

Adam Simon Chatterley

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,065
citations

361388

20
h-index

414395

32
g-index

47
all docs

47
docs citations

47
times ranked

1107
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Direct Observation of Hydrogen Tunneling Dynamics in Photoexcited Phenol. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 348-352. | 4.6 | 125 |
| 2 | Taking the green fluorescence out of the protein: dynamics of the isolated GFP chromophore anion. <i>Chemical Science</i> , 2013, 4, 921-927. | 7.4 | 75 |
| 3 | Probing ultrafast dynamics in photoexcited pyrrole: timescales for H^+ -mediated H-atom elimination. <i>Faraday Discussions</i> , 2013, 163, 95. | 3.2 | 73 |
| 4 | Manipulating dynamics with chemical structure: probing vibrationally-enhanced tunnelling in photoexcited catechol. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 6879. | 2.8 | 48 |
| 5 | Time-resolved photoelectron imaging of the isolated deprotonated nucleotides. <i>Chemical Science</i> , 2014, 5, 3963-3975. | 7.4 | 46 |
| 6 | Mapping the Ultrafast Dynamics of Adenine onto Its Nucleotide and Oligonucleotides by Time-Resolved Photoelectron Imaging. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 843-848. | 4.6 | 43 |
| 7 | Long-lasting field-free alignment of large molecules inside helium nanodroplets. <i>Nature Communications</i> , 2019, 10, 133. | 12.8 | 41 |
| 8 | Strongly aligned molecules inside helium droplets in the near-adiabatic regime. <i>Journal of Chemical Physics</i> , 2017, 147, 013946. | 3.0 | 34 |
| 9 | Effect of Internal Energy on the Repulsive Coulomb Barrier of Polyanions. <i>Physical Review Letters</i> , 2012, 108, 083003. | 7.8 | 33 |
| 10 | Shapes of rotating superfluid helium nanodroplets. <i>Physical Review B</i> , 2017, 95, . | 3.2 | 33 |
| 11 | Femtosecond Photoelectron Imaging of Aligned Polyanions: Probing Molecular Dynamics through the Electron-Anion Coulomb Repulsion. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 834-838. | 4.6 | 30 |
| 12 | Excited states of multiply-charged anions probed by photoelectron imaging: riding the repulsive Coulomb barrier. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 15043-15052. | 2.8 | 30 |
| 13 | Three-Dimensional Molecular Alignment Inside Helium Nanodroplets. <i>Physical Review Letters</i> , 2017, 119, 073202. | 7.8 | 29 |
| 14 | On the intrinsic photophysics of indigo: a time-resolved photoelectron spectroscopy study of the indigo carmine dianion. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 16155. | 2.8 | 25 |
| 15 | Tracing the 267 nm-Induced Radical Formation in Dimethyl Disulfide Using Time-Resolved X-ray Absorption Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1382-1387. | 4.6 | 24 |
| 16 | Timescales for adiabatic photodissociation dynamics from the A^1g state of ammonia. <i>Journal of Chemical Physics</i> , 2013, 139, 034318. | 3.0 | 23 |
| 17 | Rotational Coherence Spectroscopy of Molecules in Helium Nanodroplets: Reconciling the Time and the Frequency Domains. <i>Physical Review Letters</i> , 2020, 125, 013001. | 7.8 | 23 |
| 18 | Structure determination of the tetracene dimer in helium nanodroplets using femtosecond strong-field ionization. <i>Structural Dynamics</i> , 2019, 6, 044301. | 2.3 | 22 |

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|----|--|-----|-----------|
| 37 | Observation of rotational revivals for iodine molecules in helium droplets using a near-adiabatic laser pulse. <i>Physical Review A</i> , 2018, 97, . | 2.5 | 6 |
| 38 | Laser-induced Coulomb explosion imaging of (C ₆ H ₅ Br) ₂ and C ₆ H ₅ Brâ€“I ₂ dimers in helium nanodroplets using a Tpx3Cam. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2021, 54, 184001. | 1.5 | 6 |
| 39 | Relaxation dynamics of photoexcited dihydroxybenzene: A comparative study. <i>Biomedical Spectroscopy and Imaging</i> , 2014, 3, 271-279. | 1.2 | 4 |
| 40 | Photoelectron angular distributions from resonant two-photon ionisation of adiabatically aligned naphthalene and aniline molecules. <i>Molecular Physics</i> , 2021, 119, e1836411. | 1.7 | 4 |
| 41 | A liquid surface height controller for surface spectroscopy. <i>Review of Scientific Instruments</i> , 2021, 92, 094104. | 1.3 | 3 |
| 42 | Charging and ion ejection dynamics of large helium nanodroplets exposed to intense femtosecond soft X-ray pulses. <i>European Physical Journal: Special Topics</i> , 0, , 1. | 2.6 | 3 |
| 43 | Structure and Orientation of the SARS-Coronavirus-2 Spike Protein at Airâ€“Water Interfaces. <i>Journal of Physical Chemistry B</i> , 2022, 126, 3425-3430. | 2.6 | 3 |
| 44 | Laser-Induced Alignment of Molecules in Helium Nanodroplets. <i>Topics in Applied Physics</i> , 2022, , 381-445. | 0.8 | 3 |
| 45 | A simple model for high rotational excitations of molecules in a superfluid. <i>New Journal of Physics</i> , 2022, 24, 075004. | 2.9 | 2 |
| 46 | Photo-induced dynamics in bromoform molecules studied by femtosecond XUV transient absorption spectroscopy. <i>EPJ Web of Conferences</i> , 2019, 205, 06003. | 0.3 | 1 |