

Ketan Sharma

List of Publications by Year in descending order

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5
papers

41
citations

1937685

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2053705

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docs citations

5
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Laser-induced fluorescence and dispersed-fluorescence spectroscopy of the $\tilde{A}^1_2E \leftarrow \tilde{X}^1_2A_1$ transition of jet-cooled calcium methoxide (CaOCH ₃) radicals. <i>Journal of Chemical Physics</i> , 2019, 151, 134303.	3.0	18
2	Vibronically coupled states: computational considerations and characterisation of vibronic and rovibronic spectroscopic parameters. <i>International Reviews in Physical Chemistry</i> , 2021, 40, 165-298.	2.3	13
3	Rotational and fine structure of open-shell molecules in nearly degenerate electronic states. II. Interpretation of experimentally determined interstate coupling parameters of alkoxy radicals. <i>Journal of Chemical Physics</i> , 2020, 153, 174306.	3.0	4
4	Electronic spectroscopy of the $A^1_2A \leftarrow A^2_2A \leftarrow \tilde{X}^1_2A$ transitions of jet-cooled calcium ethoxide radicals: Vibronic structure of alkaline earth monoalkoxide radicals of <i>C_s</i> symmetry. <i>Journal of Chemical Physics</i> , 2021, 155, 024301.	3.0	4
5	A combined experimental and computational study on the transition of the calcium isopropoxide radical as a candidate for direct laser cooling. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 8749-8762.	2.8	2