

Yongfa Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

105
citations

1684188

5
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	Product vibrational state distributions of F+CH ₃ OH reaction on full-dimensional accurate potential energy surface. Chinese Journal of Chemical Physics, 2022, 35, 153-166.	1.3	2
2	Assessing the applicability of the MBE approach for constructing potential energy surfaces of nitrogen clusters. Chemical Physics, 2021, 549, 111272.	1.9	1
3	Dissociative photodetachment of H ₃ O ⁺ : a full-dimensional quantum dynamics study. Physical Chemistry Chemical Physics, 2021, 23, 22298-22304.	2.8	2
4	Final-State-Resolved Dynamics of the H ₃ ⁺ + CO $\hat{\nu}$ H ₂ + HCO ⁺ /HOC ⁺ Reaction: A Quasi-Classical Trajectory Study. Journal of Physical Chemistry A, 2020, 124, 6794-6800.	2.5	5
5	Kinetic and dynamic studies of the H ₃ ⁺ + CO $\hat{\nu}$ H ₂ + HCO ⁺ /HOC ⁺ reaction on a high-level <i>ab initio</i> potential energy surface. Journal of Chemical Physics, 2019, 151, .	3.0	12
6	Thermal rate coefficients and kinetic isotope effects of the reaction HO ₂ + H ₂ O ⁺ $\hat{\nu}$ H ₂ O + OH. Theoretical Chemistry Accounts, 2019, 138, 1.	1.4	4
7	Theoretical study of the F(² P) + NH ₃ $\hat{\nu}$ HF + NH ₂ reaction on an accurate potential energy surface: dynamics and kinetics. Physical Chemistry Chemical Physics, 2019, 21, 11385-11394.	2.8	21
8	Mode-specific quantum dynamics and kinetics of the hydrogen abstraction reaction OH + H ₂ O $\hat{\nu}$ H ₂ O + OH. Physical Chemistry Chemical Physics, 2019, 21, 24054-24060.	2.8	6
9	Tracking the energy flow in the hydrogen exchange reaction OH + H ₂ O $\hat{\nu}$ H ₂ O + OH. Physical Chemistry Chemical Physics, 2018, 20, 12543-12556.	2.8	19
10	Mode specific dynamics in bond selective reaction O ^(3P) + HOD $\hat{\nu}$ O ^(3P) + OD/O ^(3P) + OH. Journal of Chemical Physics, 2018, 149, 054304.	3.0	8
11	Dynamics and kinetics of the reaction OH + H ₂ S $\hat{\nu}$ H ₂ O + SH on an accurate potential energy surface. Physical Chemistry Chemical Physics, 2018, 20, 26315-26324.	2.8	25