

Andrew S Maxwell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5507957/publications.pdf>

Version: 2024-02-01

24
papers

622
citations

623734

14
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

370
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Strong laser fields and their power to generate controllable high-photon-number coherent-state superpositions. <i>Physical Review A</i> , 2022, 105, . | 2.5 | 18 |
| 2 | Manipulating twisted electrons in strong-field ionization. <i>Faraday Discussions</i> , 2021, 228, 394-412. | 3.2 | 16 |
| 3 | Quantum estimation in strong fields: <i><i>In situ</i></i> ponderomotive sensing. <i>Physical Review A</i> , 2021, 103, . | 2.5 | 4 |
| 4 | Principal frequency of an ultrashort laser pulse. <i>Physical Review A</i> , 2021, 103, . | 2.5 | 6 |
| 5 | The Inbetweeners - Beyond Born-Type Methods. , 2021, , . | | 0 |
| 6 | Dissecting subcycle interference in photoelectron holography. <i>Physical Review A</i> , 2021, 104, . | 2.5 | 12 |
| 7 | Conservation laws for electron vortices in strong-field ionisation. <i>European Physical Journal D</i> , 2021, 75, 199. | 1.3 | 11 |
| 8 | Dialogue on analytical and ab initio methods in attoscience. <i>European Physical Journal D</i> , 2021, 75, 209. | 1.3 | 16 |
| 9 | Polarization in strong-field ionization of excited helium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2021, 54, 194002. | 1.5 | 6 |
| 10 | It is all about phases: ultrafast holographic photoelectron imaging. <i>Reports on Progress in Physics</i> , 2020, 83, 034401. | 20.1 | 74 |
| 11 | Circular dichroism in higher-order harmonic generation: Heralding topological phases and transitions in Chern insulators. <i>Physical Review B</i> , 2020, 102, . | 3.2 | 87 |
| 12 | Holographic detection of parity in atomic and molecular orbitals. <i>Physical Review A</i> , 2020, 102, . | 2.5 | 18 |
| 13 | Polarisation Effects in Above-Threshold Ionisation of Excited Helium. <i>Journal of Physics: Conference Series</i> , 2020, 1412, 072021. | 0.4 | 0 |
| 14 | Spiral-like Structure: Unwinding Holographic Interference. <i>Journal of Physics: Conference Series</i> , 2020, 1412, 072011. | 0.4 | 0 |
| 15 | Spiral-like holographic structures: Unwinding interference carpets of Coulomb-distorted orbits in strong-field ionization. <i>Physical Review A</i> , 2020, 102, . | 2.5 | 16 |
| 16 | Symphony on strong field approximation. <i>Reports on Progress in Physics</i> , 2019, 82, 116001. | 20.1 | 123 |
| 17 | Analytic quantum-interference conditions in Coulomb corrected photoelectron holography. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 044004. | 1.5 | 23 |
| 18 | Coulomb-free and Coulomb-distorted recolliding quantum orbits in photoelectron holography. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 124001. | 1.5 | 28 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Treating branch cuts in quantum trajectory models for photoelectron holography. Physical Review A, 2018, 98, . | 2.5 | 21 |
| 20 | Coulomb-corrected quantum interference in above-threshold ionization: Working towards multitrajectory electron holography. Physical Review A, 2017, 96, . | 2.5 | 57 |
| 21 | Controlling Below-Threshold Nonsequential Double Ionization via Quantum Interference. Physical Review Letters, 2016, 116, 143001. | 7.8 | 56 |
| 22 | Quantum interference in time-delayed nonsequential double ionization. Physical Review A, 2015, 92, . | 2.5 | 22 |
| 23 | A Systematic Study of Interference Effects in Non-Sequential Double Ionisation. Journal of Physics: Conference Series, 2015, 635, 092136. | 0.4 | 0 |
| 24 | On properties of Karlsson Hadamards and sets of mutually unbiased bases in dimension six. Linear Algebra and Its Applications, 2015, 466, 296-306. | 0.9 | 8 |