# 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 | Two roaming pathways in the photolysis of CH<sub>3</sub>CHO between 328 and 308 nm. Chemical Science, 2014, 5, 4633-4638. | 7.4 | 49 |
| 2 | Product state and speed distributions in photochemical triple fragmentations. Faraday Discussions, 2012, 157, 227. | 3.2 | 27 |
| 3 | 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 |
| 4 | Rotational resonances in the H <sub>2</sub> CO roaming reaction are revealed by detailed correlations. Science, 2020, 369, 1592-1596. | 12.6 | 24 |
| 5 | Experimental and Theoretical Investigation of Triple Fragmentation in the Photodissociation Dynamics of H<sub>2</sub>CO. Journal of Physical Chemistry A, 2013, 117, 12091-12103. | 2.5 | 22 |
| 6 | Formaldehyde roaming dynamics: Comparison of quasi-classical trajectory calculations and experiments. Journal of Chemical Physics, 2017, 147, 013936. | 3.0 | 20 |
| 7 | Dynamics and quantum yields of H<sub>2</sub> + CH<sub>2</sub>CO as a primary photolysis channel in CH<sub>3</sub>CHO. Physical Chemistry Chemical Physics, 2019, 21, 14284-14295. | 2.8 | 16 |
| 8 | Zero-point energy conservation in classical trajectory simulations: Application to H2CO. Journal of Chemical Physics, 2018, 148, 194113. | 3.0 | 13 |
| 9 | Observation of Rainbows in the Rotationally Inelastic Scattering of NO with CH<sub>4</sub>. Journal of Physical Chemistry A, 2019, 123, 7758-7767. | 2.5 | 6 |
| 10 | 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 |
| 11 | Antifouling Properties of Liquidâ€Infused Riblets Fabricated by Direct Contactless Microfabrication. Advanced Engineering Materials, 2021, 23, . | 3.5 | 5 |
| 12 | Disentangling the H<sub>2</sub>E, F(<sup>1</sup>Î£<sub>g</sub><sup>+</sup>) (vâ€²=0â^'18)â†X(<sup>1</sup>Î£<sub>g</sub><sup>+</sup>)(vâ€³=3â^'9)(2+1) REMPI spectrum via 2D velocity-mapped imaging. Molecular Physics, 2021, 119, e1836412. | 1.7 | 3 |