Ramiro Moro

List of Publications by Year
in descending order

25 papers	818 citations	623734 14 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	673 citing authors

#	Article	IF	Citations
1	Magnetic Moments and Adiabatic Magnetization of Free Cobalt Clusters. Physical Review Letters, 2005, 95, 237209.	7.8	163
2	Ferroelectricity in Free Niobium Clusters. Science, 2003, 300, 1265-1269.	12.6	130
3	Magnetic Enhancement in Cobalt-Manganese Alloy Clusters. Physical Review Letters, 2007, 98, 113401.	7.8	82
4	High-Performance UV-Assisted NO₂ Sensor Based on Chemical Vapor Deposition Graphene at Room Temperature. ACS Omega, 2019, 4, 14179-14187.	3.5	70
5	Electric Dipole Moments of Water Clusters from a Beam Deflection Measurement. Physical Review Letters, 2006, 97, 123401.	7.8	56
6	Spin Uncoupling in Free Nb Clusters: Support for Nascent Superconductivity. Physical Review Letters, 2004, 93, 086803.	7.8	54
7	Measurement of magnetic moments of freeBiNMnMclusters. Physical Review B, 2005, 72, .	3.2	38
8	Metastability of Free Cobalt and Iron Clusters: A Possible Precursor to Bulk Ferromagnetism. Physical Review Letters, 2011, 107, 057203.	7.8	35
9	Distribution of magnetization of a cold ferromagnetic cluster beam. Physical Review B, 2008, 78, .	3.2	29
10	Electrostatic deflection of the water molecule: A fundamental asymmetric rotor. Physical Review A, 2007, 75, .	2.5	26
11	Measured atomic ground-state polarizabilities of 35 metallic elements. Physical Review A, 2015, 91, .	2.5	26
12	Multiferroic Rhodium Clusters. Physical Review Letters, 2014, 113, 157203.	7.8	19
13	Nonclassical dipoles in cold niobium clusters. Physical Review B, 2007, 75, .	3.2	18
14	Amino-acid and water molecules adsorbed on water clusters in a beam. Journal of Chemical Physics, 2005, 123, 074301.	3.0	16
15	Pick-up cell for cluster beam experiments. Review of Scientific Instruments, 2005, 76, 056104.	1.3	12
16	Electron Pairing in Ferroelectric Niobium and Niobium Alloy Clusters. Journal of Superconductivity and Novel Magnetism, 2008, 21, 265-269.	1.8	12
17	High Sensitive Biosensors Based on the Coupling Between Surface Plasmon Polaritons on Titanium Nitride and a Planar Waveguide Mode. Sensors, 2020, 20, 1784.	3.8	10
18	Loss of chlorine in mass spectra of DCl picked up by water clusters in a beam. Journal of Chemical Physics, 2006, 124, 146102.	3.0	6

#	Article	IF	Citations
19	A simple Field Programmable Gate Array (FPGA) based high precision low-jitter delay generator. Review of Scientific Instruments, 2021, 92, 024701.	1.3	5
20	Electric Dipole Moments of Nitric Acid-Water Complexes Measured by Cluster Beam Deflection. AIP Conference Proceedings, 2009, , .	0.4	4
21	Static dipole polarizabilities of atoms and ions from ZÂ=Â1 to 20 calculated within a single theoretical scheme. European Physical Journal D, 2021, 75, 1.	1.3	4
22	Publisherâ€™s Note: Multiferroic Rhodium Clusters [Phys. Rev. Lett.113, 157203 (2014)]. Physical Review Letters, 2015, 114, .	7.8	2
23	Surface-impact ionization of alkali nanoparticles. International Journal of Mass Spectrometry, 2006, 252, 142-144.	1.5	1
24	Ferroelectricity in Free Niobium Clusters.. ChemInform, 2003, 34, no.	0.0	0
25	Spectral and Angular Responses of High Sensitivity Refractive Index Sensors based on Titanium Nitride. , 2019, , .		0