

# Chi Hong Yuen

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

125  
citations

1307594

7  
h-index

1281871

11  
g-index

17  
all docs

17  
docs citations

17  
times ranked

220  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theory of dissociative recombination of molecular ions with competing direct and indirect mechanisms applied to $\text{CH}^+$ . Physical Review A, 2021, 104, .	2.5	2
2	Vibrational excitation of N2O by an electron impact and the role of the Renner-Teller effect in the process. Physical Review A, 2020, 102, .	2.5	1
3	Jahn-Teller effect in three-body recombination of hydrogen atoms. Physical Review A, 2020, 101, .	2.5	3
4	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. Journal of Physical Chemistry A, 2019, 123, 7733-7743.	2.5	29
5	Theoretical study of electron-induced vibrational excitation of $\text{NO}^+$ . Plasma Sources Science and Technology, 2019, 28, 105017.	3.1	5
6	Electron-Induced Excitation, Recombination, and Dissociation of Molecular Ions Initiating the Formation of Complex Organic Molecules. ACS Earth and Space Chemistry, 2019, 3, 2376-2389.	2.7	9
7	Dissociative electron recombination of $\text{NH}_2\text{CHOH}^+$ and implications for interstellar formamide abundance. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1325-1331.	4.4	12
8	Simplified model to treat the electron attachment of complex molecules: Application to $\text{H}_2\text{CN}$ and the quest for the $\text{CN}^+$ formation mechanism. Physical Review A, 2019, 99, .	2.5	9
9	Cross sections for vibronic excitation of $\text{CH}^+$ by low-energy electron impact. Physical Review A, 2019, 100, .	2.5	2
10	Dissociative recombination of $\text{CH}_2\text{NH}_2^+$ : a crucial link with interstellar methanimine and Titan ammonia. Monthly Notices of the Royal Astronomical Society, 2019, 484, 659-664.	4.4	13
11	Quantum-tunnelling isotope-exchange reaction $\text{H}_2\text{D}^+$ and $\text{HD}^+$ . Physical Review A, 2018, 97, .	2.5	9
12	Theoretical study of resonances and recombination in low-energy collisions of three identical bosons. European Physical Journal D, 2017, 71, 1.	1.3	2
13	Photoassociative production of ultracold heteronuclear $\text{YbLi}^*$ . Physical Review A, 2016, 94, .	2.5	2
14	Formation of negative-ion resonance and dissociative attachment in collisions of $\text{NO}_2$ with electrons. Journal of Physics B: Atomic, Molecular and Optical Physics, 0, , .	1.5	1