

Yuchen Zhang

List of Publications by Year in descending order

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10
papers

85
citations

1684188

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1474206

9
g-index

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all docs

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docs citations

10
times ranked

43
citing authors

#	ARTICLE	IF	CITATIONS
1	Excited states of lutetium oxide and its singly charged cation. <i>Journal of Chemical Physics</i> , 2022, 156, 084303.	3.0	2
2	Threshold Ionization Spectroscopy and Theoretical Calculations of LnO (Ln = La and Ce). <i>Journal of Physical Chemistry A</i> , 2021, 125, 1941-1948.	2.5	9
3	Vibronic transitions and spin-orbit coupling of three-membered metallacycles formed by lanthanide-mediated dehydrogenation of dimethylamine. <i>Journal of Chemical Physics</i> , 2021, 155, 034302.	3.0	3
4	Spectroscopic and computational characterization of lanthanide-mediated N-H and C-H bond activation of methylamine. <i>Journal of Chemical Physics</i> , 2020, 153, 064304.	3.0	7
5	Spin-orbit coupling and vibronic transitions of Ce(C ₃ H ₄) and Ce(C ₃ H ₆) formed by the Ce reaction with propene: Mass-analyzed threshold ionization and relativistic quantum computation. <i>Journal of Chemical Physics</i> , 2020, 152, 144304.	3.0	7
6	Spin-orbit coupling and vibronic transitions of two Ce(C ₄ H ₆) isomers probed by mass-analyzed threshold ionization and relativistic quantum computation. <i>Journal of Chemical Physics</i> , 2019, 151, 124307.	3.0	6
7	Mass-analyzed threshold ionization spectroscopy of lanthanide imide LnNH (Ln = La and Ce) radicals from N-H bond activation of ammonia. <i>Journal of Chemical Physics</i> , 2018, 149, 234301.	3.0	11
8	Spectroscopy and formation of lanthanum-hydrocarbon radicals formed by C-H and C-C bond activation of 1-pentene and 2-pentene. <i>Journal of Chemical Physics</i> , 2018, 149, 034303.	3.0	2
9	Spectroscopic Characterization of Lanthanum-Mediated Dehydrogenation and C-C Bond Coupling of Ethylene. <i>Journal of Physical Chemistry A</i> , 2016, 120, 4482-4489.	2.5	22
10	Threshold Ionization and Spin-Orbit Coupling of Ceracyclopropene Formed by Ethylene Dehydrogenation. <i>Journal of Physical Chemistry A</i> , 2016, 120, 6963-6969.	2.5	16