

Hailing Wang

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

167
citations

1163117

8
h-index

1125743

13
g-index

25
all docs

25
docs citations

25
times ranked

206
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Characterization of the \tilde{X}^1A_1 and \tilde{A}^1B_2 electronic states of titanium dioxide, TiO ₂ . Physical Chemistry Chemical Physics, 2009, 11, 2649.	2.8	21
3	The permanent electric dipole moments of cobalt monofluoride, CoF, and monohydride, CoH. Journal of Chemical Physics, 2009, 131, 114315.	3.0	17
4	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
5	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
6	Laser-cooled HgF as a promising candidate to measure the electric dipole moment of the electron. Physical Review A, 2019, 99, .	2.5	12
7	The permanent electric dipole moments and magnetic ge factors of neodymium monoxide. Journal of Chemical Physics, 2008, 129, 124310.	3.0	10
8	The Permanent Electric Dipole Moments and Magnetic <i>g</i> -Factors of Praseodymium Monoxide (PrO). Journal of Physical Chemistry A, 2009, 113, 13372-13378.	2.5	8
9	Molecular beam optical Stark study of rhodium mononitride. Journal of Chemical Physics, 2007, 126, 244312.	3.0	7
10	Permanent electric dipole moment of molybdenum carbide. Journal of Chemical Physics, 2007, 127, 124302.	3.0	5
11	The electric dipole moment of magnesium deuteride, MgD. Journal of Chemical Physics, 2014, 140, 224308.	3.0	5
12	Hyperfine structure constants of atomic bromine (Br I). Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 196, 165-168.	2.3	5
13	The Zeeman effect in the (0,0) band of the $A^7\tilde{X}^7+$ transition of manganese monohydride, MnH. Journal of Chemical Physics, 2008, 129, 164318.	3.0	4
14	Hyperfine structure and Zeeman tuning of the $A^1\Sigma^+$ transition of manganese monohydride, MnH. Journal of Chemical Physics, 2008, 129, 164318.	2.5	4
15	Hyperfine structure of atomic fluorine (F I). Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 205, 1-6.	2.3	4
16	Hyperfine structure investigations in atomic iodine. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 217, 229-234.	2.3	4
17	Molecular beam optical Stark study of the [18.1] $\tilde{I}^1\tilde{A}^2-\tilde{X}^1\tilde{A}^2$ band system of rhodium monosulfide. Journal of Chemical Physics, 2007, 127, 124311.	3.0	3
18	A HIGH-RESOLUTION VACUUM ULTRAVIOLET LASER PHOTOIONIZATION AND PHOTOELECTRON STUDY OF THE CO ATOM. Astrophysical Journal, 2016, 833, 205.	4.5	2

#	ARTICLE	IF	CITATIONS
19	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
20	Re-investigation of the (3, 0) band in the $b_4^1 \Sigma^+ - a_4^1 \Sigma^+$ system for nitric oxide by laser absorption spectroscopy. Journal of Molecular Spectroscopy, 2018, 346, 1-3.	1.2	1
21	High resolution spectroscopic measurement of $^{130}\text{Te}_2$: Reference lines near 444.4 nm for eEDM experiment using PbF molecules. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 270, 120754.	3.9	1
22	High efficient and tunable edge emitting microlaser on photonic crystal slab. , 2009, , .		0
23	Absorption spectra and isotope shifts of the (2, 0), (3, 1), and (8, 5) bands of the $\{m\{A\}\}^2\{m\{Pi\}\}_{\{m\{u\}\}}\{m\{X\}\}^2\{\text{oldsymbol}\{\Sigma\}\}_{\{m\{g\}\}^+}$ system of $\{m\{N\}\}_{\{m\{N\}\}^2\}^+$ in near infrared. Chinese Physics B, 2017, 26, 103102.	1.4	0
24	Theoretical study of the measurement of electric field strength based on the pendular spectra of linear (HCCCN) $_n$ ($n \in \{1, 2, 3\}$) molecules. Journal of the Optical Society of America B: Optical Physics, 2021, 2.1 38, 2881.		0