

Wesley D Allen

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4448829/wesley-d-allen-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

139
papers

10,424
citations

54
h-index

100
g-index

143
ext. papers

11,008
ext. citations

5.9
avg, IF

5.94
L-index

#	Paper	IF	Citations
139	Psi4: an open-source ab initio electronic structure program. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2012 , 2, 556-565	7.9	678
138	In pursuit of the ab initio limit for conformational energy prototypes. <i>Journal of Chemical Physics</i> , 1998 , 108, 9751-9764	3.9	606
137	A systematic study of molecular vibrational anharmonicity and vibration-rotation interaction by self-consistent-field higher-derivative methods. Asymmetric top molecules. <i>Chemical Physics</i> , 1988 , 123, 187-239	2.3	443
136	The C ₂ H ₅ + O ₂ Reaction Mechanism: High-Level ab Initio Characterizations. <i>Journal of Physical Chemistry A</i> , 2000 , 104, 9823-9840	2.8	436
135	A hierarchy of homodesmotic reactions for thermochemistry. <i>Journal of the American Chemical Society</i> , 2009 , 131, 2547-60	16.4	418
134	The heat of formation of NCO. <i>Journal of Chemical Physics</i> , 1993 , 99, 4638-4650	3.9	335
133	Toward subchemical accuracy in computational thermochemistry: focal point analysis of the heat of formation of NCO and [H,N,C,O] isomers. <i>Journal of Chemical Physics</i> , 2004 , 120, 11586-99	3.9	285
132	A systematic study of molecular vibrational anharmonicity and vibration-rotation interaction by self-consistent-field higher-derivative methods. Linear polyatomic molecules. <i>Chemical Physics</i> , 1990 , 145, 427-466	2.3	250
131	PSI3: an open-source Ab Initio electronic structure package. <i>Journal of Computational Chemistry</i> , 2007 , 28, 1610-1616	3.5	249
130	Coupling term derivation and general implementation of state-specific multireference coupled cluster theories. <i>Journal of Chemical Physics</i> , 2007 , 127, 024102	3.9	242
129	Capture of hydroxymethylene and its fast disappearance through tunnelling. <i>Nature</i> , 2008 , 453, 906-9	50.4	233
128	Methylhydroxycarbene: tunneling control of a chemical reaction. <i>Science</i> , 2011 , 332, 1300-3	33.3	226
127	Popular theoretical methods predict benzene and arenes to be nonplanar. <i>Journal of the American Chemical Society</i> , 2006 , 128, 9342-3	16.4	205
126	High-order excitations in state-universal and state-specific multireference coupled cluster theories: model systems. <i>Journal of Chemical Physics</i> , 2006 , 125, 154113	3.9	199
125	Definitive ab initio studies of model S _N 2 reactions CH(3)X+F ⁻ (X=F, Cl, CN, OH, SH, NH(2), PH(2)). <i>Chemistry - A European Journal</i> , 2003 , 9, 2173-92	4.8	185
124	On the ab initio determination of higher-order force constants at nonstationary reference geometries. <i>Journal of Chemical Physics</i> , 1993 , 98, 2983-3015	3.9	151
123	The torsional conformations of butane: Definitive energetics from ab initio methods. <i>Journal of Chemical Physics</i> , 1997 , 106, 5143-5150	3.9	145

122	Geometrical structures, force constants, and vibrational spectra of SiH, SiH ₂ , SiH ₃ , and SiH ₄ . <i>Chemical Physics</i> , 1986 , 108, 243-274	2.3	142
121	Mechanism of the C ₂ H ₅ +O ₂ reaction. <i>Journal of Chemical Physics</i> , 1997 , 107, 141-155	3.9	137
120	Hartree-Fock orbital instability envelopes in highly correlated single-reference wave functions. <i>Journal of Chemical Physics</i> , 1997 , 107, 10626-10632	3.9	128
119	Triple excitations in state-specific multireference coupled cluster theory: application of Mk-MRCCSDT and Mk-MRCCSDT-n methods to model systems. <i>Journal of Chemical Physics</i> , 2008 , 128, 124104	3.9	119
118	Is Møller-Plesset perturbation theory a convergent ab initio method?. <i>Journal of Chemical Physics</i> , 2000 , 112, 9213-9222	3.9	117
117	Characterization of the X ¹ A ₁ state of isocyanic acid. <i>Journal of Chemical Physics</i> , 1993 , 98, 1299-1328	3.9	116
116	Conformers of Gaseous Cysteine. <i>Journal of Chemical Theory and Computation</i> , 2009 , 5, 1511-23	6.4	111
115	The lithium superoxide radical: Symmetry breaking phenomena and potential energy surfaces. <i>Chemical Physics</i> , 1989 , 133, 11-45	2.3	111
114	Assessment of Density Functional Theory for Model S _N 2 Reactions: CH ₃ X + F ⁻ (X = F, Cl, CN, OH, SH, NH ₂ , PH ₂). <i>Journal of Physical Chemistry A</i> , 2001 , 105, 11327-11346	2.8	107
113	The puckering inversion barrier and vibrational spectrum of cyclopentene. A scaled quantum mechanical force field algorithm. <i>Journal of the American Chemical Society</i> , 1992 , 114, 6834-6849	16.4	103
112	The analytic evaluation of energy first derivatives for two-configuration self-consistent-field configuration interaction (TCSCF-CI) wave functions. Application to ozone and ethylene. <i>Journal of Chemical Physics</i> , 1987 , 87, 7062-7075	3.9	102
111	The anharmonic force field and equilibrium molecular structure of ketene. <i>Journal of Chemical Physics</i> , 1995 , 102, 8506-8532	3.9	96
110	Exact ligand cone angles. <i>Journal of Computational Chemistry</i> , 2013 , 34, 1189-97	3.5	89
109	Ab Initio Anharmonic Vibrational Analyses of Non-Rigid Molecules 1993 , 343-373		80
108	Model identity S _N 2 reactions CH ₃ X + X ⁻ (X = F, Cl, CN, OH, SH, NH ₂ , PH ₂): Marcus theory analyzed. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 10613-28	2.8	72
107	A high level ab initio map and direct statistical treatment of the fragmentation of singlet ketene. <i>Journal of Chemical Physics</i> , 1996 , 105, 118-140	3.9	72
106	Molecular structure of proline. <i>Chemistry - A European Journal</i> , 2004 , 10, 4512-7	4.8	71
105	The S _N 2 identity exchange reaction ClCH ₂ CN + Cl ⁻ → Cl ⁻ + ClCH ₂ CN: experiment and theory. <i>Journal of the American Chemical Society</i> , 1992 , 114, 9136-9153	16.4	71

104	Unimolecular thermal fragmentation of ortho-benzyne. <i>Journal of Chemical Physics</i> , 2007 , 126, 044312	3.9	70
103	Ionization thresholds of small carbon clusters: tunable VUV experiments and theory. <i>Journal of the American Chemical Society</i> , 2007 , 129, 10229-43	16.4	69
102	Analytic gradients for the state-specific multireference coupled cluster singles and doubles model. <i>Journal of Chemical Physics</i> , 2009 , 131, 064109	3.9	68
101	Molecular structures of the two most stable conformers of free glycine. <i>Journal of Computational Chemistry</i> , 2007 , 28, 1373-83	3.5	68
100	On the accuracy limits of orbital expansion methods: Explicit effects of k-functions on atomic and molecular energies. <i>Journal of Chemical Physics</i> , 2003 , 118, 8594-8610	3.9	68
99	The effect of 1s correlation on De, re, and $\bar{\nu}$ of first-row diatomics. <i>Journal of Chemical Physics</i> , 1996 , 104, 2746-2748	3.9	67
98	The barrier to linearity of water. <i>Journal of Chemical Physics</i> , 1999 , 110, 11971-11981	3.9	65
97	Reactions between resonance-stabilized radicals: propargyl + allyl. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 4881-90	2.8	64
96	Thermochemistry of disputed soot formation intermediates C4H3 and C4H5. <i>Journal of Chemical Physics</i> , 2004 , 121, 8800-13	3.9	64
95	Lowest-Lying Conformers of Alanine: Pushing Theory to Ascertain Precise Energetics and Semiexperimental Re Structures. <i>Journal of Chemical Theory and Computation</i> , 2010 , 6, 3066-78	6.4	63
94	Origin of the SN2 benzylic effect. <i>Journal of the American Chemical Society</i> , 2008 , 130, 9887-96	16.4	63
93	Downfield proton chemical shifts are not reliable aromaticity indicators. <i>Organic Letters</i> , 2005 , 7, 1457-60	6.2	62
92	Complete basis set limit studies of conventional and R12 correlation methods: The silicon dicarbide (SiC2) barrier to linearity. <i>Journal of Chemical Physics</i> , 2003 , 118, 7353	3.9	62
91	Reaction paths for the dissociation of $3\text{Al}(\text{CH}_2\text{CO})_3 \rightarrow 3\text{B}1 \text{ CH}_2 + \text{X} \rightarrow 1\text{B}1 \text{ CO}$. <i>Journal of Chemical Physics</i> , 1988 , 89, 329-344	3.9	61
90	A companion perturbation theory for state-specific multireference coupled cluster methods. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 4728-41	3.6	60
89	The highly anharmonic BH5 potential energy surface characterized in the ab initio limit. <i>Journal of Chemical Physics</i> , 2005 , 122, 104302	3.9	58
88	General derivative relations for anharmonic force fields. <i>Molecular Physics</i> , 1996 , 89, 1213-1221	1.7	58
87	The anharmonic force fields of HOF and F2O. <i>Journal of Chemical Physics</i> , 1988 , 89, 4965-4975	3.9	57

86	Assigning quantum labels to variationally computed rotational-vibrational eigenstates of polyatomic molecules. <i>Journal of Chemical Physics</i> , 2010 , 133, 034113	3.9	54
85	Thermochemistry of key soot formation intermediates: C ₃ H ₃ isomers. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 3819-30	2.8	54
84	Anharmonic force field, vibrational energies, and barrier to inversion of SiH ₃ . <i>Journal of Chemical Physics</i> , 2000 , 112, 4053-4063	3.9	52
83	Toward resolution of the silicon dicarbide (SiC ₂) saga: Ab initio excursions in the web of polytopism. <i>Journal of Chemical Physics</i> , 1997 , 107, 1195-1211	3.9	51
82	Ab initio studies of the low-lying electronic states of ketene. <i>Journal of Chemical Physics</i> , 1986 , 84, 2212-2225	3.9	51
81	The SN ₂ Identity Exchange Reaction F ⁻ + CH ₃ F. Fwdarw. FCH ₃ + F ⁻ : Definitive ab Initio Predictions. <i>The Journal of Physical Chemistry</i> , 1994 , 98, 13532-13540		50
80	The ab initio limit quartic force field of BH ₃ . <i>Journal of Computational Chemistry</i> , 2005 , 26, 1106-12	3.5	49
79	Is the oxywater radical cation more stable than neutral oxywater?. <i>Journal of Chemical Physics</i> , 1996 , 104, 7615-7623	3.9	49
78	[5]Paracyclophane. An important example of ring strain and aromaticity in hydrocarbon compounds. <i>Journal of the American Chemical Society</i> , 1987 , 109, 2902-2909	16.4	49
77	Phenylhydroxycarbene. <i>Journal of the American Chemical Society</i> , 2010 , 132, 7273-5	16.4	48
76	The second-order Møller-Plesset limit for the barrier to linearity of water. <i>Journal of Chemical Physics</i> , 2001 , 114, 2875-2878	3.9	47
75	Dream or Reality: Complete Basis Set Full Configuration Interaction Potential Energy Hypersurfaces 2001 , 317-339		47
74	The infrared spectrum of the hydrogen bifluoride anion: unprecedented variation with level of theory. <i>Chemical Physics Letters</i> , 1986 , 131, 352-358	2.5	47
73	Establishment of the C(2)H(5)+O(2) reaction mechanism: a combustion archetype. <i>Journal of Chemical Physics</i> , 2008 , 128, 074308	3.9	45
72	On apparent quantized transition-state thresholds in the photofragmentation of acetaldehyde. <i>Journal of Chemical Physics</i> , 2000 , 112, 5585-5592	3.9	44
71	An examination of the 2 1A ₁ states of formaldehyde and ketene including analytic configuration interaction energy first derivatives for singlet excited electronic states of the same symmetry as the ground state. <i>Journal of Chemical Physics</i> , 1987 , 87, 7076-7095	3.9	43
70	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	16.4	43
69	An ab initio study of the vibrational spectrum of bicyclo[1.1.0]but-1(3)-ene. <i>Journal of the American Chemical Society</i> , 1987 , 109, 1615-1621	16.4	42

68	The Electronic Structure and Vibrational Spectrum of trans-HNOO. <i>Journal of Physical Chemistry A</i> , 2004 , 108, 2893-2903	2.8	40
67	Systematic Study of Selected Diagonalization Methods for Configuration Interaction Matrices. <i>Journal of Computational Chemistry</i> , 2001 , 22, 1574-1589	3.5	40
66	Enthalpy of formation and anharmonic force field of diacetylene. <i>Journal of Chemical Physics</i> , 2009 , 130, 044301	3.9	39
65	Anchoring the Absolute Proton Affinity Scale. <i>Journal of Chemical Theory and Computation</i> , 2008 , 4, 1220-9	6.4	39
64	Low-lying electronic states of FeNC and FeCN: a theoretical journey into isomerization and quartet/sextet competition. <i>Journal of Chemical Physics</i> , 2004 , 120, 4726-41	3.9	38
63	Taming the low-lying electronic states of FeH. <i>Journal of Chemical Physics</i> , 2012 , 137, 234303	3.9	37
62	Domino Tunneling. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7828-34	16.4	36
61	A combined crossed-beam, ab initio, and Rice-Ramsperger-Kassel-Marcus investigation of the reaction of carbon atoms C(3Pj) with benzene, C ₆ H ₆ (X 1A _{1g}) and d ₆ -benzene, C ₆ D ₆ (X 1A _{1g}). <i>Journal of Chemical Physics</i> , 2002 , 116, 3248-3262	3.9	36
60	Benchmark configuration interaction spectroscopic constants for X 1 Σ^+ C ₂ and X 1 Σ^+ CN+. <i>Journal of Chemical Physics</i> , 1998 , 108, 6717-6721	3.9	36
59	The sodium superoxide radical: X 2A ₂ and Σ^2B_2 potential energy surfaces. <i>Chemical Physics Letters</i> , 1991 , 186, 346-355	2.5	36
58	Fragmentation path for hydrogen atom dissociation from methoxy radical. <i>Journal of Chemical Physics</i> , 2002 , 116, 10229-10237	3.9	32
57	Polytwistane. <i>Chemistry - A European Journal</i> , 2014 , 20, 1638-45	4.8	30
56	π -Complexation in nickel-catalyzed cross-coupling reactions. <i>Journal of Organic Chemistry</i> , 2014 , 79, 1836-41	4.1	30
55	Optical activity in conformationally flexible molecules: a theoretical study of large-amplitude vibrational averaging in (R)-3-chloro-1-butene. <i>Molecular Physics</i> , 2009 , 107, 1041-1057	1.7	30
54	Variable reaction coordinate direct RRKM theory. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1997 , 101, 423-437		30
53	Cyclopropyne and Silacyclopropyne: A World of Difference. <i>Journal of the American Chemical Society</i> , 1996 , 118, 7158-7163	16.4	30
52	Free Cyclooctatetraene Dianion: Planarity, Aromaticity, and Theoretical Challenges. <i>Journal of Chemical Theory and Computation</i> , 2013 , 9, 4436-43	6.4	28
51	On the Role of Disproportionation Energy in Kumada Catalyst-Transfer Polycondensation. <i>ACS Macro Letters</i> , 2012 , 1, 995-1000	6.6	28

50	The $[\text{FHCl}]^-$ molecular anion: Structural aspects, global surface, and vibrational eigenspectrum. <i>Journal of Chemical Physics</i> , 1993 , 99, 3865-3897	3.9	28
49	Geometric Energy Derivatives at the Complete Basis Set Limit: Application to the Equilibrium Structure and Molecular Force Field of Formaldehyde. <i>Journal of Chemical Theory and Computation</i> , 2018 , 14, 1333-1350	6.4	25
48	The experimental vibrational spectra, vibrational assignment, and normal coordinate analysis of thiirane-h4 and -d4 and cis- and trans-1,2-dideuteriothiirane: Ab initio theoretical IR spectra of thiirane, thiirene, and isotopically substituted derivatives. <i>Journal of Chemical Physics</i> , 1986 , 84, 4211-4227	3.9	25
47	Adsorbing Colloid Flotation of Cu(II) with a Chelating Surfactant. <i>Separation Science and Technology</i> , 1979 , 14, 769-776	2.5	25
46	Tunnelling in carbonic acid. <i>Chemical Communications</i> , 2016 , 52, 7858-61	5.8	24
45	Structure-reactivity relationships for aromatic molecules: electrostatic potentials at nuclei and electrophile affinity indices. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2013 , 3, 37-55	7.9	24
44	Adiabatic approximations to internal rotation. <i>Journal of Chemical Physics</i> , 2006 , 124, 224310	3.9	24
43	Nearly degenerate isomers of $\text{C}(\text{BH})_2$: cumulene, carbene, or carbene?. <i>Chemistry - A European Journal</i> , 2013 , 19, 15941-54	4.8	22
42	Dipole Moment of the HOOO Radical: Resolution of a Structural Enigma. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 3584-3589	6.4	22
41	The proton-transfer surface of CH_3OHF^- . <i>Journal of Chemical Physics</i> , 1994 , 100, 2058-2088	3.9	22
40	Model systems for probing metal cation hydration: the $\text{V}^+(\text{H}_2\text{O})$ and $\text{ArV}^+(\text{H}_2\text{O})$ complexes. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 7599-610	2.8	21
39	On the nature of the Moller-Plesset critical point. <i>Journal of Chemical Physics</i> , 2005 , 123, 64105	3.9	21
38	Conformers of Gaseous Serine. <i>Journal of Chemical Theory and Computation</i> , 2016 , 12, 3571-82	6.4	20
37	Fragmentation surface of triplet ketene. <i>Faraday Discussions</i> , 1998 , 110, 23-50	3.6	20
36	H-C-SiH ₃ : direct generation and spectroscopic identification of ethylidene's cousin. <i>Journal of the American Chemical Society</i> , 2005 , 127, 12156-7	16.4	20
35	How bent can a benzene be? The molecular structure, infrared spectrum and energetics of [6]paracyclophane. <i>Chemical Physics</i> , 1988 , 123, 1-25	2.3	20
34	Exact Ligand Solid Angles. <i>Journal of Chemical Theory and Computation</i> , 2013 , 9, 5734-44	6.4	19
33	In search of definitive signatures of the elusive NCCO radical. <i>Journal of Chemical Physics</i> , 2007 , 127, 014306	3.9	19

32	Triplet H-C-SiHCl(2): combined matrix-IR and CCSD(T) identification, and the role of the open-shell singlet state. <i>Organic Letters</i> , 2004 , 6, 1163-6	6.2	19
31	Secondary structures of peptides and proteins via NMR chemical-shielding anisotropy (CSA) parameters. <i>Journal of the American Chemical Society</i> , 2007 , 129, 1568-77	16.4	18
30	A first principles theoretical determination of the rate constant for the dissociation of singlet ketene. <i>Journal of Chemical Physics</i> , 1994 , 101, 9198-9201	3.9	18
29	Do π -conjugative effects facilitate SN2 reactions?. <i>Journal of the American Chemical Society</i> , 2014 , 136, 3118-26	16.4	17
28	Ring-Walking of Zerovalent Nickel on Aryl Halides. <i>Journal of Chemical Theory and Computation</i> , 2017 , 13, 1706-1711	6.4	15
27	On the convergence of Z-averaged perturbation theory. <i>Journal of Chemical Physics</i> , 2008 , 128, 074107	3.9	15
26	Interlocking Triplet Electronic States of Isocyanic Acid: Sources of Nonadiabatic Photofragmentation Dynamics. <i>Journal of Physical Chemistry A</i> , 2001 , 105, 2716-2730	2.8	14
25	The electronic structure of vanadium monochloride cation (VCl ⁺): tackling the complexities of transition metal species. <i>Journal of Chemical Physics</i> , 2014 , 141, 204302	3.9	12
24	The multichannel n-propyl + O ₂ reaction surface: Definitive theory on a model hydrocarbon oxidation mechanism. <i>Journal of Chemical Physics</i> , 2018 , 148, 094303	3.9	11
23	Infrared signatures of the NCCO radical. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 10385-90	3.6	11
22	Nucleophilic Influences and Origin of the S ₂ Allylic Effect. <i>Chemistry - A European Journal</i> , 2018 , 24, 11637-11648	3.7	11
21	Chemistry as a function of the fine-structure constant and the electron-proton mass ratio. <i>Physical Review A</i> , 2010 , 81,	2.6	10
20	The problematic C ₂ H ₄ +F ₂ reaction barrier. <i>Journal of Chemical Physics</i> , 2010 , 132, 094304	3.9	10
19	Tunneling Isomerizations on the Potential Energy Surfaces of Formaldehyde and Methanol Radical Cations. <i>ACS Earth and Space Chemistry</i> , 2017 , 1, 361-367	3.2	9
18	Intricate internal rotation surface and fundamental infrared transitions of the n-propyl radical. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 728-35	3.4	9
17	Barrier to linearity and anharmonic force field of the ketylenyl radical. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 11643-50	2.8	9
16	Riddles of the structure and vibrational dynamics of HO resolved near the ab initio limit. <i>Journal of Chemical Physics</i> , 2019 , 151, 094304	3.9	8
15	Intricate Conformational Tunneling in Carbonic Acid Monomethyl Ester. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 1663-1667	6.4	8

14	Systematic Study of Selected Diagonalization Methods for Configuration Interaction Matrices 2001 , 22, 1574		7
13	Sub-Doppler infrared spectroscopy and formation dynamics of triacetylene in a slit supersonic expansion. <i>Journal of Chemical Physics</i> , 2016 , 144, 074301	3.9	6
12	Most favorable cumulenic structures in iron-capped linear carbon chains are short singlet odd-carbon dications: a theoretical view. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 15496-15506	3.6	5
11	σ Bond activation through tunneling: formation of the boron hydride cations BH _n (+) (n = 2, 4, 6). <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 4063-70	3.6	4
10	Ligand Steric Descriptors. <i>Annual Reports in Computational Chemistry</i> , 2013 , 3-23	1.8	4
9	Polytriangulane. <i>Journal of Chemical Theory and Computation</i> , 2016 , 12, 4707-16	6.4	4
8	Identification and Reactivity of $\text{--}\ddot{\text{C}}\text{--}$ -Dihydroxycarbene, a New [CHO] Intermediate. <i>Journal of the American Chemical Society</i> , 2020 , 142, 19457-19461	16.4	3
7	General derivative relations for anharmonic force fields		3
6	Reaction Profiles and Kinetics for Radical-Radical Hydrogen Abstraction via Multireference Coupled Cluster Theory. <i>Journal of Chemical Theory and Computation</i> , 2020 , 16, 1511-1525	6.4	2
5	The Li \cdots HF van der Waals minimum and the barrier to the deep HF \cdots i potential well \square Special Issue of Molecular Physics: Seventh Molecular Quantum Mechanics Conference, Lugano, Switzerland, 27 June 2013. View all notes. <i>Molecular Physics</i> , 2014 , 112, 770-773	1.7	2
4	Bond angles around a tetravalent atom. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 1534-8	2.8	1
3	Wigner numbers. <i>Journal of Chemical Physics</i> , 2019 , 151, 244122	3.9	1
2	A Universal Integrated Rate Equation for Chemical Kinetics. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 4009-4014	2.8	
1	Counterfactual Quantum Chemistry of Water 2010 , 119-134		