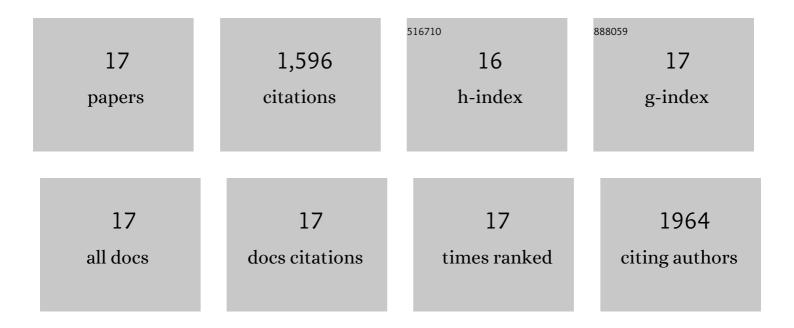
Luigi De Marco

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Dynamical Generation of Spin Squeezing in Ultracold Dipolar Molecules. Physical Review Letters, 2021, 126, 113401.	7.8	19
2	Tuning of dipolar interactions and evaporative cooling in a three-dimensional molecular quantum gas. Nature Physics, 2021, 17, 1144-1148.	16.7	52
3	Quantum many-body physics with ultracold polar molecules: Nanostructured potential barriers and interactions. Physical Review A, 2020, 102, .	2.5	7
4	Dipolar evaporation of reactive molecules to below the Fermi temperature. Nature, 2020, 588, 239-243.	27.8	62
5	Resonant collisional shielding of reactive molecules using electric fields. Science, 2020, 370, 1324-1327.	12.6	64
6	Thermalization and Sub-Poissonian Density Fluctuations in a Degenerate Molecular Fermi Gas. Physical Review Letters, 2020, 124, 033401.	7.8	21
7	A degenerate Fermi gas of polar molecules. Science, 2019, 363, 853-856.	12.6	198
8	An approach to spin-resolved molecular gas microscopy. New Journal of Physics, 2018, 20, 043031.	2.9	18
9	Anharmonic exciton dynamics and energy dissipation in liquid water from two-dimensional infrared spectroscopy. Journal of Chemical Physics, 2016, 145, 094501.	3.0	51
10	Vibrational Spectroscopy and Dynamics of Water. Chemical Reviews, 2016, 116, 7590-7607.	47.7	300
11	Differences in the Vibrational Dynamics of H ₂ O and D ₂ O: Observation of Symmetric and Antisymmetric Stretching Vibrations in Heavy Water. Journal of Physical Chemistry Letters, 2016, 7, 1769-1774.	4.6	68
12	Interplay of Ion–Water and Water–Water Interactions within the Hydration Shells of Nitrate and Carbonate Directly Probed with 2D IR Spectroscopy. Journal of the American Chemical Society, 2016, 138, 9634-9645.	13.7	67
13	Ultrafast 2D IR spectroscopy of the excess proton in liquid water. Science, 2015, 350, 78-82.	12.6	264
14	Collective vibrations of water-solvated hydroxide ions investigated with broadband 2DIR spectroscopy. Journal of Chemical Physics, 2014, 140, 204508.	3.0	53
15	Direct observation of intermolecular interactions mediated by hydrogen bonding. Journal of Chemical Physics, 2014, 141, 034502.	3.0	50
16	Water vibrations have strongly mixed intra- and intermolecular character. Nature Chemistry, 2013, 5, 935-940.	13.6	236
17	Experimental Evidence of Fermi Resonances in Isotopically Dilute Water from Ultrafast Broadband IR Spectroscopy. Journal of Physical Chemistry B, 2013, 117, 15319-15327.	2.6	66