

Ester Livshits

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11183355/publications.pdf>

Version: 2024-02-01

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