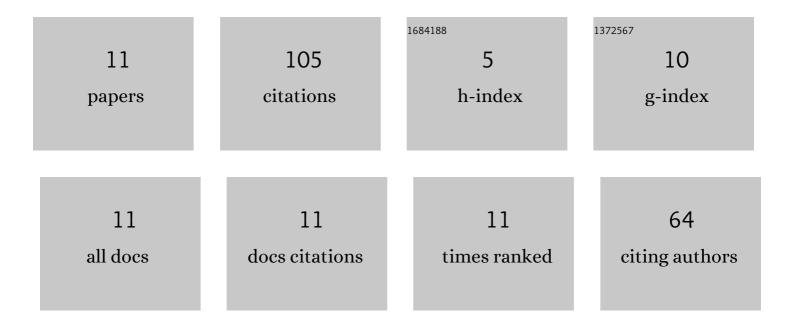
## Yongfa Zhu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6383546/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Product vibrational state distributions of F+CH <sub>3</sub> OH reaction on full-dimensional accurate potential energy surface. Chinese Journal of Chemical Physics, 2022, 35, 153-166.	1.3	2
2	Accessing 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 <sub>3</sub> O <sub>2</sub> <sup>â^'</sup> : 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 <sub>3</sub> <sup>+</sup> + CO → H <sub>2</sub> +HCO <sup>+</sup> /HOC <sup>+</sup> 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 H3+ + CO → H2 + 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 + H2O → H2O +a Chemistry Accounts, 2019, 138, 1.	â€% <sub>2</sub> OH. 1 1.4	heoretical
7	Theoretical study of the F( <sup>2</sup> P) + NH <sub>3</sub> → HF + NH <sub>2</sub> 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 <sub>2</sub> O → H <sub>2</sub> 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 <sub>2</sub> O → H <sub>2</sub> O + OH. Physical Chemistry Chemical Physics, 2018, 20, 12543-12556.	2.8	19
10	Mode specific dynamics in bond selective reaction O′(3P) + HOD → O′H + OD/O′D + OH. Journal of Che Physics, 2018, 149, 054304.	emical 3.0	8

Dynamics and kinetics of the reaction OH + H<sub>2</sub>S â†' H<sub>2</sub>O + SH on an accurate<br/>potential energy surface. Physical Chemistry Chemical Physics, 2018, 20, 26315-26324.2.825