

# Claire Rist

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7772325/publications.pdf>

Version: 2024-02-01

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