

Yuchen Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6355934/publications.pdf>

Version: 2024-02-01

10
papers

85
citations

1684188

5
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

43
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	Excited states of lutetium oxide and its singly charged cation. <i>Journal of Chemical Physics</i> , 2022, 156, 084303.	3.0	2