

Chi Hong Yuen

List of Publications by Year in descending order

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14
papers

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1307594

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#	ARTICLE	IF	CITATIONS
1	The Role of Ozone Vibrational Resonances in the Isotope Exchange Reaction $16\text{O}16\text{O} + 18\text{O} \hat{\rightarrow} 18\text{O}16\text{O} + 16\text{O}$: The Time-Dependent Picture. <i>Journal of Physical Chemistry A</i> , 2019, 123, 7733-7743.	2.5	29
2	Photoassociative production of ultracold heteronuclear YbLi molecules. <i>Physical Review A</i> , 2016, 94, .	2.5	27
3	Dissociative recombination of CH_2NH_2^+ : a crucial link with interstellar methanimine and Titan ammonia. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 659-664.	4.4	13
4	Dissociative electron recombination of NH_2CHOH^+ and implications for interstellar formamide abundance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1325-1331.	4.4	12
5	Electron-Induced Excitation, Recombination, and Dissociation of Molecular Ions Initiating the Formation of Complex Organic Molecules. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 2376-2389.	2.7	9
6	Simplified model to treat the electron attachment of complex molecules: Application to CN and the quest for the formation mechanism. <i>Physical Review A</i> , 2019, 99, .	2.5	9
7	Cross sections for vibronic excitation of CH by low-energy electron impact. <i>Physical Review A</i> , 2019, 100, .	2.5	9
8	Theoretical study of electron-induced vibrational excitation of NO_2 . <i>Plasma Sources Science and Technology</i> , 2019, 28, 105017.	3.1	5
9	Quantum tunneling isotope exchange reaction $\text{D}_2 + \text{H} \rightarrow \text{HD} + \text{D}$. <i>Physical Review A</i> , 2018, 97, .	2.5	5
10	Jahn-Teller effect in three-body recombination of hydrogen atoms. <i>Physical Review A</i> , 2020, 101, .	2.5	3
11	Theoretical study of resonances and recombination in low-energy collisions of three identical bosons. <i>European Physical Journal D</i> , 2017, 71, 1.	1.3	2
12	Theory of dissociative recombination of molecular ions with competing direct and indirect mechanisms applied to CH_2^+ . <i>Physical Review A</i> , 2021, 104, .	2.5	2
13	Vibrational excitation of N_2O by an electron impact and the role of the Renner-Teller effect in the process. <i>Physical Review A</i> , 2020, 102, .	2.5	1
14	Formation of negative-ion resonance and dissociative attachment in collisions of NO_2 with electrons. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 0, .	1.5	1