

Wentao Chen

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

284
citations

1163117

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1125743

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docs citations

13
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of the geometric phase effect in the $H + HD \hat{\rightarrow} H_2 + D$ reaction. <i>Science</i> , 2018, 362, 1289-1293.	12.6	99
2	Direct observation of forward-scattering oscillations in the $H+HD \hat{\rightarrow} H_2+D$ reaction. <i>Nature Chemistry</i> , 2018, 10, 653-658.	13.6	46
3	Observation of the geometric phase effect in the $H+HD \hat{\rightarrow} H_2+D$ reaction below the conical intersection. <i>Nature Communications</i> , 2020, 11, 3640.	12.8	30
4	VUV Photodissociation Dynamics of Nitrous Oxide: The $O(^1S_0)$ and $O(^3P_{j=2,1,0})$ Product Channels. <i>Journal of Physical Chemistry A</i> , 2015, 119, 8090-8096.	2.5	22
5	Observation of the Carbon Elimination Channel in Vacuum Ultraviolet Photodissociation of OCS. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4783-4787.	4.6	19
6	Quantum interference between spin-orbit split partial waves in the $F + HD \hat{\rightarrow} HF + D$ reaction. <i>Science</i> , 2021, 371, 936-940.	12.6	17
7	Vacuum ultraviolet photodissociation dynamics of CO_2 near 133 nm: The spin-forbidden $O(^3P_{j=2,1,0}) + CO(X^1\Sigma^+)$ channel. <i>Journal of Chemical Physics</i> , 2019, 151, 214306.	3.0	13
8	Photodissociation Dynamics of OCS near 150 nm: The $S(^1S_0)$ and $S(^3P_{j=2,1,0})$ Product Channels. <i>Journal of Physical Chemistry A</i> , 2020, 124, 6420-6426.	2.5	10
9	Vacuum ultraviolet photodissociation dynamics of N_2O via the $C^1\hat{\Sigma}$ state: The $N(2D_{j=5/2, 3/2}) + NO(X^2\hat{\Sigma})$ product channels. <i>Journal of Chemical Physics</i> , 2018, 149, 104309.	3.0	9
10	Imaging the State-to-State Dynamics of the $H + D_2 \hat{\rightarrow} HD + D$ Reaction at 1.42 eV. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1222-1227.	4.6	8
11	Vacuum ultraviolet photodissociation dynamics of $OCS + h\nu \hat{\rightarrow} CO(^1\Sigma^+) + S(^1S_0)$ via the E and F Rydberg states. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 5809-5816.	2.8	7
12	Crossed Molecular Beam Study of the $H + HD \hat{\rightarrow} H_2 + D$ Reaction at 0.60 and 1.26 eV Using the Near-Threshold Ionization Velocity Map Ion Imaging. <i>Journal of Physical Chemistry A</i> , 2022, 126, 4444-4450.	2.5	1