Yongfa Zhu

List of Publications by Year
in descending order

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	Dynamics and kinetics of the reaction OH + H₂S â†' H₂O + SH on an accurate potential energy surface. Physical Chemistry Chemical Physics, 2018, 20, 26315-26324.	2.8	25
2	Theoretical study of the F(²P) + NH₃â†' HF + NH₂reaction on an accurate potential energy surface: dynamics and kinetics. Physical Chemistry Chemical Physics, 2019, 21, 11385-11394.	2.8	21
3	Tracking the energy flow in the hydrogen exchange reaction OH + H₂O â†' H₂O + OH. Physical Chemistry Chemical Physics, 2018, 20, 12543-12556.	2.8	19
4	Kinetic and dynamic studies of the H3+ + CO â†' H2 + HCO+/HOC+ reaction on a high-level ab initio potential energy surface. Journal of Chemical Physics, 2019, 151, .	3.0	12
5	Mode specific dynamics in bond selective reaction Oâ€²(3P) + HOD â†' Oâ€²H + OD/Oâ€²D + OH. Journal of Chemical Physics, 2018, 149, 054304.	3.0	8
6	Mode-specific quantum dynamics and kinetics of the hydrogen abstraction reaction OH + H₂O â†' H₂O + OH. Physical Chemistry Chemical Physics, 2019, 21, 24054-24060.	2.8	6
7	Final-State-Resolved Dynamics of the H₃⁺ + CO â†' H₂ +HCO⁺/HOC⁺ Reaction: A Quasi-Classical Trajectory Study. Journal of Physical Chemistry A, 2020, 124, 6794-6800.	2.5	5
8	Thermal rate coefficients and kinetic isotope effects of the reaction HOâ€‰+â€‰H2Oâ€‰â†'â€‰H2Oâ€‰+â€‰OH. Theoretical Chemistry Accounts, 2019, 138, 1.	1.4	4
9	Dissociative photodetachment of H₃O₂^{â^'}: a full-dimensional quantum dynamics study. Physical Chemistry Chemical Physics, 2021, 23, 22298-22304.	2.8	2
10	Product vibrational state distributions of F+CH₃OH reaction on full-dimensional accurate potential energy surface. Chinese Journal of Chemical Physics, 2022, 35, 153-166.	1.3	2
11	Accessing the applicability of the MBE approach for constructing potential energy surfaces of nitrogen clusters. Chemical Physics, 2021, 549, 111272.	1.9	1