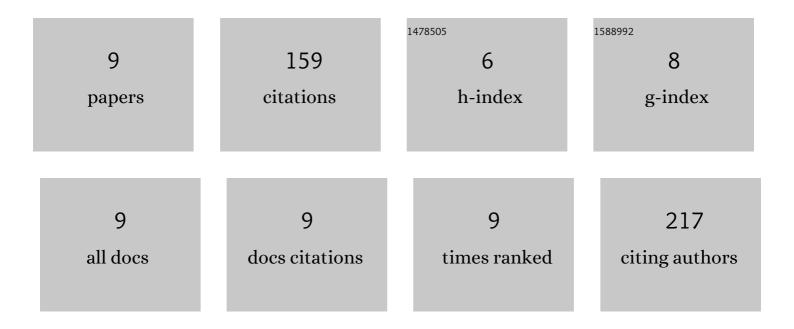


List of Publications by Year in descending order

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YIN YU

#	Article	IF	CITATIONS
1	Strong non-Arrhenius behavior at low temperatures in the OH + HCl → H ₂ O + Cl reaction due to resonance induced quantum tunneling. Chemical Science, 2022, 13, 7955-7961.	7.4	2
2	Quantum Wave Packet Study of the H + Br ₂ → HBr + Br Reaction on a New Ab Initio Potential Energy Surface. Journal of Physical Chemistry A, 2021, 125, 7289-7296.	2.5	1
3	Quantum interference in H + HD → H ₂ + D between direct abstraction and roaming insertion pathways. Science, 2020, 368, 767-771.	12.6	52
4	An <i>ab initio</i> â€based global potential energy surface for the SH ₃ system and fullâ€dimensional stateâ€toâ€state quantum dynamics study for the H ₂ + HS → H ₂ S + H reaction. Journal of Computational Chemistry, 2019, 40, 1151-1160.	• 3.3	10
5	A neural network potential energy surface for the F + CH ₄ reaction including multiple channels based on coupled cluster theory. Physical Chemistry Chemical Physics, 2018, 20, 9090-9100.	2.8	21
6	Direct observation of forward-scattering oscillations in the H+HD→H2+D reaction. Nature Chemistry, 2018, 10, 653-658.	13.6	46
7	D + C(CH3)4 → HD (v ′, j ′) + C(CH3)3CH2: possible concerted flo Molecular Physics, 2012, 110, 1713-1720.	w of vibra	tion energ
8	State-to-state differential cross-sections for the reactive scattering of H*(n) with o-D2. Chemical Science, 2012, 3, 2839.	7.4	6
9	A full-dimensional time-dependent wave packet study of the OHÂ+ÂCO → HÂ+ÂCO2 reaction. Theoretical Chemistry Accounts, 2012, 131, 1.	1.4	21