Jennifer Meyer

List of Publications by Year
in descending order

26	730	687335 13	552766 26
papers	citations	h-index	g-index

26	26	26	644
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of the leaving group on the dynamics of a gas-phase SN2 reaction. Nature Chemistry, 2016, 8, 151-156.	13.6	116
2	Spin and Orbital Magnetic Moments of Free Nanoparticles. Physical Review Letters, 2011, 107, 233401.	7.8	86
3	Ionâ€“Molecule Reaction Dynamics. Annual Review of Physical Chemistry, 2017, 68, 333-353.	10.8	61
4	Imaging dynamic fingerprints of competing E2 and SN2 reactions. Nature Communications, 2017, 8, 25.	12.8	59
5	The spin and orbital contributions to the total magnetic moments of free Fe, Co, and Ni clusters. Journal of Chemical Physics, 2015, 143, 104302.	3.0	54
6	Imaging the dynamics of ionâ€“molecule reactions. Chemical Society Reviews, 2017, 46, 7498-7516.	38.1	51
7	Atomistic dynamics of elimination and nucleophilic substitution disentangled for the Fâ^'â€‰+â€‰CH3CH2Cl reaction. Nature Chemistry, 2021, 13, 977-981.	13.6	43
8	Stretching vibration is a spectator in nucleophilic substitution. Science Advances, 2018, 4, eaas9544.	10.3	37
9	Conservation of direct dynamics in sterically hindered S_N2/E2 reactions. Chemical Science, 2018, 9, 693-701.	7.4	31
10	Imaging Proton Transfer and Dihalide Formation Pathways in Reactions of F^{â€“} + CH₃I. Journal of Physical Chemistry A, 2016, 120, 4711-4719.	2.5	26
11	Nucleophilic substitution with two reactive centers: The CNâ^' + CH3I case. Journal of Chemical Physics, 2015, 143, 184309.	3.0	20
12	Unexpected Indirect Dynamics in Base-Induced Elimination. Journal of the American Chemical Society, 2019, 141, 20300-20308.	13.7	19
13	X-ray absorption spectroscopy of mass-selected transition metal clusters using a cyclotron ion trap: An experimental setup for measuring XMCD spectra of free clusters. Journal of Electron Spectroscopy and Related Phenomena, 2011, 184, 113-118.	1.7	18
14	Influence of Vibrational Excitation on the Reaction of F^{â€“} with CH₃I: Spectator Mode Behavior, Enhancement, and Suppression. Journal of Physical Chemistry Letters, 2020, 11, 4331-4336.	4.6	15
15	Orbit and spin resolved magnetic properties of size selected [Co_nRh]⁺ and [Co_nAu]⁺ nanoalloy clusters. Physical Chemistry Chemical Physics, 2015, 17, 28372-28378.	2.8	13
16	Imaging Reaction Dynamics of F^{â€“}(H₂O) and Cl^{â€“}(H₂O) with CH₃I. Journal of Physical Chemistry A, 2020, 124, 1929-1939.	2.5	13
17	Imaging state-to-state reactive scattering in the Ar+ + H2 charge transfer reaction. Journal of Chemical Physics, 2017, 147, 013940.	3.0	11
18	Threshold photodetachment spectroscopy of the astrochemical anion CNâ^'. Journal of Chemical Physics, 2020, 153, 184309.	3.0	11

#	Article	IF	Citations
19	Anionic Carbon Chain Growth in Reactions of , , , C₂H^{â^'}, C₄H^{â^'}, and C₆H^{â^'} with C₂H₂. Astrophysical Journal, 2019, 878, 162.	4.5	8
20	Proton transfer dynamics modified by CH-stretching excitation. Physical Chemistry Chemical Physics, 2020, 22, 12382-12388.	2.8	8
21	Atomic and electronic structure of free niobium nanoclusters: Simulation of the M 4,5 -XANES spectrum of Nb 13 +. Journal of Electron Spectroscopy and Related Phenomena, 2014, 195, 189-194.	1.7	7
22	Fâ^'(H2O)+CH3I ligand exchange reaction dynamics. Chinese Journal of Chemical Physics, 2020, 33, 210-216.	1.3	7
23	Dynamics of proton transfer from ArH+ to CO. International Journal of Mass Spectrometry, 2019, 438, 175-185.	1.5	5
24	Methotrexate-gelonin conjugate â€“ an inhibitor of MCF-7 cells expressing the dihydrofolate receptor. Biological Chemistry, 2014, 395, 1461-1466.	2.5	4
25	Suppression of low product kinetic energies in reactions of FHOâ^' and Clâ^'(H2O) with CH3I. International Journal of Mass Spectrometry, 2021, 462, 116526.	1.5	4
26	Mn₁₂â€Acetate Complexes Studied as Single Molecules. Chemistry - A European Journal, 2022, 28, .	3.3	3