Mitchell S Quinn

List of Publications by Year
in descending order

12	217	1163117 8	1199594 12
papers	citations	h-index	g-index

12	12	12	236
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Disentangling the H₂E, F(¹Î£_g⁺)(vâ€²=0â^'18)â†X(¹Î£_g⁺)(vâ€³=3â^'9)(2+1) REMPI spectrum via 2D velocity-mapped imaging. Molecular Physics, 2021, 119, e1836412.		3
2	Antifouling Properties of Liquidâ€Infused Riblets Fabricated by Direct Contactless Microfabrication. Advanced Engineering Materials, 2021, 23, .	3.5	5
3	Rotational resonances in the H ₂ CO roaming reaction are revealed by detailed correlations. Science, 2020, 369, 1592-1596.	12.6	24
4	Observation of Rainbows in the Rotationally Inelastic Scattering of NO with CH₄. Journal of Physical Chemistry A, 2019, 123, 7758-7767.	2.5	6
5	Dynamics and quantum yields of H₂ + CH₂CO as a primary photolysis channel in CH₃CHO. Physical Chemistry Chemical Physics, 2019, 21, 14284-14295.	2.8	16
6	Collision Energy Dependence of the Competing Mechanisms of Reaction of Chlorine Atoms with Propene. Journal of Physical Chemistry A, 2019, 123, 2679-2686.	2.5	5
7	Zero-point energy conservation in classical trajectory simulations: Application to H2CO. Journal of Chemical Physics, 2018, 148, 194113.	3.0	13
8	Formaldehyde roaming dynamics: Comparison of quasi-classical trajectory calculations and experiments. Journal of Chemical Physics, 2017, 147, 013936.	3.0	20
9	The energy dependence of CO(v,J) produced from H2CO via the transition state, roaming, and triple fragmentation channels. Journal of Chemical Physics, 2017, 147, 013935.	3.0	27
10	Two roaming pathways in the photolysis of CH₃CHO between 328 and 308 nm. Chemical Science, 2014, 5, 4633-4638.	7.4	49
11	Experimental and Theoretical Investigation of Triple Fragmentation in the Photodissociation Dynamics of H₂CO. Journal of Physical Chemistry A, 2013, 117, 12091-12103.	2.5	22
12	Product state and speed distributions in photochemical triple fragmentations. Faraday Discussions, 2012, 157, 227.	3.2	27