

Eryin Feng

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

165
citations

1307594

7
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of CO with Kr: Potential energy surface and bound states. Journal of Chemical Physics, 2007, 127, 174301.	3.0	34
2	Penta-MX ₂ (M = Ni, Pd and Pt; X = P and As) monolayers: direct band-gap semiconductors with high carrier mobility. Journal of Materials Chemistry C, 2019, 7, 3569-3575.	5.5	34
3	Two-Dimensional Be ₂ C with Octacoordinate Carbons and Negative Poisson's Ratio. Journal of Physical Chemistry C, 2018, 122, 7959-7967.	3.1	25
4	<i>Ab initio</i> potential energy surface and bound states for the Kr-OCS complex. Journal of Chemical Physics, 2011, 135, 124301.	3.0	15
5	Rovibrational structure of the Xe-CO complex based on a new three-dimensional <i>ab initio</i> potential. Journal of Chemical Physics, 2009, 130, 124311.	3.0	12
6	A four-dimensional potential energy surface for the Ar-D ₂ O van der Waals complex: Bending normal coordinate dependence. Journal of Chemical Physics, 2015, 142, 224307.	3.0	10
7	A three-dimensional potential energy surface and infrared spectra for the Kr-OCS van der Waals complex. Chemical Physics Letters, 2012, 549, 12-16.	2.6	9
8	A new potential energy surface and microwave and infrared spectra of the He-OCS complex. Journal of Chemical Physics, 2014, 141, 174308.	3.0	6
9	A three-dimensional potential energy surface and predicted infrared spectra for Kr-N ₂ O in the ν_1 stretching region of N ₂ O. Molecular Physics, 2013, 111, 771-777.	1.7	5
10	An accurate three-dimensional potential energy surface for the He-Na ₂ complex. Science in China Series B: Chemistry, 2008, 51, 539-544.	0.8	4
11	Low energy collisions of CN(X ² Σ^+) with He in magnetic fields. Journal of Chemical Physics, 2012, 136, 054302.	3.0	4
12	Theoretical investigation of laser cooling for BN ⁻ anion by <i>ab initio</i> calculation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 255, 119670.	3.9	3
13	A four-dimensional potential energy surface and predicted infrared spectra for the Ne-D ₂ O van der Waals complex in the $\hat{\nu}_2$ bending region of D ₂ O molecule. Chemical Physics Letters, 2016, 665, 71-75.	2.6	2
14	A new potential energy surface and microwave and infrared spectra of the Kr-D ₂ O complex. Chemical Physics Letters, 2017, 685, 9-15.	2.6	2