

Nicholas A Besley

List of Publications by Year in descending order

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136
papers

11,288
citations

87401

40
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33145

104
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136
all docs

136
docs citations

136
times ranked

12059
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in methods and algorithms in a modern quantum chemistry program package. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 3172-3191.	1.3	2,597
2	Advances in molecular quantum chemistry contained in the Q-Chem 4 program package. <i>Molecular Physics</i> , 2015, 113, 184-215.	0.8	2,561
3	Q-Chem 2.0: a high-performance ab initio electronic structure program package. <i>Journal of Computational Chemistry</i> , 2000, 21, 1532-1548.	1.5	617
4	Software for the frontiers of quantum chemistry: An overview of developments in the Q-Chem 5 package. <i>Journal of Chemical Physics</i> , 2021, 155, 084801.	1.2	518
5	Self-Consistent Field Calculations of Excited States Using the Maximum Overlap Method (MOM). <i>Journal of Physical Chemistry A</i> , 2008, 112, 13164-13171.	1.1	435
6	Direct transformation of graphene to fullerene. <i>Nature Chemistry</i> , 2010, 2, 450-453.	6.6	361
7	Self-consistent-field calculations of core excited states. <i>Journal of Chemical Physics</i> , 2009, 130, 124308.	1.2	254
8	Time-dependent density functional theory calculations of the spectroscopy of core electrons. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 12024.	1.3	202
9	Time-dependent density functional theory calculations of near-edge X-ray absorption fine structure with short-range corrected functionals. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 10350.	1.3	168
10	Theoretical Studies toward Quantitative Protein Circular Dichroism Calculations. <i>Journal of the American Chemical Society</i> , 1999, 121, 9636-9644.	6.6	151
11	X-ray and Electron Spectroscopy of Water. <i>Chemical Reviews</i> , 2016, 116, 7551-7569.	23.0	143
12	Probing the Reactivity of Photoinitiators for Free Radical Polymerization: A Time-Resolved Infrared Spectroscopic Study of Benzoyl Radicals. <i>Journal of the American Chemical Society</i> , 2002, 124, 14952-14958.	6.6	128
13	Ab Initio Study of the Electronic Spectrum of Formamide with Explicit Solvent. <i>Journal of the American Chemical Society</i> , 1999, 121, 8559-8566.	6.6	87
14	Reactions of the inner surface of carbon nanotubes and nanoprotusion processes imaged at the atomic scale. <i>Nature Chemistry</i> , 2011, 3, 732-737.	6.6	83
15	Time-Dependent Density Functional Theory Study of the X-ray Absorption Spectroscopy of Acetylene, Ethylene, and Benzene on Si(100). <i>Journal of Physical Chemistry C</i> , 2007, 111, 3333-3340.	1.5	76
16	Ab Initio Study of the Effect of Solvation on the Electronic Spectra of Formamide and N-Methylacetamide. <i>Journal of Physical Chemistry A</i> , 1998, 102, 10791-10797.	1.1	69
17	A Sequential Molecular Mechanics/Quantum Mechanics Study of the Electronic Spectra of Amides. <i>Journal of the American Chemical Society</i> , 2004, 126, 13502-13511.	6.6	68
18	Assessment of time-dependent density functional theory with the restricted excitation space approximation for excited state calculations of large systems. <i>Molecular Physics</i> , 2018, 116, 1452-1459.	0.8	64

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19	A family of intracules, a conjecture and the electron correlation problem. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 15-25.	1.3	61
20	Equation of motion coupled cluster theory calculations of the X-ray emission spectroscopy of water. <i>Chemical Physics Letters</i> , 2012, 542, 42-46.	1.2	60
21	Modeling of the spectroscopy of core electrons with density functional theory. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2021, 11, e1527.	6.2	60
22	Density Functional Theory Based Methods for the Calculation of X-ray Spectroscopy. <i>Accounts of Chemical Research</i> , 2020, 53, 1306-1315.	7.6	59
23	Unusual spectroscopic and photophysical properties of meso-tert-butylBODIPY in comparison to related alkylated BODIPY dyes. <i>RSC Advances</i> , 2015, 5, 89375-89388.	1.7	58
24	Calculation of near-edge X-ray absorption fine structure with the CIS(D) method. <i>Chemical Physics Letters</i> , 2008, 463, 267-271.	1.2	55
25	Calculation of the electronic spectra of molecules in solution and on surfaces. <i>Chemical Physics Letters</i> , 2004, 390, 124-129.	1.2	53
26	Ab Initio Modeling of Amide Vibrational Bands in Solution. <i>Journal of Physical Chemistry A</i> , 2004, 108, 10794-10800.	1.1	52
27	Coupled ab initio potential energy surfaces for the reaction $\text{Cl}(2P) + \text{HCl} \rightarrow \text{ClH} + \text{Cl}(2P)$. <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 957-966.	1.3	50
28	Di-8-ANEPPS Emission Spectra in Phospholipid/Cholesterol Membranes: A Theoretical Study. <i>Journal of Physical Chemistry B</i> , 2011, 115, 4160-4167.	1.2	50
29	Assessment of basis sets for density functional theory-based calculations of core-electron spectroscopies. <i>Theoretical Chemistry Accounts</i> , 2018, 137, 1.	0.5	50
30	Computation of the amide I band of polypeptides and proteins using a partial Hessian approach. <i>Journal of Chemical Physics</i> , 2007, 126, 035101.	1.2	47
31	Calculating excited state properties using Kohn-Sham density functional theory. <i>Journal of Chemical Physics</i> , 2013, 138, 064101.	1.2	47
32	Modeling the Absorption Spectrum of Tryptophan in Proteins. <i>Journal of Physical Chemistry B</i> , 2005, 109, 23061-23069.	1.2	46
33	QM/MM Excited State Molecular Dynamics and Fluorescence Spectroscopy of BODIPY. <i>Journal of Physical Chemistry A</i> , 2013, 117, 2644-2650.	1.1	46
34	Two-electron distribution functions and intracules. <i>Theoretical Chemistry Accounts</i> , 2003, 109, 241-250.	0.5	45
35	Structural optimization of molecular clusters with density functional theory combined with basin hopping. <i>Journal of Chemical Physics</i> , 2012, 137, 134106.	1.2	45
36	The role of Hartree-Fock exchange in the simulation of X-ray absorption spectra: A study of photoexcited. <i>Chemical Physics Letters</i> , 2013, 580, 179-184.	1.2	43

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37	Quantum Chemical Calculations of X-ray Emission Spectroscopy. <i>Journal of Chemical Theory and Computation</i> , 2014, 10, 4557-4564.	2.3	43
38	Photoaquation Mechanism of Hexacyanoferrate(II) Ions: Ultrafast 2D UV and Transient Visible and IR Spectroscopies. <i>Journal of the American Chemical Society</i> , 2017, 139, 7335-7347.	6.6	43
39	Investigating the Calculation of Anharmonic Vibrational Frequencies Using Force Fields Derived from Density Functional Theory. <i>Journal of Physical Chemistry A</i> , 2012, 116, 4417-4425.	1.1	42
40	Structure and Bonding in Ionized Water Clusters. <i>Journal of Physical Chemistry A</i> , 2013, 117, 5385-5391.	1.1	41
41	van der Waals-Induced Chromatic Shifts in Hydrogen-Bonded Two-Dimensional Porphyrin Arrays on Boron Nitride. <i>ACS Nano</i> , 2015, 9, 10347-10355.	7.3	40
42	Theoretical study of the structures and stabilities of iron clusters. <i>Computational and Theoretical Chemistry</i> , 1995, 341, 75-90.	1.5	39
43	Proton transfer or hemibonding? The structure and stability of radical cation clusters. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 16214.	1.3	39
44	Cyclometallated platinum(II) complexes containing NHC ligands: synthesis, characterization, photophysics and their application as emitters in OLEDs. <i>Dalton Transactions</i> , 2015, 44, 7152-7162.	1.6	37
45	Relationship between x-ray emission and absorption spectroscopy and the local H-bond environment in water. <i>Journal of Chemical Physics</i> , 2018, 148, 144507.	1.2	37
46	N-doping enabled defect-engineering of MoS ₂ for enhanced and selective adsorption of CO ₂ : A DFT approach. <i>Applied Surface Science</i> , 2021, 542, 148556.	3.1	37
47	Theoretical Study of the ¹³ C NMR Spectroscopy of Single-Walled Carbon Nanotubes. <i>Journal of the American Chemical Society</i> , 2005, 127, 17948-17953.	6.6	36
48	Modelling the spectroscopy and dynamics of plastocyanin. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 9667.	1.3	35
49	Ultrafast nonadiabatic dynamics probed by nitrogen K-edge absorption spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 2667-2676.	1.3	34
50	NMR chemical shifts of molecules encapsulated in single walled carbon nanotubes. <i>Journal of Chemical Physics</i> , 2008, 128, 101102.	1.2	33
51	Electronic Structure of 5-Hydroxyindole: From Gas Phase to Explicit Solvation. <i>Journal of Physical Chemistry B</i> , 2009, 113, 2535-2541.	1.2	33
52	Basis sets for the calculation of core-electron binding energies. <i>Chemical Physics Letters</i> , 2018, 699, 279-285.	1.2	32
53	Density Functional Theory Based Analysis of Photoinduced Electron Transfer in a Triazacryptand Based K ⁺ Sensor. <i>Journal of Physical Chemistry A</i> , 2015, 119, 2902-2907.	1.1	31
54	Kohn-Sham density functional theory calculations of non-resonant and resonant x-ray emission spectroscopy. <i>Journal of Chemical Physics</i> , 2017, 146, .	1.2	29

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55	Synthesis and characterisation of rylene diimide dimers using molecular handcuffs. <i>Chemical Science</i> , 2019, 10, 3723-3732.	3.7	28
56	Partial Hessian Vibrational Analysis of Organic Molecules Adsorbed on Si(100). <i>Journal of Physical Chemistry C</i> , 2008, 112, 4308-4314.	1.5	27
57	Time dependent density functional theory study of the near-edge x-ray absorption fine structure of benzene in gas phase and on metal surfaces. <i>Journal of Chemical Physics</i> , 2008, 129, 064705.	1.2	26
58	Photochemical Dihydrogen Production Using an Analogue of the Active Site of [NiFe] Hydrogenase. <i>Inorganic Chemistry</i> , 2014, 53, 4430-4439.	1.9	26
59	The effect of basis set and exchange-correlation functional on time-dependent density functional theory calculations within the Tamm-Dancoff approximation of the x-ray emission spectroscopy of transition metal complexes. <i>Journal of Chemical Physics</i> , 2016, 144, 114104.	1.2	26
60	Fast Time-Dependent Density Functional Theory Calculations of the X-ray Absorption Spectroscopy of Large Systems. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 5018-5025.	2.3	26
61	Electronic Excited States of Si(100) and Organic Molecules Adsorbed on Si(100). <i>Journal of Physical Chemistry B</i> , 2006, 110, 1701-1710.	1.2	25
62	Monitoring the Formation and Reactivity of Organometallic Alkane and Fluoroalkane Complexes with Silanes and Xe Using Time-Resolved X-ray Absorption Fine Structure Spectroscopy. <i>Journal of the American Chemical Society</i> , 2019, 141, 11471-11480.	6.6	25
63	Electronic Structure of a Rigid Cyclic Diamide. <i>Journal of Physical Chemistry B</i> , 2000, 104, 12371-12377.	1.2	23
64	Theoretical calculations of the excited state potential energy surfaces of nitric oxide. <i>Chemical Physics Letters</i> , 2011, 513, 179-183.	1.2	23
65	Dimers of acetic acid in helium nanodroplets. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 13950-13958.	1.3	23
66	Quantized momentum mechanics of inelastic and reactive collisions: the role of energy and angular momentum constraints. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1998, 31, 4267-4282.	0.6	22
67	Substrate-induced shifts and screening in the fluorescence spectra of supramolecular adsorbed organic monolayers. <i>Journal of Chemical Physics</i> , 2018, 149, 054701.	1.2	22
68	Response to "Comment on 'Improving protein circular dichroism calculations in the far-ultraviolet through reparameterizing the amide chromophore'". <i>J. Chem. Phys.</i> 111, 2844 (1999)]. <i>Journal of Chemical Physics</i> , 1999, 111, 2846-2847.	1.2	21
69	Computation of molecular Hartree-Fock Wigner intracules. <i>Journal of Chemical Physics</i> , 2003, 118, 2033-2038.	1.2	21
70	Modelling excited states of weakly bound complexes with density functional theory. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 14455-14462.	1.3	21
71	Probing Elusive Cations: Infrared Spectroscopy of Protonated Acetic Acid. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2108-2112.	2.1	21
72	Computation and analysis of molecular Hartree-Fock momentum intracules. <i>Molecular Physics</i> , 2002, 100, 1763-1770.	0.8	20

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73	A theoretical study of the near edge X-ray absorption fine structure of amino acids and proteins. <i>Chemical Physics Letters</i> , 2011, 501, 540-546.	1.2	20
74	Rapid anharmonic vibrational corrections derived from partial Hessian analysis. <i>Journal of Chemical Physics</i> , 2012, 136, 224102.	1.2	20
75	Simulation of Two-Dimensional Infrared Spectroscopy of Peptides Using Localized Normal Modes. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 1905-1918.	2.3	20
76	Atomic and molecular intracules for excited states. <i>Journal of Chemical Physics</i> , 2004, 120, 7290-7297.	1.2	19
77	Theoretical study of the electronic spectroscopy of CO adsorbed on Pt(111). <i>Journal of Chemical Physics</i> , 2005, 122, 184706.	1.2	19
78	Empirical density functional and the adsorption of organic molecules on Si(100). <i>Physical Review B</i> , 2003, 67, .	1.1	18
79	Zinc 1s Valence-to-Core X-ray Emission Spectroscopy of Halozincate Complexes. <i>Journal of Physical Chemistry A</i> , 2019, 123, 9552-9559.	1.1	18
80	Dynamical angular momentum models for rotational transfer in polyatomic molecules. <i>Journal of Chemical Physics</i> , 1995, 102, 7945-7952.	1.2	17
81	Calculating the Fluorescence of 5-Hydroxytryptophan in Proteins. <i>Journal of Physical Chemistry B</i> , 2009, 113, 14521-14528.	1.2	17
82	Infrared Spectroscopy of NaCl(CH ₃ OH) _n Complexes in Helium Nanodroplets. <i>Journal of Physical Chemistry A</i> , 2016, 120, 8085-8092.	1.1	17
83	Modeling the Infrared and Circular Dichroism Spectroscopy of a Bridged Cyclic Diamide. <i>Journal of Physical Chemistry B</i> , 2011, 115, 5526-5535.	1.2	16
84	Water order profiles on phospholipid/cholesterol membrane bilayer surfaces. <i>Journal of Computational Chemistry</i> , 2011, 32, 2613-2618.	1.5	16
85	Quantum chemical calculations of tryptophan heme electron and excitation energy transfer rates in myoglobin. <i>Journal of Computational Chemistry</i> , 2017, 38, 1495-1502.	1.5	16
86	A QM/MM study of the nature of the entatic state in plastocyanin. <i>Journal of Computational Chemistry</i> , 2017, 38, 1431-1437.	1.5	16
87	NEXAFS spectroscopy of ionic liquids: experiments versus calculations. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 31156-31167.	1.3	16
88	Improving the predictive quality of time-dependent density functional theory calculations of the X-ray emission spectroscopy of organic molecules. <i>Journal of Computational Chemistry</i> , 2020, 41, 1081-1090.	1.5	16
89	Theoretical simulation of the spectroscopy and dynamics of a red copper protein. <i>Faraday Discussions</i> , 2011, 148, 55-70.	1.6	15
90	Can density functional theory describe the NO(X ² Î)–Ar and NO(A ² Î+)–Ar van der Waals complexes?. <i>Journal of Chemical Physics</i> , 2012, 136, 244313.	1.2	15

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91	Computing protein infrared spectroscopy with quantum chemistry. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2007, 365, 2799-2812.	1.6	14
92	Calculating singlet excited states: Comparison with fast time-resolved infrared spectroscopy of coumarins. <i>Journal of Chemical Physics</i> , 2015, 142, 154119.	1.2	14
93	Simulation of Ultra-Fast Dynamics Effects in Resonant Inelastic X-ray Scattering of Gas-Phase Water. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 2586-2595.	2.3	14
94	Infrared spectroscopy of a small ion solvated by helium: OH stretching region of He$\langle i \rangle N \langle /i \rangle \hat{=} \text{HOCO}^+$. <i>Journal of Chemical Physics</i> , 2019, 151, 194307.	1.2	14
95	A systematic shift in the electronic spectra of substituted benzene molecules trapped in helium nanodroplets. <i>Journal of Chemical Physics</i> , 2005, 123, 021102.	1.2	13
96	Photoionization of the iodine 3d, 4s, and 4p orbitals in methyl iodide. <i>Journal of Chemical Physics</i> , 2018, 149, 144302.	1.2	13
97	Hydrogen bonding in protein circular dichroism calculations. <i>Computational and Theoretical Chemistry</i> , 2000, 506, 161-167.	1.5	12
98	Calculation of the vibrational frequencies of carbon clusters and fullerenes with empirical potentials. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 3898-3908.	1.3	12
99	An empirical force field for the simulation of the vibrational spectroscopy of carbon nanomaterials. <i>Carbon</i> , 2017, 113, 299-308.	5.4	12
100	The growth and fluorescence of phthalocyanine monolayers, thin films and multilayers on hexagonal boron nitride. <i>Chemical Communications</i> , 2018, 54, 12021-12024.	2.2	12
101	Density functional theory study of the near edge X-ray absorption fine structure and infrared spectroscopy of acetylene and benzene on group IV semiconductor surfaces. <i>Surface Science</i> , 2009, 603, 158-164.	0.8	11
102	Auger electron angular distributions following excitation or ionization of the I 3d level in methyl iodide. <i>Journal of Chemical Physics</i> , 2018, 149, 094304.	1.2	11
103	Quantum Chemical Characterization and Design of Quantum Dots for Sensing Applications. <i>Journal of Physical Chemistry A</i> , 2022, 126, 2899-2908.	1.1	11
104	Wigner intracule for the Kellner helium-like ions. <i>International Journal of Quantum Chemistry</i> , 2004, 100, 166-171.	1.0	10
105	Application of Wigner and Husimi intracule based electron correlation models to excited states. <i>Journal of Chemical Physics</i> , 2006, 125, 074104.	1.2	10
106	Accurate time-dependent density functional theory calculations of the near edge X-ray absorption fine structure of large systems. <i>Theoretical Chemistry Accounts</i> , 2012, 131, 1.	0.5	10
107	Density functional theory calculations of the non-resonant and resonant X-ray emission spectroscopy of carbon fullerenes and nanotubes. <i>Chemical Physics Letters</i> , 2018, 696, 119-124.	1.2	10
108	A scaled CIS(D) based method for the calculation of valence and core electron ionization energies. <i>Journal of Chemical Physics</i> , 2019, 151, 034104.	1.2	10

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109	Observation of Double Excitations in the Resonant Inelastic X-ray Scattering of Nitric Oxide. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 7476-7482.	2.1	10
110	Ab Initio Finite-Temperature Electronic Absorption Spectrum of Formamide. <i>Journal of Chemical Theory and Computation</i> , 2006, 2, 1598-1604.	2.3	9
111	Computational Study of the Structure and Electronic Circular Dichroism Spectroscopy of Blue Copper Proteins. <i>Journal of Physical Chemistry B</i> , 2013, 117, 8105-8112.	1.2	9
112	The structure and bonding of mixed component radical cation clusters. <i>Chemical Physics Letters</i> , 2014, 601, 110-115.	1.2	9
113	Reactivity of the O_2^+ and NO^+ cluster ions in the D-region of the ionosphere. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 25931-25938.	1.3	9
114	A combined time-resolved infrared and density functional theory study of the lowest excited states of 9-fluorenone and 2-naphthaldehyde. <i>Chemical Physics</i> , 2018, 512, 44-52.	0.9	9
115	Spectroscopic and structural analysis of mixed carbon dioxide and fluorinated methane clusters. <i>Chemical Physics Letters</i> , 2015, 638, 191-195.	1.2	8
116	Simulation of the Raman spectroscopy of multi-layered carbon nanomaterials. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 28001-28010.	1.3	8
117	AIRBED: A Simplified Density Functional Theory Model for Physisorption on Surfaces. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 5628-5634.	2.3	8
118	Photoionization of the 4d and valence orbitals of methyl iodide. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 155101.	0.6	8
119	Density Functional Theory Calculations of Core Electron Binding Energies at the K-Edge of Heavier Elements. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 3644-3651.	2.3	8
120	Computation of Husimi intracules. <i>Chemical Physics Letters</i> , 2005, 409, 63-69.	1.2	7
121	Theoretical Study of the Electronic Spectra of Small Molecules That Incorporate Analogues of the Copper-Cysteine Bond. <i>Journal of Physical Chemistry A</i> , 2012, 116, 8507-8514.	1.1	7
122	Time-dependent density functional theory study of the X-ray emission spectroscopy of amino acids and proteins. <i>Chemical Physics Letters</i> , 2020, 757, 137860.	1.2	7
123	Photoabsorption, photoionization, and Auger processes at the carbon K edge in CH ₃ I. <i>Physical Review A</i> , 2020, 101, .	1.0	7
124	Metastable Aluminum Atoms Floating on the Surface of Helium Nanodroplets. <i>Physical Review Letters</i> , 2015, 114, 233401.	2.9	6
125	Quantum chemical study of the structure, spectroscopy and reactivity of $NO + (H_2O)_n$ clusters. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170152.	1.6	6
126	The impact of sulfur functionalisation on nitrogen-based ionic liquid cations. <i>Chemical Communications</i> , 2018, 54, 11403-11406.	2.2	6

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127	Probing the electronic structure of ether functionalised ionic liquids using X-ray photoelectron spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 1624-1631.	1.3	5
128	Vibrational Analysis of Carbon Nanotube-Based Nanomechanical Resonators. <i>Journal of Physical Chemistry C</i> , 2020, 124, 16714-16721.	1.5	4
129	Simulation of vibrationally resolved absorption spectra of neutral and cationic polyaromatic hydrocarbons. <i>Theoretical Chemistry Accounts</i> , 2020, 139, 1.	0.5	4
130	Interaction of the NO $3p\pi$ Rydberg state with Ar: Potential energy surfaces and spectroscopy. <i>Journal of Chemical Physics</i> , 2013, 138, 214313.	1.2	3
131	Interaction of the NO $3p\pi$ ($C_{\infty v}$) Rydberg state with RG (RG = Ne, Kr, and Xe): Potential energy surfaces and spectroscopy. <i>Journal of Chemical Physics</i> , 2015, 142, 034311.	1.2	3
132	Electronically excited state geometries and vibrational frequencies calculated using the algebraic diagrammatic construction scheme for the polarization propagator. <i>Chemical Physics Letters</i> , 2019, 726, 62-68.	1.2	3
133	Influence of molecular design on radical spin multiplicity: characterisation of BODIPY dyad and triad radical anions. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 4429-4438.	1.3	2
134	Q-Chem 2.0: a high-performance ab initio electronic structure program package. , 2000, 21, 1532.		2
135	Theoretical studies of electronically excited states. , 2014, , .		1
136	Quantitative protein circular dichroism calculations. <i>Special Publication - Royal Society of Chemistry</i> , 0, , 20-30.	0.0	0