

Claire Rist

List of Publications by Year in descending order

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6
papers

242
citations

1937685

4
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

203
citing authors

#	ARTICLE	IF	CITATIONS
1	R12-calibrated H ₂ O•H ₂ interaction: Full dimensional and vibrationally averaged potential energy surfaces. <i>Journal of Chemical Physics</i> , 2008, 129, 134306.	3.0	134
2	Scattering of NH ₃ by ortho•and para•H ₂ : Expansion of the potential and collisional propensity rules. <i>Journal of Chemical Physics</i> , 1993, 98, 4662-4671.	3.0	38
3	A Monte Carlo error estimator for the expansion of rigid-rotor potential energy surfaces. <i>Journal of Mathematical Chemistry</i> , 2012, 50, 588-601.	1.5	34
4	Collisional excitation of NH ₃ by atomic and molecular hydrogen. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 2204-2211.	4.4	27
5	An accurate 5D potential energy surface for H ₃ O+•H ₂ interaction. <i>Journal of Chemical Physics</i> , 2020, 153, 094301.	3.0	5
6	Rotational excitation of H ₃ O+ cations by <i>para</i> -H ₂ : improved collisional data at low temperatures. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 1252-1261.	4.4	4