Bing

List of Publications by Year in Descending Order

73 papers	329 citations	9 h-index	13 g-index
75 ext. papers	387 ext. citations	2.4 avg, IF	3.17 L-index

#	Paper	IF	Citations
73	nnConfiguration interaction study on excited electronic states and radiative lifetimes of SnI including spin-orbit coupling. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2022**, 108118	2.1	
72	Spectroscopy and laser cooling of SiBr: A computational perspective.. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2022**, 273, 121042	4.4	0
71	Extensive spin□orbit multi-reference study on low-lying electronic states of HgI. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2021**, 277, 107993	2.1	
70	Theoretical study on the electronic structure of NaS including spin-orbit coupling. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2021**, 262, 107520	2.1	
69	Spectroscopic constants and transition properties of the SnH molecule: An all-electron MRCI calculation. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2021**, 266, 107593	2.1	0
68	A revisited study of the low-lying electronic states of HF molecule. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2021**, 271, 107737	2.1	0
67	Electronic structure and spectroscopy of low-lying electronic states for SH+: MRCI-F12 study including spin-orbit coupling. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2021**, 267, 107624	2.1	0
66	Exploring the excited states of the GeH radical cation including spin-orbit interaction: A revisited study. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 247, 119147	4.4	1
65	Spectroscopic properties and spin-orbit coupling of electronic excited states of the germanium dimer. *Physical Chemistry Chemical Physics*, **2021**, 23, 1103-1113	3.6	0
64	Linear group 13 E[triple bond, length as m-dash]E triple bonds. *Physical Chemistry Chemical Physics*, **2021**, 23, 11611-11615	3.6	1
63	Predissociation resonances and accurate calculations of dication HF.. *RSC Advances*, **2021**, 11, 9600-9607	3.7	1
62	Low-lying electronic states in thallium hydride with multireference configuration interaction calculation. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2021**, 270, 107667	2.1	0
61	Theoretical study on predissociation of B□ of sulfur dimer. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 241, 118679	4.4	2
60	Electronic structure and spectroscopy of the low-lying electronic states of thallium fluoride: MRCI□+□Q study including spin-orbit coupling. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2020**, 243, 106817	2.1	2
59	MRCI+Q study on the electronic structure and spectroscopy of the low-lying electronic states of HgBr including spin-orbit coupling. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2020**, 256, 107303	2.1	2
58	Laser-cooling with an intermediate electronic state: Theoretical prediction on bismuth hydride. *Journal of Chemical Physics*, **2019**, 150, 224305	3.9	8
57	Laser cooling of the SiO+ molecular ion: A theoretical contribution. *Chemical Physics*, **2019**, 525, 110412	2.3	8

56	Spin-orbit coupling in low-lying electronic states of mercury hydride. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2019**, 229, 120-129	2.1	2
55	Cl-Loss dynamics in the dissociative photoionization of CFCl with threshold photoelectron-photoion coincidence imaging. *Physical Chemistry Chemical Physics*, **2018**, 20, 4917-4925	3.6	8
54	Accurate spectroscopic constants of the lowest three electronic states in halonitrenes with multireference configuration interaction. *International Journal of Quantum Chemistry*, **2018**, 118, e25649	2.1	1
53	Electronic structures and spectroscopic properties of CdI: MRCI+Q study including spin-orbit coupling. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2018**, 205, 71-79	2.1	2
52	Configuration interaction calculations on the spectroscopic and transition properties of magnesium chloride. *Chinese Physics B*, **2018**, 27, 083101	1.2	1
51	High-Order harmonic generation of aligned acetylene in elliptically polarized strong laser fields *Chinese Journal of Chemical Physics*, **2018**, 31, 471-476	0.9	4
50	Spin-orbit calculations on the ground and excited electronic states of CdBr molecule. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2018**, 221, 110-117	2.1	2
49	Laser cooling of thallium chloride: A theoretical investigation. *Journal of Chemical Physics*, **2018**, 149, 094306	3.9	15
48	Configuration interaction study on the low-lying electronic states of strontium hydride cation including spin-orbit coupling. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2017**, 180, 29-36	4.4	3
47	Exploring the structure and photodissociation mechanism of the electronic states of iodocarbene, CHI: a theoretical contribution. *Physical Chemistry Chemical Physics*, **2017**, 19, 17735-17744	3.6	3
46	Dissociative ionization and Coulomb explosion of CH3I in intense femto second laser fields. *European Physical Journal D*, **2017**, 71, 1	1.3	11
45	Multiorbital effects in strong-field ionization and dissociation of aligned polar molecules CH3I and CH3Br. *Physical Review A*, **2017**, 96,	2.6	14
44	Theoretical study on the low-lying excited states of the phosphorus monoiodide (PI) including the spin orbit coupling. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2016**, 168, 66-77	2.1	15
43	Configuration interaction studies on the spectroscopic properties of PbO including spin orbit coupling. *Chinese Physics B*, **2016**, 25, 073101	1.2	0
42	Comparison of high-order-harmonic generation on single-layer graphene flakes with armchair and zigzag types in an intense laser field. *Physical Review A*, **2016**, 93,	2.6	3
41	Configuration Interaction Study on the AlBr Molecule Including Spin-Orbit Coupling. *Journal of Physical Chemistry A*, **2016**, 120, 8786-8793	2.8	4
40	Theoretical Study on the Spectroscopic Parameters and Transition Properties of MgH Radical Including Spin-orbit Coupling. *Chinese Physics Letters*, **2016**, 33, 063102	1.8	3
39	Planar tetracoordinate carbon species CLi3E with 12-valence-electrons. *Physical Chemistry Chemical Physics*, **2016**, 18, 4589-93	3.6	14

38	Stability and isomerization reactions of phenyl cation C6H5+ isomers. *Chemical Physics*, **2016**, 467, 13-20	2.3	2
37	Ab initio MRCI+Q calculations on the low-lying excited states of the MgBr radical including spin-orbit coupling. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2016**, 161, 101-8	4.4	4
36	Configuration interaction study on the ground and excited electronic states of the SrH molecule. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2016**, 170, 169-181	2.1	2
35	Accurate potential energy functions, non-adiabatic and spin-orbit couplings in the ZnH(+) system. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2016**, 156, 9-14	4.4	3
34	All-electron spin□orbit configuration interaction study on the valence and low-lying Rydberg electronic states of GeH. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2015**, 157, 42-53	2.1	9
33	Ab initio calculations on potential energy curves and radiative lifetimes for the band systems A(2)□X(2)□+) of magnesium monohalides MgX (X=F, Cl, Br, I). *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2015**, 150, 499-503	4.4	14
32	Accurate calculation of the potential energy curve and spectroscopic parameters of X 2 □+ state of 12 Mg 1 H. *Chinese Physics B*, **2015**, 24, 043401	1.2	1
31	Multireference configuration interaction study of dichlorocarbene. *Chemical Physics*, **2015**, 459, 54-58	2.3	2
30	Theoretical Study on the Excited Electronic States of CHCl: Application to Photodissociation at 193 nm. *Journal of Physical Chemistry A*, **2015**, 119, 10309-15	2.8	3
29	Exploring the geometrical structures of X□ BnHnm [(X, m) = (B, +1), (C, +2) for n = 5; (X, m) = (Be, 0), (B, +1) for n = 6] by an electronic method. *New Journal of Chemistry*, **2015**, 39, 8630-8637	3.6	3
28	Ab initio MRCI+Q study on the low-lying excited states of the PBr radical including spin□orbit coupling□ *Molecular Physics*, **2015**, 113, 3312-3324	1.7	9
27	Examination of Potential Energy Curves of CFCl by Multi-reference Configuration Interaction Method. *Chinese Physics Letters*, **2015**, 32, 123101	1.8	2
26	Ab initio study on the low-lying excited states of gas-phase PH(+) cation including spin-orbit coupling. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2015**, 142, 1-7	4.4	2
25	Spin□orbit all-electron configuration interaction study on the electronic structure and radiative lifetimes of low-lying excited states of CdH. *Chemical Physics Letters*, **2014**, 599, 51-56	2.5	9
24	Theoretical investigation of potential energy curves and radiative lifetimes of low-lying electronic states in GeH+ radical cation. *Chemical Physics Letters*, **2014**, 594, 6-12	2.5	8
23	All-electron relativistic multireference configuration interaction investigation of fluoroiodo carbene. *Journal of Physical Chemistry A*, **2014**, 118, 2447-52	2.8	7
22	Potential energy curves and lifetimes of low-lying excited electronic states of CSe studied by configuration interaction method. *Journal of Physical Chemistry A*, **2014**, 118, 2629-37	2.8	5
21	Multireference configuration interaction study on the potential energy curves and radiative lifetimes of low-lying excited states of CdH+ cation. *Chemical Physics*, **2014**, 443, 142-148	2.3	13

20	Ab initio CI calculations on potential energy curves of low-lying states of BrF and its cation including spin□rbit coupling. *Computational and Theoretical Chemistry*, **2014**, 1032, 20-26	2	4
19	Configuration interaction investigation including spin□rbit coupling effect for electronic states of IBr and its cation. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2014**, 133, 271-280	2.1	8
18	Spectroscopic properties and radiative lifetimes of SiTe: A high-level multireference configuration interaction investigation. *Chinese Physics B*, **2014**, 23, 053101	1.2	3
17	Geometries, vibrational frequencies, and excitation energies of a series of fluorine-substituted carbenes, FCX (X = H, F, Cl, Br, and I): A high-level multireference configuration interaction study. *International Journal of Quantum Chemistry*, **2014**, 114, 66-73	2.1	6
16	Dissociation of internal energy-selected methyl bromide ion revealed from threshold photoelectron-photoion coincidence velocity imaging. *Journal of Chemical Physics*, **2014**, 140, 044312	3.9	9
15	Ab initio MRCI+Q Investigations of Spectroscopic Properties of Several Low-lying Electronic States of S2+Cation. *Bulletin of the Korean Chemical Society*, **2014**, 35, 1397-1402	1.2	
14	Multi-reference configuration-interaction calculations on multiply charged ions of carbon monosulfide. *Chinese Physics B*, **2013**, 22, 023103	1.2	4
13	Ab initio MRCI+Q study on low-lying states of CS including spin-orbit coupling. *Journal of Physical Chemistry A*, **2013**, 117, 2373-82	2.8	19
12	Ab initio study on the potential energy surfaces of NCO2+. *Chemical Physics Letters*, **2013**, 577, 22-26	2.5	4
11	Analysis of Potential Energy Surface for Butanone Isomerization. *Chinese Journal of Chemical Physics*, **2013**, 26, 519-525	0.9	3
10	Ab initio MRCI + Q study on potential energy curves and spectroscopic parameters of low-lying electronic states of CS +. *Chinese Physics B*, **2013**, 22, 123103	1.2	7
9	Multireference calculations on low-lying states and the X3□u3□gabsorption spectra of indium dimers. *Chinese Physics B*, **2013**, 22, 043102	1.2	2
8	An ab initio investigation of fluorobromo carbene. *Journal of Physical Chemistry A*, **2012**, 116, 10435-40	2.8	7
7	Potential energy curves crossing and low-energy charge transfer dynamics in (BeH2O)2+ complex. *Science China: Physics, Mechanics and Astronomy*, **2012**, 55, 1258-1262	3.6	
6	Theoretical study of potential energy curves, spectroscopic constants, and radiative lifetimes of low-lying states in an SeO molecule. *Chinese Physics B*, **2012**, 21, 123102	1.2	3
5	B 3 □u □X 3 □g transition in selenium dimer: ab initio multireference configuration interaction calculations. *Chinese Physics B*, **2011**, 20, 043101	1.2	5
4	Multireference calculation of lifetime of A 2 □u state in nitrogen-molecule cation. *Chinese Physics B* , **2010**, 19, 033303	1.2	4
3	A theoretical study of the reaction of La+ with N2O in the gas phase. *Computational and Theoretical Chemistry*, **2010**, 944, 89-96		3

2	(Cyclopentadienyl)nitrosylmanganese Compounds: The Original Molecules Containing Bridging Nitrosyl Groups. *European Journal of Inorganic Chemistry*, **2009**, 2009, 3982-3992	2.3	3
1	Classical dynamics of 3D Hydrogen molecular ion in intense laser fields. *Journal of Mathematical Chemistry*, **2008**, 43, 1052-1068	2.1	6