

# Kenneth D Jordan

## List of Publications by Year in descending order

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134  
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times ranked

5423  
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#	ARTICLE	IF	CITATIONS
1	Progress toward a one-electron model for the non-valence correlation-bound anions of polycyclic aromatic hydrocarbons. <i>Electronic Structure</i> , 2022, 4, 014010.	1.0	1
2	Real-Time Modulation of Hydrogen Evolution Activity of Graphene Electrodes Using Mechanical Strain. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 10691-10700.	4.0	2
3	Vibrational Signatures of HNO <sub>3</sub> Acidity When Complexed with Microhydrated Alkali Metal Ions, M <sup>+</sup> ·(HNO <sub>3</sub> )(H <sub>2</sub> O) <sub>n</sub> (M = Li, K, Na, Rb, Cs), at 20 K. <i>Journal of Physical Chemistry A</i> , 2022, 126, 1640-1647.	1.1	4
4	The binding of atomic hydrogen on graphene from density functional theory and diffusion Monte Carlo calculations. <i>Journal of Chemical Physics</i> , 2022, 156, 144702.	1.2	3
5	Water Network Shape-Dependence of Local Interactions with the Microhydrated <sup>+</sup> NO <sub>2</sub> and <sup>+</sup> CO <sub>2</sub> Anionic Head Groups by Cold Ion Vibrational Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2022, 126, 2471-2479.	1.1	2
6	A Fresh Look at the Role of the Coupling of a Discrete State with a Pseudocontinuum State in the Stabilization Method for Characterizing Metastable States. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 1202-1206.	2.1	8
7	Role of Overlap between the Discrete State and Pseudocontinuum States in Stabilization Calculations of Metastable States. <i>Journal of Physical Chemistry A</i> , 2021, 125, 4401-4408.	1.1	3
8	Frontiers of stochastic electronic structure calculations. <i>Journal of Chemical Physics</i> , 2021, 154, 170401.	1.2	5
9	Two-Dimensional Adiabatic Model for Calculating Progressions Resulting from Stretch-Rock Coupling in Vibrational Spectra of Anion-Water Complexes. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 6326-6329.	2.1	2
10	Temporary Anion Resonances of Pyrene: A 2D Photoelectron Imaging and Computational Study. <i>Journal of Physical Chemistry A</i> , 2021, 125, 7004-7013.	1.1	10
11	Mapping the temperature-dependent and network site-specific onset of spectral diffusion at the surface of a water cluster cage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26047-26052.	3.3	15
12	The role of high-order electron correlation effects in a model system for non-valence correlation-bound anions. <i>Journal of Chemical Physics</i> , 2020, 153, 224118.	1.2	4
13	Analysis of the Contributions to the Kinetic and Potential Energies of an H Atom in the Presence of a Point Charge: The Molecular Virial Theorem Revisited. <i>Journal of Physical Chemistry A</i> , 2020, 124, 4534-4538.	1.1	0
14	QMCPACK: Advances in the development, efficiency, and application of auxiliary field and real-space variational and diffusion quantum Monte Carlo. <i>Journal of Chemical Physics</i> , 2020, 152, 174105.	1.2	80
15	Toward a systematic improvement of the fixed-node approximation in diffusion Monte Carlo for solids: A case study in diamond. <i>Journal of Chemical Physics</i> , 2020, 153, 184111.	1.2	16
16	One-Dimensional Adiabatic Model Approach for Calculating Progressions in Vibrational Spectra of Ion-Water Complexes. <i>Journal of Physical Chemistry A</i> , 2019, 123, 7042-7050.	1.1	6
17	Going large(r): general discussion. <i>Faraday Discussions</i> , 2019, 217, 476-513.	1.6	1
18	Controlling internal degrees: general discussion. <i>Faraday Discussions</i> , 2019, 217, 138-171.	1.6	1

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19	Pushing resolution in frequency and time: general discussion. Faraday Discussions, 2019, 217, 290-321.	1.6	1
20	Exotic systems: general discussion. Faraday Discussions, 2019, 217, 601-622.	1.6	0
21	Molecular-level origin of the carboxylate head group response to divalent metal ion complexation at the air-water interface. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14874-14880.	3.3	37
22	Prediction of a Non-Valence Temporary Anion State of (NaCl) <sub>2</sub> . Journal of Physical Chemistry B, 2019, 123, 9198-9205.	1.2	3
23	Model potential study of non-valence correlation-bound anions of (C <sub>60</sub> ) <sub>n</sub> clusters: the role of electric field-induced charge transfer. Faraday Discussions, 2019, 217, 547-560.	1.6	8
24	Comment on "Physisorption of Water on Graphene: Subchemical Accuracy from Many-Body Electronic Structure Methods". Journal of Physical Chemistry C, 2019, 123, 10163-10165.	1.5	9
25	Prediction of a Nonvalence Temporary Anion Shape Resonance for a Model (H <sub>2</sub> O) <sub>4</sub> System. Journal of Physical Chemistry A, 2019, 123, 2719-2726.	1.1	4
26	Smallest water clusters supporting the ice I structure. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24383-24385.	3.3	12
27	Tag-Free and Isotopomer-Selective Vibrational Spectroscopy of the Cryogenically Cooled H <sub>9</sub> O <sub>4</sub> <sup>+</sup> Cation with Two-Color, IR-IR Double-Resonance Photoexcitation: Isolating the Spectral Signature of a Single OH Group in the Hydronium Ion Core. Journal of Physical Chemistry A, 2018, 122, 9275-9284.	1.1	27
28	Accurate Predictions of Electron Binding Energies of Dipole-Bound Anions via Quantum Monte Carlo Methods. Journal of Physical Chemistry Letters, 2018, 9, 6185-6190.	2.1	24
29	Comment on a spurious prediction of a non-planar geometry for benzene at the MP2 level of theory. Chemical Physics Letters, 2017, 669, 230-232.	1.2	14
30	H4: A model system for assessing the performance of diffusion Monte Carlo calculations using a single Slater determinant trial function. Journal of Chemical Physics, 2017, 147, 074106.	1.2	8
31	Theoretical approaches for treating non-valence correlation-bound anions. Journal of Chemical Physics, 2017, 147, 214114.	1.2	34
32	Preface: Special Topic: From Quantum Mechanics to Force Fields. Journal of Chemical Physics, 2017, 147, 161401.	1.2	13
33	Stabilization calculations of the low-lying temporary anions states of Be, Mg, and Ca. Chemical Physics, 2017, 482, 239-243.	0.9	11
34	Implementation of analytical gradients and of a mixed real and momentum space DVR method for excess electron systems described by a self-consistent polarization model. Journal of Chemical Physics, 2017, 147, 161717.	1.2	2
35	Spectroscopic snapshots of the proton-transfer mechanism in water. Science, 2016, 354, 1131-1135.	6.0	213
36	Diffusion Monte Carlo Study of the Parallel Displaced Form of the Benzene Dimer. ACS Symposium Series, 2016, , 107-117.	0.5	3

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37	Characterization of the primary hydration shell of the hydroxide ion with H <sub>2</sub> tagging vibrational spectroscopy of the OH <sup>-</sup> ··· (H <sub>2</sub> O) <sub>n</sub> and OD <sup>-</sup> ··· (D <sub>2</sub> O) <sub>n</sub> clusters. <i>Journal of Chemical Physics</i> , 2016, 145, 134304.	1.2	26
38	<i>Ab initio</i> calculation of the cross sections for electron impact vibrational excitation of CO via the 2 $\bar{1}$ shape resonance. <i>Journal of Chemical Physics</i> , 2016, 144, 104303.	1.2	7
39	Dispersion dipoles for coupled Drude oscillators. <i>Journal of Chemical Physics</i> , 2016, 144, 034111.	1.2	16
40	Proton-coupled electron transfer in [pyridine ··· (H <sub>2</sub> O)] <sub>n</sub> , n = 3, 4, clusters. <i>Chemical Physics Letters</i> , 2016, 661, 196-199.	1.2	1
41	Symmetry-Adapted Perturbation Theory Energy Analysis of Alkyl Fluorine ··· Aromatic Interactions in Torsion Balance Systems. <i>Journal of Physical Chemistry A</i> , 2016, 120, 9292-9298.	1.1	10
42	Theoretical Characterization of the Minimum-Energy Structure of (SF <sub>6</sub> ) <sub>2</sub> . <i>Journal of Physical Chemistry B</i> , 2016, 120, 1788-1792.	1.2	3
43	Exploration of Brueckner orbital trial wave functions in diffusion Monte Carlo calculations. <i>Chemical Physics Letters</i> , 2016, 644, 117-120.	1.2	4
44	Water network-mediated, electron-induced proton transfer in [C <sub>5</sub> H <sub>5</sub> N ··· (H <sub>2</sub> O) <sub>n</sub> ] <sup>-</sup> clusters. <i>Journal of Chemical Physics</i> , 2015, 143, 144305.	1.2	8
45	Quantum Monte Carlo calculation of the binding energy of the beryllium dimer. <i>Journal of Chemical Physics</i> , 2015, 143, 084116.	1.2	26
46	Oxygen Atom Exchange between Gaseous CO <sub>2</sub> and TiO <sub>2</sub> Nanoclusters. <i>Journal of Physical Chemistry C</i> , 2015, 119, 3605-3612.	1.5	18
47	Snapshots of Proton Accommodation at a Microscopic Water Surface: Understanding the Vibrational Spectral Signatures of the Charge Defect in Cryogenically Cooled H <sup>+</sup> ··· (H <sub>2</sub> O) <sub>n</sub> Clusters. <i>Journal of Physical Chemistry A</i> , 2015, 119, 9425-9440.	1.1	111
48	Nonvalence Correlation-Bound Anion States of Polycyclic Aromatic Hydrocarbons. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 3994-3997.	2.1	21
49	Negative electron affinities from conventional electronic structure methods. <i>Theoretical Chemistry Accounts</i> , 2014, 133, 1.	0.5	50
50	Correcting density functionals for dispersion interactions using pseudopotentials. <i>Chemical Physics Letters</i> , 2014, 591, 133-136.	1.2	17
51	Nonvalence Correlation-Bound Anion State of C <sub>6</sub> F <sub>6</sub> : Doorway to Low-Energy Electron Capture. <i>Journal of Physical Chemistry A</i> , 2014, 118, 7201-7205.	1.1	51
52	Assessing the Performances of Dispersion-Corrected Density Functional Methods for Predicting the Crystallographic Properties of High Nitrogen Energetic Salts. <i>Journal of Chemical Theory and Computation</i> , 2014, 10, 4982-4994.	2.3	22
53	Assessment of Various Electronic Structure Methods for Characterizing Temporary Anion States: Application to the Ground State Anions of N <sub>2</sub> , C <sub>2</sub> H <sub>2</sub> , C <sub>2</sub> H <sub>4</sub> , and C <sub>6</sub> H <sub>6</sub> . <i>Journal of Physical Chemistry A</i> , 2014, 118, 7489-7497.	1.1	52
54	Nonvalence Correlation-Bound Anion States of Spherical Fullerenes. <i>Nano Letters</i> , 2014, 14, 4602-4606.	4.5	25

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55	Vibrational Spectroscopy of the Water–Nitrate Complex in the O–H Stretching Region. <i>Journal of Physical Chemistry A</i> , 2014, 118, 8188-8197.	1.1	39
56	Establishing the Ground State of the Disjoint Diradical Tetramethyleneethane with Quantum Monte Carlo. <i>Journal of the American Chemical Society</i> , 2013, 135, 13862-13869.	6.6	34
57	Correlation Consistent Gaussian Basis Sets for H, Be–Ne with Dirac–Fock AREP Pseudopotentials: Applications in Quantum Monte Carlo Calculations. <i>Journal of Chemical Theory and Computation</i> , 2013, 9, 2170-2178.	2.3	27
58	Existence of a Correlation Bound $\langle i \rangle$ -Type Anion State of $C_{60}$ . <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 849-853.	2.1	71
59	A Self-Consistent Polarization Potential Model for Describing Excess Electrons Interacting with Water Clusters. <i>Journal of Physical Chemistry B</i> , 2013, 117, 4365-4370.	1.2	34
60	Benchmark Study of the Interaction Energy for an $(H_2O)_{16}$ Cluster: Quantum Monte Carlo and Complete Basis Set Limit MP2 Results. <i>Journal of Physical Chemistry A</i> , 2013, 117, 7606-7611.	1.1	20
61	An Assessment of the vdW-TS Method for Extended Systems. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 1503-1513.	2.3	112
62	Benchmark Calculations of the Energies for Binding Excess Electrons to Water Clusters. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 893-900.	2.3	39
63	Bottom-Up View of Water Network-Mediated $CO_2$ Reduction Using Cryogenic Cluster Ion Spectroscopy and Direct Dynamics Simulations. <i>Journal of Physical Chemistry A</i> , 2012, 116, 903-912.	1.1	19
64	Determination of conformational preferences in biomolecule mimics with localized orbital coupled cluster methods. , 2012, , .		2
65	A distributed point polarizable force field for carbon dioxide. <i>Theoretical Chemistry Accounts</i> , 2012, 131, 1.	0.5	10
66	From quantum mechanics to force fields: new methodologies for the classical simulation of complex systems. <i>Theoretical Chemistry Accounts</i> , 2012, 131, 1.	0.5	9
67	Unraveling the Anomalous Solvatochromic Response of the Formate Ion Vibrational Spectrum: An Infrared, Ar-Tagging Study of the $HCO_2^-$ , $DCO_2^-$ , and $HCO_2^- \cdot H_2O$ Ions. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 2437-2441.	2.1	49
68	Evaluation of Theoretical Approaches for Describing the Interaction of Water with Linear Acenes. <i>Journal of Physical Chemistry A</i> , 2011, 115, 5955-5964.	1.1	24
69	Downsizing the Hydrated Electron's Lair. <i>Science</i> , 2010, 329, 42-43.	6.0	26
70	Benchmark calculations of water–acene interaction energies: Extrapolation to the water–graphene limit and assessment of dispersion–corrected DFT methods. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 6375.	1.3	111
71	How the Shape of an H-Bonded Network Controls Proton-Coupled Water Activation in HONO Formation. <i>Science</i> , 2010, 327, 308-312.	6.0	99
72	Discrete Variable Representation Implementation of the One-Electron Polarization Model. <i>Journal of Chemical Theory and Computation</i> , 2010, 6, 2388-2394.	2.3	5

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73	A second generation distributed point polarizable water model. <i>Journal of Chemical Physics</i> , 2010, 132, 014309.	1.2	106
74	Isolating the Spectral Signatures of Individual Sites in Water Networks Using Vibrational Double-Resonance Spectroscopy of Cluster Isotopomers. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2396-2401.	2.1	31
75	Potential energy landscape of the $\text{H}_2\text{O} \cdots \text{H}_2\text{O} \cdots \text{H}_2\text{O}$ cluster. <i>Journal of Chemical Physics</i> , 2009, 131, 204701.	2.4	14
76	Vibrationally Induced Interconversion of H-Bonded $\text{NO}_2$ and $\text{NO}_2$ Isomers within $\text{NO}_2 \cdots \text{H}_2\text{O} \cdots \text{NO}_2$ Clusters Using IR Pump-Probe through the OH and NO Stretching Vibrations. <i>Journal of Physical Chemistry A</i> , 2009, 113, 975-981.	1.1	15
77	DF-DFT-SAPT Investigation of the Interaction of a Water Molecule to Coronene and Dodecabenzocoronene: Implications for the Water-Graphite Interaction. <i>Journal of Physical Chemistry C</i> , 2009, 113, 10242-10248.	1.5	79
78	Parallel tempering Monte Carlo simulations of the water heptamer anion. <i>Chemical Physics Letters</i> , 2008, 455, 135-138.	1.2	18
79	Analytical gradient for geometry optimizations of $\text{H}_2\text{O} \cdots \text{H}_2\text{O}$ . <i>Journal of Chemical Physics</i> , 2008, 128, 204701.	1.2	9
80	Model Potential Approaches for Describing the Interaction of Excess Electrons with Water Clusters: Incorporation of Long-Range Correlation Effects. <i>Journal of Physical Chemistry A</i> , 2008, 112, 11021-11035.	1.1	68
81	Exploring the correlation between network structure and electron binding energy in the $(\text{H}_2\text{O})_7$ cluster through isomer-photoselected vibrational predissociation spectroscopy and <i>ab initio</i> calculations: Addressing complexity beyond types I-III. <i>Journal of Chemical Physics</i> , 2008, 128, 104314.	1.2	32
82	Comparison of models with distributed polarizable sites for describing water clusters. <i>Molecular Physics</i> , 2007, 105, 2681-2696.	0.8	42
83	Computational Insight Concerning Catalytic Decision Points of the Transition Metal Catalyzed $[2 + 2 + 1]$ Cyclocarbonylation Reaction of Allenes. <i>Organometallics</i> , 2006, 25, 5204-5206.	1.1	32
84	Interplay between hydrogen bonding and electron solvation on hydrated $\text{TiO}_2(110)$ . <i>Physical Review B</i> , 2006, 73, .	1.1	50
85	Theoretical Characterization of the $(\text{H}_2\text{O})_{21}$ Cluster: Application of an n-body Decomposition Procedure. <i>Journal of Physical Chemistry B</i> , 2006, 110, 18872-18878.	1.2	84
86	Electron Binding Motifs of $(\text{H}_2\text{O})_n$ -Clusters. <i>Journal of the American Chemical Society</i> , 2006, 128, 5828-5833.	6.6	94
87	Low-lying isomers and finite temperature behavior of $(\text{H}_2\text{O})_6$ . <i>Journal of Chemical Physics</i> , 2006, 125, 174301.	1.2	43
88	Spectral Signatures of Hydrated Proton Vibrations in Water Clusters. <i>Science</i> , 2005, 308, 1765-1769.	6.0	712
89	Quantum Drude Oscillator Model for Describing the Interaction of Excess Electrons with Water Clusters: An Application to $(\text{H}_2\text{O})_{13}$ . <i>Journal of Physical Chemistry A</i> , 2005, 109, 11531-11538.	1.1	54
90	Molecular visualization in chemistry education: the role of multidisciplinary collaboration. <i>Chemistry Education Research and Practice</i> , 2005, 6, 136-149.	1.4	66

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91	Wet Electrons at the H <sub>2</sub> O/TiO <sub>2</sub> (110) Surface. <i>Science</i> , 2005, 308, 1154-1158.	6.0	239
92	Dipole-bound anions of highly polar molecules: Ethylene carbonate and vinylene carbonate. <i>Journal of Chemical Physics</i> , 2004, 120, 685-690.	1.2	63
93	CHEMISTRY: A Fresh Look at Electron Hydration. <i>Science</i> , 2004, 306, 618-619.	6.0	70
94	Parallel-Tempering Monte Carlo Study of (H <sub>2</sub> O) <sub>n</sub> =6-9. <i>Journal of Physical Chemistry A</i> , 2003, 107, 7380-7389.	1.1	65
95	THEORY OF DIPOLE-BOUND ANIONS. <i>Annual Review of Physical Chemistry</i> , 2003, 54, 367-396.	4.8	273
96	An ab initio study of the structure of two-, three- and five-dimer silicon clusters: An approach to the Si(100) surface. <i>Theoretical Chemistry Accounts</i> , 2003, 109, 268-273.	0.5	18
97	Dominant structural motifs of NO <sup>-</sup> ⋯(H <sub>2</sub> O) <sub>n</sub> complexes: Infrared spectroscopic and ab initio studies. <i>Journal of Chemical Physics</i> , 2003, 118, 4945-4953.	1.2	41
98	Large anharmonic effects in the infrared spectra of the symmetrical CH <sub>3</sub> NO <sub>2</sub> <sup>-</sup> ⋯(H <sub>2</sub> O) and CH <sub>3</sub> CO <sub>2</sub> <sup>-</sup> ⋯(H <sub>2</sub> O) complexes. <i>Journal of Chemical Physics</i> , 2003, 119, 10138-10145.	1.2	57
99	Dipole-bound anions of carbonyl, nitrile, and sulfoxide containing molecules. <i>Journal of Chemical Physics</i> , 2003, 119, 3650-3660.	1.2	79
100	Rearrangement pathways of the water trimer and tetramer anions. <i>Journal of Chemical Physics</i> , 2002, 116, 3612-3616.	1.2	18
101	Infrared predissociation spectroscopy of I <sup>-</sup> ⋯(CH <sub>3</sub> OH) <sub>n</sub> , n=1,2: Cooperativity in asymmetric solvation. <i>Journal of Chemical Physics</i> , 2002, 116, 4853.	1.2	41
102	Isolating the Charge-Transfer Component of the Anionic H Bond Via Spin Suppression of the Intracluster Proton Transfer Reaction in the NO <sup>-</sup> ⋅H <sub>2</sub> O Entrance Channel Complex. <i>Journal of Physical Chemistry A</i> , 2002, 106, 10010-10014.	1.1	24
103	Oxygen Atom Reactions with Circumtrindene and Related Molecules: % Analogues for the Oxidation of Nanotube Caps. <i>Journal of Physical Chemistry A</i> , 2002, 106, 2572-2579.	1.1	18
104	Theoretical Study of Oxygen Adsorption on Graphite and the (8,0) Single-walled Carbon Nanotube. <i>Journal of Physical Chemistry B</i> , 2001, 105, 11227-11232.	1.2	258
105	An interatomic potential for mercury dimer. <i>Journal of Chemical Physics</i> , 2001, 114, 5545-5551.	1.2	47
106	Resonant ion-dip infrared spectroscopy of benzene⋯(water) <sub>9</sub> : Expanding the cube. <i>Journal of Chemical Physics</i> , 2000, 113, 2290-2303.	1.2	81
107	Theoretical Study of the Low-Lying Electronically Excited States of Diacetylene. <i>Journal of Physical Chemistry A</i> , 2000, 104, 9009-9016.	1.1	15
108	Infrared spectroscopy of negatively charged water clusters: Evidence for a linear network. <i>Journal of Chemical Physics</i> , 1999, 110, 6268-6277.	1.2	116

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109	Near-Threshold Electron-Impact Excitation of the Low-Lying Rydberg States of Ethylene. Journal of Physical Chemistry A, 1999, 103, 5667-5670.	1.1	4
110	Electronic Structure of Dipole-Bound Anions. Journal of Physical Chemistry A, 1998, 102, 2624-2633.	1.1	148
111	CO <sub>2</sub> ~Fluorocarbon and CO <sub>2</sub> ~Hydrocarbon Interactions from First-Principles Calculations. Journal of Physical Chemistry A, 1998, 102, 2231-2236.	1.1	107
112	Resonant ion-dip infrared spectroscopy of the S <sub>4</sub> and D <sub>2d</sub> water octamers in benzene-(water) <sub>8</sub> and benzene <sub>2</sub> -(water) <sub>8</sub> . Journal of Chemical Physics, 1998, 109, 6601-6614.	1.2	123
113	LONG-RANGE INTRAMOLECULAR INTERACTIONS: IMPLICATIONS FOR ELECTRON TRANSFER. , 1997, , 257-287.		6
114	Infrared Spectrum of a Molecular Ice Cube: The S <sub>4</sub> and D <sub>2d</sub> Water Octamers in Benzene-(Water) <sub>8</sub> . Science, 1997, 276, 1678-1681.	6.0	433
115	Energies of dipole-bound anionic states. International Journal of Quantum Chemistry, 1997, 64, 183-191.	1.0	86
116	Theoretical Characterization of the Structures and Vibrational Spectra of Benzene~(H <sub>2</sub> O) <sub>n</sub> (n= 1~3) Clusters. The Journal of Physical Chemistry, 1996, 100, 7810-7821.	2.9	187
117	Electronically Excited States of 1,4:5,8-Bismethano-1,4,4a,5,8,8a-hexahydronaphthalene, a Nonconjugated Diene:~ Comparison of Theory and Experiment. Journal of the American Chemical Society, 1996, 118, 1235-1240.	6.6	7
118	Fluorescence~dip infrared spectroscopy of the tropolone~H <sub>2</sub> O complex. Journal of Chemical Physics, 1996, 105, 2605-2617.	1.2	47
119	Fluorescence~dip infrared spectroscopy of tropolone and tropolone~OD. Journal of Chemical Physics, 1996, 105, 2595-2604.	1.2	75
120	Contribution of electron correlation to the stability of dipole-bound anionic states. Physical Review A, 1996, 54, 1906-1909.	1.0	167
121	Low-Lying Electronically Excited States of CH <sub>3</sub> Cl:~ Comparison of Theory and Experiment. The Journal of Physical Chemistry, 1996, 100, 5642-5648.	2.9	11
122	Mode~selective photoisomerization in 5~hydroxytropolone. II. Theory. Journal of Chemical Physics, 1995, 102, 5260-5270.	1.2	29
123	An Effective In-Situ O <sub>2</sub> High Density Plasma Clean. Materials Research Society Symposia Proceedings, 1993, 315, 273.	0.1	1
124	Calculation of the Si~H bond energies for the monohydride phase of Si(100). Journal of Chemical Physics, 1991, 95, 8652-8654.	1.2	116
125	Assignments of the temporary anion states of the chloromethanes. The Journal of Physical Chemistry, 1990, 94, 5666-5669.	2.9	80
126	Temporary anion states of polyatomic hydrocarbons. Chemical Reviews, 1987, 87, 557-588.	23.0	334



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127	Ab initio electronic structure of anions. <i>Chemical Reviews</i> , 1987, 87, 535-555.	23.0	336
128	Electron Transmission Study of the Splitting of the $\pi^*$ MO's of Angle-Strained Cyclic Acetylenes: Implications for the Electrophilicity of Alkynes. <i>Bulletin Des Sociétés Chimiques Belges</i> , 1982, 91, 363-363.	0.0	3
129	Theoretical studies of positron-molecule complexes. <i>Journal of Chemical Physics</i> , 1981, 75, 1876-1887.	1.2	48
130	Bonding in the Mg <sub>4</sub> cluster. An example of chemical bonding originating from electron correlation effects. <i>Journal of Chemical Physics</i> , 1981, 75, 1044-1046.	1.2	37
131	Recent developments in electron-molecule scattering. <i>International Journal of Quantum Chemistry</i> , 1981, 20, 331-340.	1.0	1
132	Theoretical studies of positron complexes with atomic anions. <i>Journal of Chemical Physics</i> , 1980, 72, 493-503.	1.2	25
133	Comment on the structure and stability of (CO <sub>2</sub> ) <sup>-2</sup> . <i>Journal of Chemical Physics</i> , 1979, 70, 4422-4424.	1.2	56
134	Studies of the temporary anion states of unsaturated hydrocarbons by electron transmission spectroscopy. <i>Accounts of Chemical Research</i> , 1978, 11, 341-348.	7.6	425