

# William E Perreault

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7486983/publications.pdf>

Version: 2024-02-01

16  
papers

384  
citations

933447

10  
h-index

1058476

14  
g-index

18  
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18  
docs citations

18  
times ranked

205  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum control of molecular collisions at 1 kelvin. <i>Science</i> , 2017, 358, 356-359.	12.6	121
2	Cold quantum-controlled rotationally inelastic scattering of HD with H <sub>2</sub> and D <sub>2</sub> reveals collisional partner reorientation. <i>Nature Chemistry</i> , 2018, 10, 561-567.	13.6	74
3	HD ( $v=1, j=2, m$ ) orientation controls HD+He rotationally inelastic scattering near 1 K. <i>Journal of Chemical Physics</i> , 2019, 150, 174301.	3.0	30
4	Quantum mechanical double slit for molecular scattering. <i>Science</i> , 2021, 374, 960-964.	12.6	27
5	Preparation of a selected high vibrational energy level of isolated molecules. <i>Journal of Chemical Physics</i> , 2016, 145, 154203.	3.0	22
6	Supersonic beams of mixed gases: A method for studying cold collisions. <i>Chemical Physics</i> , 2018, 514, 150-153.	1.9	15
7	Shape resonance determined from angular distribution in D <sub>2</sub> ( $v=2, j=2$ ) + He $\hat{+}$ D <sub>2</sub> ( $v=2, j=0$ ) + He cold scattering. <i>Journal of Chemical Physics</i> , 2021, 154, 104309.	3.0	15
8	Harnessing the Power of Adiabatic Curve Crossing to Populate the Highly Vibrationally Excited		