Wentao Chen

List of Publications by Year
in descending order

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12	284	1163117 8	1125743 13
papers	citations	h-index	g-index

13	13	13	216
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crossed Molecular Beam Study of the H + HD â†' H₂ + D Reaction at 0.60 and 1.26 eV Using the Near-Threshold Ionization Velocity Map Ion Imaging. Journal of Physical Chemistry A, 2022, 126, 4444-4450.	2.5	1
2	Vacuum ultraviolet photodissociation dynamics of OCS + hv â†' CO(¹Î£⁺) + S(¹S₀) via the E and F Rydberg states. Physical Chemistry Chemical Physics, 2021, 23, 5809-5816.	2.8	7
3	Quantum interference between spin-orbit split partial waves in the F + HD â†' HF + D reaction. Science, 2021, 371, 936-940.	12.6	17
4	Photodissociation Dynamics of OCS near 150 nm: The S(¹S_{J=0}) and S(³P_{J=2,1,0}) Product Channels. Journal of Physical Chemistry A, 2020, 124, 6420-6426.	2.5	10
5	Observation of the geometric phase effect in the H+HDâ†'H2+D reaction below the conical intersection. Nature Communications, 2020, 11, 3640.	12.8	30
6	Imaging the State-to-State Dynamics of the H + D₂ â†' HD + D Reaction at 1.42 eV. Journal of Physical Chemistry Letters, 2020, 11, 1222-1227.	4.6	8
7	Observation of the Carbon Elimination Channel in Vacuum Ultraviolet Photodissociation of OCS. Journal of Physical Chemistry Letters, 2019, 10, 4783-4787.	4.6	19
8	Vacuum ultraviolet photodissociation dynamics of CO2 near 133 nm: The spin-forbidden O(3Pj=2,1,0) + CO(X1Î£+) channel. Journal of Chemical Physics, 2019, 151, 214306.	3.0	13
9	Direct observation of forward-scattering oscillations in the H+HDâ†'H2+D reaction. Nature Chemistry, 2018, 10, 653-658.	13.6	46
10	Observation of the geometric phase effect in the H + HD â†' H ₂ + D reaction. Science, 2018, 362, 1289-1293.	12.6	99
11	Vacuum ultraviolet photodissociation dynamics of N2O via the C1Î state: The N(2Dj=5/2, 3/2) + NO(X2Î) product channels. Journal of Chemical Physics, 2018, 149, 104309.	3.0	9
12	VUV Photodissociation Dynamics of Nitrous Oxide: The O(¹S_{J=0}) and O(³P_{J=2,1,0}) Product Channels. Journal of Physical Chemistry A, 2015, 119, 8090-8096.	2.5	22