Ester Livshits

List of Publications by Year
in descending order

15 papers	4,140 citations	759233 12 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	5231 citing authors

#	Article	IF	Citations
1	Two pathways and an isotope effect in H3+ formation following double ionization of methanol. Natural Sciences, 2021, 1, e10022.	2.1	6
2	Absence of Triplets in Single-Photon Double Ionization of Methanol. Journal of Physical Chemistry Letters, 2020, 11, 8108-8113.	4.6	10
3	Time-resolving the ultrafast H2 roaming chemistry and H3+ formation using extreme-ultraviolet pulses. Communications Chemistry, 2020, 3, .	4.5	31
4	Making Sense of Coulomb Explosion Imaging. Journal of Physical Chemistry Letters, 2019, 10, 1361-1367.	4.6	36
5	Single-photon Coulomb explosion of methanol using broad bandwidth ultrafast EUV pulses. Physical Chemistry Chemical Physics, 2017, 19, 13488-13495.	2.8	18
6	Advances in molecular quantum chemistry contained in the Q-Chem 4 program package. Molecular Physics, 2015, 113, 184-215.	1.7	2,561
7	A Density Functional Theory for Studying Ionization Processes in Water Clusters. Journal of Physical Chemistry A, 2011, 115, 5735-5744.	2.5	51
8	Tuned Range-Separated Hybrids in Density Functional Theory. Annual Review of Physical Chemistry, 2010, 61, 85-109.	10.8	661
9	Deleterious Effects of Long-Range Self-Repulsion on the Density Functional Description of O₂ Sticking on Aluminum. Journal of Physical Chemistry A, 2009, 113, 7521-7527.	2.5	27
10	A Density Functional Theory for Symmetric Radical Cations from Bonding to Dissociation. Journal of Physical Chemistry A, 2008, 112, 12789-12791.	2.5	45
11	A well-tempered density functional theory of electrons in molecules. Physical Chemistry Chemical Physics, 2007, 9, 2932.	2.8	344
12	The Role of Charge Localization in Currentâ€Ðriven Dynamics. Israel Journal of Chemistry, 2007, 47, 99-104.	2.3	5
13	Time-Dependent Density-Functional Studies of the D2Coulomb Explosionâ€. Journal of Physical Chemistry A, 2006, 110, 8443-8450.	2.5	28
14	Avoiding self-repulsion in density functional description of biased molecular junctions. Chemical Physics, 2006, 329, 266-275.	1.9	31
15	Electrical or Photocontrol of the Rotary Motion of a Metallacarborane. Science, 2004, 303, 1849-1851.	12.6	286