, 6, 445-464.	1.9	37
71	Extraordinary Mechanism of the Diels-Alder Reaction: Investigation of Stereochemistry, Charge Transfer, Charge Polarization, and Biradicaloid Formation. <i>Journal of Physical Chemistry A</i> , 2016, 120, 1097-1111.	2.5	37
72	Analytic energy derivatives for regular approximations of relativistic effects applicable to methods with and without correlation corrections. <i>Journal of Chemical Physics</i> , 2003, 118, 6741-6750.	3.0	36

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73	New Way of Describing Static and Dynamic Deformations of the Jahn-Teller Type in Ring Molecules. <i>Journal of Physical Chemistry A</i> , 2011, 115, 8731-8742.	2.5	36
74	Analysis of coupled cluster and quadratic configuration interaction theory in terms of sixth-order perturbation theory. <i>International Journal of Quantum Chemistry</i> , 1991, 40, 43-70.	2.0	35
75	Photochemistry of p-Benzoquinone Diazide Carboxylic Acids: Formation of 2,4-Didehydrophenols. <i>Journal of the American Chemical Society</i> , 1997, 119, 10660-10672.	13.7	34
76	Quantum Chemical Descriptions of FOOF: The Unsolved Problem of Predicting Its Equilibrium Geometry. <i>Journal of Physical Chemistry A</i> , 2001, 105, 3269-3276.	2.5	33
77	Structure of the chlorobenzene-argon dimer: Microwave spectrum and ab initio analysis. <i>Journal of Chemical Physics</i> , 2000, 113, 9051-9059.	3.0	32
78	Can One Assess the Character of a C-C Bond with the Help of the NMR Spin-Spin Coupling Constants?. <i>ChemPhysChem</i> , 2004, 5, 349-366.	2.1	32
79	Eneynes, enynes, allenes, their reactions, and beyond. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2014, 4, 285-324.	14.6	32
80	In Situ Measure of Intrinsic Bond Strength in Crystalline Structures: Local Vibrational Mode Theory for Periodic Systems. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 1761-1776.	5.3	32
81	Kleine Ringe, 78. <i>tert</i> -butyl(trimethylsilyl)cyclobutadien und <i>tert</i> -butyl(trimethylsilyl)tetrahedran. <i>Chemische Berichte</i> , 1994, 127, 173-189.	0.2	31
82	Analysis of multipath transmission of spin-spin coupling constants in cyclic compounds with the help of partially spin-polarized orbital contributions. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 4541-4550.	2.8	31
83	Calculation of electric properties using regular approximations to relativistic effects: The polarizabilities of RuO ₄ , OsO ₄ , and HsO ₄ (Z=108). <i>Journal of Chemical Physics</i> , 2003, 119, 1412-1420.	3.0	31
84	Energetics and Mechanism of the Hydrogenation of XH _n for Group IV to Group VII Elements X. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 4931-4943.	5.3	30
85	Convergence behavior of the Müller-Plesset perturbation series: Use of Feenberg scaling for the exclusion of backdoor intruder states. <i>International Journal of Quantum Chemistry</i> , 2000, 76, 306-330.	2.0	29
86	Solving the Pericyclic-Pseudopericyclic Puzzle in the Ring-Closure Reactions of 1,2,4,6-Heptatetraene Derivatives. <i>Journal of Organic Chemistry</i> , 2016, 81, 404-414.	3.2	29
87	Sixth-order many-body perturbation theory. IV. Improvement of the Müller-Plesset correlation energy series by using Padé, Feenberg, and other approximations up to sixth order. <i>International Journal of Quantum Chemistry</i> , 1996, 59, 71-95.	2.0	28
88	Mechanism and dynamics of organic reactions: 1,2-H shift in methylchlorocarbene. <i>Journal of Physical Organic Chemistry</i> , 2002, 15, 431-447.	1.9	28
89	Calculations of electric dipole moments and static dipole polarizabilities based on the two-component normalized elimination of the small component method. <i>Journal of Chemical Physics</i> , 2016, 145, 184104.	3.0	27
90	Calculations of atomic magnetic nuclear shielding constants based on the two-component normalized elimination of the small component method. <i>Journal of Chemical Physics</i> , 2017, 146, 134109.	3.0	27

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91	The Peculiar Role of the Au ₃ Unit in Au ₅ Zn ⁺ Ion. <i>Inorganic Chemistry</i> , 2017, 56, 5793-5803.	4.0	27
92	Diabatic ordering of vibrational normal modes in reaction valley studies. <i>Journal of Computational Chemistry</i> , 1997, 18, 1282-1294.	3.3	26
93	Photochemistry of Butatriene – Spectroscopic Evidence for the Existence of Allenylcarbene. <i>Journal of Physical Chemistry A</i> , 2000, 104, 3819-3825.	2.5	26
94	Dieter Cremer's contribution to the field of theoretical chemistry. <i>International Journal of Quantum Chemistry</i> , 2019, 119, e25849.	2.0	26
95	Bonding in radon hexafluoride: An unusual relativistic problem?. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 1103-1105.	2.8	25
96	Bondpseudorotation, Jahn-Teller, and pseudo-Jahn-Teller effects in the cyclopentadienyl cation and its pentahalogeno derivatives. <i>International Journal of Quantum Chemistry</i> , 2012, 112, 3277-3288.	2.0	25
97	Chiral Discrimination by Vibrational Spectroscopy Utilizing Local Modes. <i>Chirality</i> , 2013, 25, 185-196.	2.6	25
98	The mechanism of the cycloaddition reaction of 1,3-dipole molecules with acetylene: an investigation with the unified reaction valley approach. <i>Theoretical Chemistry Accounts</i> , 2014, 133, 1.	1.4	23
99	Calculation of response properties with the normalized elimination of the small component method. <i>International Journal of Quantum Chemistry</i> , 2014, 114, 993-1005.	2.0	23
100	Recovering Intrinsic Fragmental Vibrations Using the Generalized Subsystem Vibrational Analysis. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 2558-2569.	5.3	23
101	2,4-Didehydrophenol? First Proof of ameta-Aryne by IR Spectroscopy. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1230-1233.	4.4	22
102	A stunning example for a spontaneous reaction with a complex mechanism: the vinylidene-acetylene cycloaddition reaction. <i>Molecular Physics</i> , 2010, 108, 2667-2685.	1.7	22
103	New mechanistic insights into the Claisen rearrangement of chorismate – a Unified Reaction Valley Approach study. <i>Molecular Physics</i> , 2019, 117, 1172-1192.	1.7	22
104	Sixth-order many-body perturbation theory. II. Implementation and application. <i>International Journal of Quantum Chemistry</i> , 1996, 59, 31-55.	2.0	21
105	Relativistically corrected nuclear magnetic resonance chemical shifts calculated with the normalized elimination of the small component using an effective potential-NMR chemical shifts of molybdenum and tungsten. <i>Journal of Chemical Physics</i> , 2003, 119, 701-712.	3.0	21
106	Bonding in the ClOO(2A ⁺) and BrOO(2A ⁺) radical: Nonrelativistic single-reference versus relativistic multi-reference descriptions in density functional theory. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 2320-2326.	2.8	20
107	Vibrational Properties of the Isotopomers of the Water Dimer Derived from Experiment and Computations. <i>Australian Journal of Chemistry</i> , 2014, 67, 426.	0.9	20
108	General and Theoretical Aspects of the Cyclopropyl Group. , 0, , 43-137.		19

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109	Sixth-order many-body perturbation theory. III. Correlation energies of size-extensive MP6 methods. <i>International Journal of Quantum Chemistry</i> , 1996, 59, 57-69.	2.0	19
110	Comparison of CCSDT- n methods with coupled-cluster theory with single and double excitations and coupled-cluster theory with single, double, and triple excitations in terms of many-body perturbation theory - what is the most effective triple-excitation method?. <i>Theoretical Chemistry Accounts</i> , 2001, 105, 182-196.	1.4	19
111	From configuration interaction to coupled cluster theory: The quadratic configuration interaction approach. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2013, 3, 482-503.	14.6	19
112	Gold(I)-assisted catalysis â€“ a comprehensive view on the [3,3]-sigmatropic rearrangement of allyl acetate. <i>Molecular Physics</i> , 2018, 116, 611-630.	1.7	18
113	Application of quadratic CI with singles, doubles, and triples (QCISDT): An attractive alternative to CCSDT. <i>International Journal of Quantum Chemistry</i> , 1996, 57, 157-172.	2.0	16
114	Analysis of fourth-order MÅller-Plesset limit energies: the importance of three-electron correlation effects. <i>Theoretical Chemistry Accounts</i> , 2000, 105, 110-122.	1.4	16
115	Spin-projected coupled-cluster theory with single and double excitations. <i>Theoretical Chemistry Accounts</i> , 2000, 105, 132-144.	1.4	16
116	A variationally stable quasi-relativistic method: low-order approximation to the normalized elimination of the small component using an effective potential. <i>Theoretical Chemistry Accounts</i> , 2002, 108, 168-178.	1.4	16
117	The microwave spectrum, ab initio analysis, and structure of the fluorobenzeneâ€“hydrogen chloride complex. <i>Journal of Chemical Physics</i> , 2003, 118, 9278-9290.	3.0	16
118	Characterizing Chemical Similarity with Vibrational Spectroscopy: New Insights into the Substituent Effects in Monosubstituted Benzenes. <i>Journal of Physical Chemistry A</i> , 2017, 121, 8086-8096.	2.5	15
119	Cyclopropyl Homoconjugationâ€“Experimental Facts and Interpretations. , 0, , 411-468.		12
120	Correlating the vibrational spectra of structurally related molecules: A spectroscopic measure of similarity. <i>Journal of Computational Chemistry</i> , 2018, 39, 293-306.	3.3	11
121	Correlation of the Vibrational Spectra of Isotopomers:â€“ Theory and Application. <i>Journal of Physical Chemistry A</i> , 2003, 107, 10272-10279.	2.5	10
122	Calculation of contact densities and MÅssbauer isomer shifts utilising the Dirac-exact two-component normalised elimination of the small component (2c-NESC) method. <i>Molecular Physics</i> , 2019, 117, 1164-1171.	1.7	10
123	Cyclopropyl Homoconjugation, Homoaromaticity and Homoantiaromaticityâ€“Theoretical Aspects and Analysis. , 0, , 339-410.		9
124	Odd-even effect of the number of free valence electrons on the electronic structure properties of gold-thiolate clusters. <i>Molecular Physics</i> , 2019, 117, 1442-1450.	1.7	5
125	On the role of single excitations in quasi-degenerate perturbation theory. <i>Theoretical Chemistry Accounts</i> , 1997, 96, 71-74.	1.4	3
126	A new way of analyzing vibrational spectra. I. Derivation of adiabatic internal modes. <i>International Journal of Quantum Chemistry</i> , 1998, 67, 1-9.	2.0	3

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127	Preface: 25th Austin Symposium on Molecular Structure and Dynamics. Journal of Physical Chemistry A, 2015, 119, 1443-1445.	2.5	1
128	A new way of analyzing vibrational spectra. III. Characterization of normal vibrational modes in terms of internal vibrational modes. International Journal of Quantum Chemistry, 1998, 67, 29-40.	2.0	1
129	p-Benzyne. Angewandte Chemie - International Edition, 1998, 37, 955-958.	13.8	1
130	Atmospheric Formation of OH Radicals and H2O2 from Alkene Ozonolysis under Humid Conditions. , 0, .		1