Hailing Wang

List of Publications by Year
in descending order

24	167	1163117 8	1125743 13
papers	citations	h-index	g-index

25	25	25	206
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High resolution spectroscopic measurement of 130Te2: Reference lines near 444.4Ânm for eEDM experiment using PbF molecules. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 270, 120754.	3.9	1
2	Theoretical study of the measurement of electric field strength based on the pendular spectra of linear (HCCCN)n (nâ€‰=â€‰1â^'3) molecules. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 2881.	2.1	0
3	Laser-cooled HgF as a promising candidate to measure the electric dipole moment of the electron. Physical Review A, 2019, 99, .	2.5	12
4	Re-investigation of the (3, 0) band in the b4Î£â^' - a4Î system for nitric oxide by laser absorption spectroscopy. Journal of Molecular Spectroscopy, 2018, 346, 1-3.	1.2	1
5	Hyperfine structure of atomic fluorine (F I). Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 205, 1-6.	2.3	4
6	Hyperfine structure investigations in atomic iodine. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 217, 229-234.	2.3	4
7	Hyperfine structure constants of atomic bromine (Br I). Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 196, 165-168.	2.3	5
8	Absorption spectra and isotope shifts of the (2, 0), (3, 1), and (8, 5) bands of the ${{m{A}}}^{2}{{m{Pi }}}_{{m{u}}}unicode{x2013}{{m{X}}}^{2}{{oldsymbol{Sigma }}}_{g}^{+}$ system of ${}^{15}{m{N}}_{2}^{+}$ in near infrared. Chinese Physics B, 2017, 26, 103102.	1.4	0
9	Dependences of Q-branch integrated intensity of linear-molecule pendular spectra on electric-field strength and rotational temperature and its potential applications. Scientific Reports, 2016, 6, 26776.	3.3	1
10	A HIGH-RESOLUTION VACUUM ULTRAVIOLET LASER PHOTOIONIZATION AND PHOTOELECTRON STUDY OF THE CO ATOM. Astrophysical Journal, 2016, 833, 205.	4.5	2
11	The electric dipole moment of magnesium deuteride, MgD. Journal of Chemical Physics, 2014, 140, 224308.	3.0	5
12	Generation of a dark hollow beam by a nonlinear ZnSe crystal and its propagation properties in free space: Theoretical analysis. Optics Communications, 2014, 322, 179-182.	2.1	16
13	High-resolution threshold photoelectron study of the propargyl radical by the vacuum ultraviolet laser velocity-map imaging method. Journal of Chemical Physics, 2011, 135, 224304.	3.0	23
14	A vacuum-ultraviolet laser pulsed field ionization-photoelectron study of sulfur monoxide (SO) and its cation (SO+). Journal of Chemical Physics, 2011, 134, 144304.	3.0	13
15	High efficient and tunable edge emitting microlaser on photonic crystal slab. , 2009, , .		0
16	The permanent electric dipole moments of cobalt monofluoride, CoF, and monohydride, CoH. Journal of Chemical Physics, 2009, 131, 114315.	3.0	17
17	The Permanent Electric Dipole Moments and Magnetic g_e-Factors of Praseodymium Monoxide (PrO). Journal of Physical Chemistry A, 2009, 113, 13372-13378.	2.5	8
18	Characterization of the Xìƒâ€‰1A1 and Ãƒâ€‰1B2 electronic states of titanium dioxide, TiO2. Physical Chemistry Chemical Physics, 2009, 11, 2649.	2.8	21

#	Article	IF	Citations
19	e structure and Zeeman tuning of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>A</mml:mi><mml:mtext>â€‰</mml:mtext><mml:mmultiscripts><mml:mi>Î</mml:mi><mml:none /><mml:mn>2</mml:mn></mml:mmultiscripts><mml:mtext>â^'</mml:mtext><mml:mi>X</mml:mi><mml:mtext>â€‰</mml:mtext><mml:none />	2.5	4
20	The permanent electric dipole moments and magnetic ge factors of neodymium monoxide. Journal of Chemical Physics, 2008, 129, 124310.	3.0	10
21	The Zeeman effect in the (0,0) band of the Aâ€‰Î7â^'Xâ€‰Î£7+ transition of manganese monohydride, MnH. Journal of Chemical Physics, 2008, 129, 164318.	3.0	4
22	Molecular beam optical Stark study of rhodium mononitride. Journal of Chemical Physics, 2007, 126, 244312.	3.0	7
23	Molecular beam optical Stark study of the [18.1]Î1â^•22-XÎ£1â^•2â^'4 band system of rhodium monosulfide. Journal of Chemical Physics, 2007, 127, 124311.	3.0	3
24	Permanent electric dipole moment of molybdenum carbide. Journal of Chemical Physics, 2007, 127, 124302.	3.0	5