

Enliang Wang

Publication List

Peer-reviewed journal articles

contributing equally, † corresponding author

59. Yonghao Mi,[†] **Enliang Wang**,[†] Zack Dube, Tian Wang, A. Yu. Naumov, D. M. Villeneuve, P. B. Corkum, and André Staudte,[†] D₃⁺ formation through photoionization of the molecular D₂-D₂ dimer, **Nat. Chem.**, .
58. **Enliang Wang**,[†] Nora G Kling, Aaron C LaForge, Razib Obaid, Shashank Pathak, Surjendu Bhattacharyya, Severin Meister, Florian Trost, Hannes Lindenblatt, Patrizia Schoch, Matthias Kubel, Thomas Pfeifer, Artem Rudenko, Sergio Díaz-Tendero, Fernando Martín, Robert Moshhammer, Daniel Rolles, and Nora Berrah,[†] Ultrafast Roaming Mechanisms in Ethanol Probed by Intense Extreme Ultraviolet Free-Electron Laser Radiation: Electron Transfer versus Proton Transfer, **J. Phys. Chem. Lett.**, *14*, 4372 (2023).
57. Xueguang Ren,[†] Jiaqi Zhou, **Enliang Wang**, Tao Yang, Zhongfeng Xu, Nicolas Sisourat, Thomas Pfeifer, and Alexander Dorn, Ultrafast energy transfer between π -stacked aromatic rings upon inner-valence ionization **Nat. Chem.**, *14*, 232 (2022).
56. Hang Yuan, Shenyue Xu,[†] **Enliang Wang**,[†] Jiawei Xu, Yue Gao, Xiaolong Zhu,[†] Dalong Guo, Binghui Ma, Dongmei Zhao, Shaofeng Zhang, Shuncheng Yan, Ruitian Zhang, Yong Gao, Zhongfeng Xu, and Xinwen Ma,[†] Fragmentation Dynamics of a Carbon Dioxide Dication Produced by Ion Impact, **J. Phys. Chem. Lett.**, *13*, 7594 (2022).
55. Surjendu Bhattacharyya, Kurtis Borne, Farzaneh Ziaee, Shashank Pathak, **Enliang Wang**, Anbu Selvam Venkatachalam, Xiang Li, Nathan Marshall, Kevin D. Carnes, Charles W. Fehrenbach, Travis Severt, Itzik Ben-Itzhak, Artem Rudenko, and Daniel Rolles,[†] Strong-Field-Induced Coulomb Explosion Imaging of Tribromomethane, **J. Phys. Chem. Lett.**, *13*, 5845 (2022).
54. Jiaqi Zhou, Shaokui Jia, Anna D. Skitnevskaya, **Enliang Wang**, Theresa Hähnel, Emma K. Grigorieva, Xiaorui Xue, Jian-Xing Li, Alexander I. Kuleff, Alexander Dorn, and Xueguang Ren,[†] Concerted Double Hydrogen-Bond Breaking by Intermolecular Coulombic Decay in the Formic Acid Dimer **J. Phys. Chem. Lett.**, *13*, 4272 (2022).
53. **Enliang Wang**,[†] Xueguang Ren,[†] and Alexander Dorn,[†] Role of the environment in quenching the production of H₃⁺ from dicationic clusters of methanol, **Phys. Rev. Lett.**, *126*, 103402 (2021).
52. **Enliang Wang**, Xueguang Ren,[†] WoonYong Baek, Hans Rabus, Thomas Pfeifer, and Alexander Dorn, Water acting as a catalyst for electron-driven molecular break-up of tetrahydrofuran, **Nat. Commun.**, *11*, 2194 (2020).

51. Yu Zhang, Baihui Ren, Chuan-Lu Yang, Long Wei, Bo Wang, Jie Han, Wandong Yu, Yue Yin Qi, Yaming Zou, Li Chen, **Enliang Wang**,[†] and Baoren Wei,[†] Formation of H_3^+ from Ethane Dication Induced by Electron Impact, **Commun. Chem.**, 3, 160 (2020).
50. Xueguang Ren,[†] **Enliang Wang**, Anna D. Skitnevskaya, Alexander B. Trofimov, Kirill Gokhberg, and Alexander Dorn,[†] Experimental evidence for ultrafast intermolecular relaxation processes in hydrated biomolecules, **Nat. Phys.**, 14, 1062 (2018).
49. Zhe Zhang, Xu Shan,[†] Tian Wang, **Enliang Wang**, and Xiangjun Chen,[†] Observation of the interference effect in vibrationally resolved electron momentum spectroscopy of H_2 , **Phys. Rev. Lett.**, 112, 023204 (2014).
48. Wenchao Zhao, **Enliang Wang**,[†] Lei Chen, Xu Shan,[†] and Xiangjun Chen, Three-body fragmentation dynamics of $BrCN^{q+}$ ($q=36$) induced by 1-keV electron impact, **Phys. Rev. A**, 107, 052811 (2023).
47. Tuo Liu, **Enliang Wang**,[†] Yaguo Tang, Xu Shan, Xiangjun Chen,[†] Full Q -space analysis of molecular dynamics effect on electron momentum profile of outer-valence orbitals of oxetane, **Chem. Phys.**, 571, 111922 (2023).
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45. Surjendu Bhattacharyya, Kurtis Borne, Farzaneh Ziaee, Shashank Pathak, **Enliang Wang**, Anbu Selvam Venkatachalam, Nathan Marshall, Kevin D. Carnes, Charles W. Fehrenbach, Travis Severt, Itzik Ben-Itzhak, Artem Rudenko, and Daniel Rolles,[†] Two- and three-body fragmentation of multiply charged tribromomethane by ultrafast laser pulses, **Phys. Chem. Chem. Phys.**, 24, 27631 (2022).
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34. Li Ding, **Enliang Wang**,[†] Zhongfeng Xu, Yufan Wu, Jingkang Deng, Chuangang Ning, Xueguang Ren,[†] Vibrational and distorted-wave effects on the highest occupied molecular orbital electronics structure of tetrachloromethane, **Chem. Phys.**, 535, 110794 (2020).
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