

Zhonghua Ji

List of Publications by Year in descending order

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papers

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1478505

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544
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of Ultracold RbCs Molecules in the $(2)0^+$ long-range state below the $\text{Rb}(5S_{1/2}) + \text{Cs}(6P_{1/2})$ asymptote by high resolution photoassociation spectroscopy. Journal of Chemical Physics, 2015, 143, 224312.	7.8	369
2	Photoassociative formation of ultracold RbCs molecules in the $(2)0^+$ long-range state below the $\text{Rb}(5S_{1/2}) + \text{Cs}(6P_{1/2})$ asymptote by high resolution photoassociation spectroscopy. Journal of Chemical Physics, 2015, 143, 044311.	2.5	95
3	A dynamical process of optically trapped singlet ground state $^{85}\text{Rb}^{133}\text{Cs}$ molecules produced via short-range photoassociation. Physical Chemistry Chemical Physics, 2018, 20, 4893-4900.	2.8	8
4	Experimental study of the $(4)0^+$ short-range electronic state of the $^{85}\text{Rb}^{133}\text{Cs}$ molecule by high resolution photoassociation spectroscopy. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 184, 8-13.	2.3	6
5	Photoionization spectrum of $^{85}\text{RbCs}$ molecules produced by short range photoassociation. Journal of Quantitative Spectroscopy and Radiative Transfer, 2015, 166, 36-41.	2.3	5
6	Production of ultracold $^{85}\text{Rb}^{133}\text{Cs}$ molecules in the lowest ground state via the B_{11} short-range state. Journal of Chemical Physics, 2019, 151, 084303.	3.0	5
7	Microwave coherent control of ultracold ground-state molecules formed by short-range photoassociation. Physical Chemistry Chemical Physics, 2020, 22, 13002-13007.	2.8	5
8	Microwave spectroscopy measurement of ultracold ground state molecules produced via short-range photoassociation. Optics Express, 2018, 26, 2341.	3.4	4
9	Observation of ladder-type electromagnetically induced transparency with atomic optical lattices near a nanofiber. New Journal of Physics, 2019, 21, 043053.	2.9	4
10	A simple, low cost and robust method for measurement of the zero-crossing temperature of an ultralow expansion cavity. Journal Physics D: Applied Physics, 2019, 52, 455104.	2.8	4
11	Detection of Ultracold Ground-State Molecules by One- and Two-Color Resonance-Enhanced Two-Photon Ionization. Journal of the Physical Society of Japan, 2016, 85, 084301.	1.6	3
12	Measurement of Energy Level Shift of Ultracold Cesium Atoms by Raman Pump-Probe Spectroscopy. Journal of the Physical Society of Japan, 2012, 81, 104301.	1.6	3
13	Nonlinear selective reflection spectroscopy of V-type atomic system at the gas-solid interface. Annalen Der Physik, 2016, 528, 512-518.	2.4	2
14	Resonance enhanced two-photon ionization spectrum of ultracold $^{85}\text{Rb}^{133}\text{Cs}$ molecules in $(2)1^+1^+$ transitions. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 254, 107215.	2.3	2
15	Observation of V-type electromagnetically induced transparency and optical switch in cold Cs atoms by using nanofiber optical lattice. Chinese Physics B, 2022, 31, 064216.	1.4	2

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19	Line Shape Analysis of Ultracold Heteronuclear Molecular Photoassociation Spectroscopy by Resonance-Enhanced Two-Photon Ionization. Journal of the Physical Society of Japan, 2013, 82, 084301.	1.6	1
20	Pump-probe and Four-wave Mixing Spectra Arising from Recoil-induced Resonance in an Operating Cesium Magneto-Optical Trap. Journal of the Physical Society of Japan, 2018, 87, 024301.	1.6	1
21	Extensive high-resolution photoassociation spectra and perturbation analysis of the $2^2\Sigma^+$ long-range state of ultracold RbCs molecules. Physical Review A, 2019, 99, .	2.8	1
22	Measurement of the permanent electric dipole moment of ultracold ground state $85\text{Rb}133\text{Cs}$ molecules by microwave coherent spectroscopy. Optics Express, 2021, 29, 1558.	3.4	1
23	Microwave-assisted coherent control of ultracold polar molecules in a ladder-type configuration of rotational states. Physical Chemistry Chemical Physics, 2021, 23, 4271-4276.	2.8	1
24	Tunable Laser Frequency Lock Based on Temperature-Dependent Fabry-Perot Etalon. Applied Optics, 0, , .	1.8	0