

Dieter Cremer

List of Publications by Year in descending order

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130
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9,011
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38742

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#	ARTICLE	IF	CITATIONS
1	Calculation of contact densities and Mössbauer 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
2	Dieter Cremer's contribution to the field of theoretical chemistry. <i>International Journal of Quantum Chemistry</i> , 2019, 119, e25849.	2.0	26
3	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
4	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
5	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
6	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
7	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
8	Gold(I)-assisted catalysis – a comprehensive view on the [3,3]-sigmatropic rearrangement of allyl acetate. <i>Molecular Physics</i> , 2018, 116, 611-630.	1.7	18
9	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
10	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
11	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
12	The Peculiar Role of the Au ₃ Unit in Au _m Clusters: If-Aromaticity of the Au ₅ Zn ⁺ Ion. <i>Inorganic Chemistry</i> , 2017, 56, 5793-5803.	4.0	27
13	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
14	Generalization of the Tolman electronic parameter: the metal–ligand electronic parameter and the intrinsic strength of the metal–ligand bond. <i>Dalton Transactions</i> , 2017, 46, 8323-8338.	3.3	68
15	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
16	Quantitative Assessment of Halogen Bonding Utilizing Vibrational Spectroscopy. <i>Inorganic Chemistry</i> , 2017, 56, 488-502.	4.0	91
17	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
18	The Many Facets of Chalcogen Bonding: Described by Vibrational Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2017, 121, 6845-6862.	2.5	95

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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	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
21	Super-pnicogen bonding in the radical anion of the fluorophosphine dimer. <i>Chemical Physics Letters</i> , 2016, 662, 182-187.	2.6	49
22	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
23	Quantitative Assessment of Aromaticity and Antiaromaticity Utilizing Vibrational Spectroscopy. <i>Journal of Organic Chemistry</i> , 2016, 81, 9669-9686.	3.2	56
24	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
25	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
26	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
27	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
28	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
29	Direct Measure of Metal-Ligand Bonding Replacing the Tolman Electronic Parameter. <i>Inorganic Chemistry</i> , 2016, 55, 2332-2344.	4.0	85
30	B-H...I Interaction: A New Type of Nonclassical Hydrogen Bonding. <i>Journal of the American Chemical Society</i> , 2016, 138, 4334-4337.	13.7	126
31	Preface: 25th Austin Symposium on Molecular Structure and Dynamics. <i>Journal of Physical Chemistry A</i> , 2015, 119, 1443-1445.	2.5	1
32	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
33	Hidden Bond Anomalies: The Peculiar Case of the Fluorinated Amine Chalcogenides. <i>Journal of Physical Chemistry A</i> , 2015, 119, 9541-9556.	2.5	54
34	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
35	Strength of the Pnicogen 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
36	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

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37	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
38	Properties of local vibrational modes: the infrared intensity. <i>Theoretical Chemistry Accounts</i> , 2014, 133, 1.	1.4	43
39	New Approach to Tolman's Electronic Parameter Based on Local Vibrational Modes. <i>Inorganic Chemistry</i> , 2014, 53, 478-495.	4.0	61
40	Description of Aromaticity with the Help of Vibrational Spectroscopy: Anthracene and Phenanthrene. <i>Journal of Physical Chemistry A</i> , 2014, 118, 223-237.	2.5	67
41	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
42	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
43	Quantitative Assessment of the Multiplicity of Carbon-Halogen Bonds: Carbenium and Halonium Ions with F, Cl, Br, and I. <i>Journal of Physical Chemistry A</i> , 2014, 118, 1948-1963.	2.5	66
44	Ene-dienes, ene-allenes, their reactions, and beyond. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2014, 4, 285-324.	14.6	32
45	Are carbon-halogen double and triple bonds possible?. <i>International Journal of Quantum Chemistry</i> , 2014, 114, 1060-1072.	2.0	41
46	Dirac-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
47	Identification of the Strongest Bonds in Chemistry. <i>Journal of Physical Chemistry A</i> , 2013, 117, 8981-8995.	2.5	140
48	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
49	Spin-orbit coupling calculations with the two-component normalized elimination of the small component method. <i>Journal of Chemical Physics</i> , 2013, 139, 014106.	3.0	51
50	Chiral Discrimination by Vibrational Spectroscopy Utilizing Local Modes. <i>Chirality</i> , 2013, 25, 185-196.	2.6	25
51	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
52	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
53	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
54	Analytic Calculation of Contact Densities and Mössbauer 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

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55	Bondpseudorotation, Jahnâ€Teller, and pseudoâ€Jahnâ€Teller effects in the cyclopentadienyl cation and its pentahalogeno derivatives. <i>International Journal of Quantum Chemistry</i> , 2012, 112, 3277-3288.	2.0	25
56	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
57	New Way of Describing Static and Dynamic Deformations of the Jahnâ€Teller Type in Ring Molecules. <i>Journal of Physical Chemistry A</i> , 2011, 115, 8731-8742.	2.5	36
58	MÃllerâ€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
59	An improved algorithm for the normalized elimination of the small-component method. <i>Theoretical Chemistry Accounts</i> , 2011, 130, 633-644.	1.4	41
60	From Molecular Vibrations to Bonding, Chemical Reactions, and Reaction Mechanism. <i>Current Organic Chemistry</i> , 2010, 14, 1524-1560.	1.6	139
61	A stunning example for a spontaneous reaction with a complex mechanism: the vinylideneâ€acetylene cycloaddition reaction. <i>Molecular Physics</i> , 2010, 108, 2667-2685.	1.7	22
62	Characterization of CF Bonds with Multipleâ€Bond Character: Bond Lengths, Stretching Force Constants, and Bond Dissociation Energies. <i>ChemPhysChem</i> , 2009, 10, 686-698.	2.1	103
63	Efficient density-functional theory integrations by locally augmented radial grids. <i>Journal of Chemical Physics</i> , 2007, 127, 164113.	3.0	53
64	Can One Assess theâ€ Character of a Câ€C Bond with the Help of the NMR Spinâ€Spin Coupling Constants?. <i>ChemPhysChem</i> , 2004, 5, 349-366.	2.1	32
65	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
66	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
67	Representation of the exact relativistic electronic Hamiltonian within the regular approximation. <i>Journal of Chemical Physics</i> , 2003, 119, 11526-11540.	3.0	43
68	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
69	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
70	Analysis of the Transmission Mechanism of NMR Spinâ€Spin Coupling Constants Using Fermi Contact Spin Density Distribution, Partial Spin Polarization, and Orbital Currents:â€ XHn Molecules. <i>Journal of Physical Chemistry A</i> , 2003, 107, 7043-7056.	2.5	51
71	Analysis of multipath transmission of spinâ€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
72	Bonding in radon hexafluoride: An unusual relativistic problem?. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 1103-1105.	2.8	25

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73	On the physical meaning of the ZORA Hamiltonian. <i>Molecular Physics</i> , 2003, 101, 2295-2302.	1.7	48
74	Bonding in the CIOO(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
75	The microwave spectrum, ab initio analysis, and structure of the fluorobenzene-hydrogen chloride complex. <i>Journal of Chemical Physics</i> , 2003, 118, 9278-9290.	3.0	16
76	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
77	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
78	Electron correlation and the self-interaction error of density functional theory. <i>Molecular Physics</i> , 2002, 100, 1771-1790.	1.7	202
79	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
80	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
81	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
82	On the diagnostic value of $\langle \hat{\Delta}^2 \rangle$ in Kohn-Sham density functional theory. <i>Molecular Physics</i> , 2001, 99, 981-989.	1.7	89
83	Density functional theory: coverage of dynamic and non-dynamic electron correlation effects. <i>Molecular Physics</i> , 2001, 99, 1899-1940.	1.7	281
84	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
85	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
86	The para-didehydropyridine, para-didehydropyridinium, and related biradicals: a contribution to the chemistry of enediyne antitumor drugs. <i>Journal of Computational Chemistry</i> , 2001, 22, 216-229.	3.3	64
87	Problematic p-benzyne: Orbital instabilities, biradical character, and broken symmetry. <i>Journal of Chemical Physics</i> , 2001, 114, 10638-10650.	3.0	161
88	Structure and stability of fluorine-substituted benzene-argon complexes: The decisive role of exchange-repulsion and dispersion interactions. <i>Journal of Chemical Physics</i> , 2001, 115, 6018-6029.	3.0	52
89	Convergence behavior of the Møller-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
90	Analysis of fourth-order Møller-Plesset limit energies: the importance of three-electron correlation effects. <i>Theoretical Chemistry Accounts</i> , 2000, 105, 110-122.	1.4	16

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91	Spin-projected coupled-cluster theory with single and double excitations. Theoretical Chemistry Accounts, 2000, 105, 132-144.	1.4	16
92	Some Thoughts about Bond Energies, Bond Lengths, and Force Constants. Journal of Molecular Modeling, 2000, 6, 396-412.	1.8	124
93	Can density functional theory describe multi-reference systems? Investigation of carbenes and organic biradicals. Physical Chemistry Chemical Physics, 2000, 2, 2091-2103.	2.8	135
94	Photochemistry of Butatriene - Spectroscopic Evidence for the Existence of Allenylcarbene. Journal of Physical Chemistry A, 2000, 104, 3819-3825.	2.5	26
95	Structure of the chlorobenzene-argon dimer: Microwave spectrum and ab initio analysis. Journal of Chemical Physics, 2000, 113, 9051-9059.	3.0	32
96	What correlation effects are covered by density functional theory?. Molecular Physics, 2000, 98, 1639-1658.	1.7	55
97	Nuclear magnetic resonance spin-spin coupling constants from coupled perturbed density functional theory. Journal of Chemical Physics, 2000, 113, 3530-3547.	3.0	311
98	p-Benzyne. Angewandte Chemie - International Edition, 1998, 37, 955-958.	13.8	50
99	A new way of analyzing vibrational spectra. I. Derivation of adiabatic internal modes. International Journal of Quantum Chemistry, 1998, 67, 1-9.	2.0	198
100	A new way of analyzing vibrational spectra. II. Comparison of internal mode frequencies. International Journal of Quantum Chemistry, 1998, 67, 11-27.	2.0	100
101	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	128
102	A new way of analyzing vibrational spectra. IV. Application and testing of adiabatic modes within the concept of the characterization of normal modes. International Journal of Quantum Chemistry, 1998, 67, 41-55.	2.0	90
103	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
104	A new way of analyzing vibrational spectra. I. Derivation of adiabatic internal modes. International Journal of Quantum Chemistry, 1998, 67, 1-9.	2.0	3
105	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
106	p-Benzyne. Angewandte Chemie - International Edition, 1998, 37, 955-958.	13.8	1
107	Photochemistry of p-Benzoquinone Diazide Carboxylic Acids: Formation of 2,4-Didehydrophenols. Journal of the American Chemical Society, 1997, 119, 10660-10672.	13.7	34
108	Unified Reaction Valley Approach Mechanism of the Reaction CH ₃ + H ₂ → CH ₄ + H. Journal of Physical Chemistry A, 1997, 101, 1742-1757.	2.5	73

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109	On the role of single excitations in quasi-degenerate perturbation theory. <i>Theoretical Chemistry Accounts</i> , 1997, 96, 71-74.	1.4	3
110	Diabatic ordering of vibrational normal modes in reaction valley studies. <i>Journal of Computational Chemistry</i> , 1997, 18, 1282-1294.	3.3	26
111	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
112	Sixth-order many-body perturbation theory. II. Implementation and application. <i>International Journal of Quantum Chemistry</i> , 1996, 59, 31-55.	2.0	21
113	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
114	Sixth-order many-body perturbation theory. IV. Improvement of the Møller-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
115	Sixth-Order Møller-Plesset Perturbation Theory On the Convergence of the MP _n Series. <i>The Journal of Physical Chemistry</i> , 1996, 100, 6173-6188.	2.9	95
116	Sum-over-states density functional perturbation theory: Prediction of reliable ¹³ C, ¹⁵ N, and ¹⁷ O nuclear magnetic resonance chemical shifts. <i>Journal of Chemical Physics</i> , 1996, 105, 8995-9006.	3.0	64
117	Kleine Ringe, 78. Triätertbutyl(trimethylsilyl)cyclobutadien und Triätertbutyl(trimethylsilyl)tetrahedran. <i>Chemische Berichte</i> , 1994, 127, 173-189.	0.2	31
118	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
119	Analysis of coupled cluster methods. II. What is the best way to account for triple excitations in coupled cluster theory?. <i>Theoretica Chimica Acta</i> , 1993, 85, 305-323.	0.8	48
120	2,4-Didehydrophenol? First Proof of a meta-Aryne by IR Spectroscopy. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1230-1233.	4.4	22
121	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
122	Pros and cons of π -aromaticity. <i>Tetrahedron</i> , 1988, 44, 7427-7454.	1.9	77
123	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
124	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
125	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
126	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

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127	General and Theoretical Aspects of the Cyclopropyl Group. , 0, , 43-137.		19
128	Cyclopropyl Homoconjugation, Homoaromaticity and Homoantiaromaticityâ€™Theoretical Aspects and Analysis. , 0, , 339-410.		9
129	Cyclopropyl Homoconjugationâ€™Experimental Facts and Interpretations. , 0, , 411-468.		12
130	Atmospheric Formation of OH Radicals and H2O2 from Alkene Ozonolysis under Humid Conditions. , 0, .		1