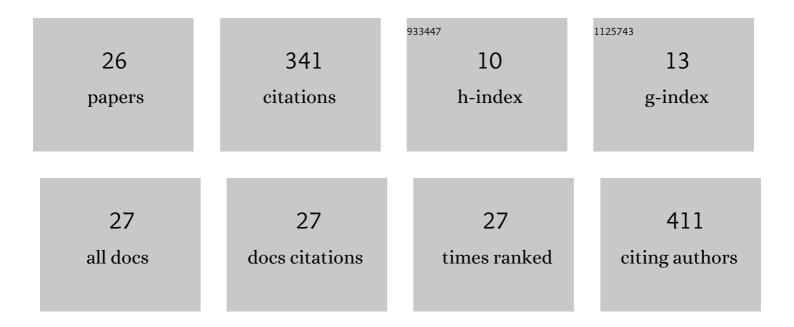
Daniel Woodbury

List of Publications by Year in descending order

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DANIEL MOODBURY

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | MeV electron acceleration at 1  kHz with <10  mJ laser pulses. Optics Letters, 2017, 42, 215. | 3.3 | 76 |
| 2 | Laser wakefield acceleration with mid-IR laser pulses. Optics Letters, 2018, 43, 1131. | 3.3 | 52 |
| 3 | Efficient terahertz and Brunel harmonic generation from air plasma via mid-infrared coherent control. Optica, 2019, 6, 1338. | 9.3 | 47 |
| 4 | Assessing Stagnation Conditions and Identifying Trends in Magnetized Liner Inertial Fusion. IEEE Transactions on Plasma Science, 2019, 47, 2081-2101. | 1.3 | 36 |
| 5 | Constraining preheat energy deposition in MagLIF experiments with multi-frame shadowgraphy. Physics of Plasmas, 2019, 26, . | 1.9 | 27 |
| 6 | Remote detection of radioactive material using mid-IR laser–driven electron avalanche. Science Advances, 2019, 5, eaav6804. | 10.3 | 24 |
| 7 | Absolute Measurement of Laser Ionization Yield in Atmospheric Pressure Range Gases over 14 Decades. Physical Review Letters, 2020, 124, 013201. | 7.8 | 17 |
| 8 | Self-Guiding of Long-Wave Infrared Laser Pulses Mediated by Avalanche Ionization. Physical Review Letters, 2020, 125, 133201. | 7.8 | 13 |
| 9 | Measurement of ultralow radiation-induced charge densities using picosecond mid-IR laser-induced breakdown. Optica, 2019, 6, 811. | 9.3 | 13 |
| 10 | Characterization of a 100 micrometer-scale cryogenically cooled gas jet for near-critical density laser-plasma experiments. Review of Scientific Instruments, 2019, 90, . | 1.3 | 12 |
| 11 | Adaptive control of laser-wakefield accelerators driven by mid-IR laser pulses. Optics Express, 2019, 27, 10912. | 3.4 | 10 |
| 12 | Ultrabroadband microwave radiation from near- and mid-infrared laser-produced plasmas in air. Physical Review A, 2021, 104, . | 2.5 | 7 |
| 13 | Coherent ultra-broadband laser-assisted injection radiation from a laser plasma accelerator. Physical Review E, 2018, 98, . | 2.1 | 3 |
| 14 | Remote detection of radioactive material using optically induced air breakdown ionization. , 2019, , . | | 2 |
| 15 | Detecting radiation in a standoff geometry with mid-IR laser breakdown. , 2019, , . | | 1 |
| 16 | MeV electron acceleration at 1 kHz with <10 mJ laser pulses. , 2017, , . | | 1 |
| 17 | Laser wakefield acceleration with mid-IR laser pulses. , 2017, , . | | 0 |
| 18 | Temporal measurement of the wave-breaking flash in a laser plasma accelerator. , 2017, , . | | 0 |

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Quasi-monoenergetic Electron Beams from Mid-IR Laser Wakefield Acceleration in the Bubble Regime. , 2018, , . | | 0 |
| 20 | Radiation detection with mid-IR laser breakdown of air. , 2018, , . | | 0 |
| 21 | Measuring Ultralow Charge Densities In Gases With Picosecond Mid-IR Laser Breakdown. , 2019, , . | | Ο |
| 22 | Efficient terahertz and Brunei harmonic generation from air plasma with femtosecond two-color mid-infrared lasers. , 2020, , . | | 0 |
| 23 | LWIR filamentation arrested by avalanche ionization. , 2020, , . | | Ο |
| 24 | Mechanisms of ionization and self-guiding in the mid- and long-wave infrared. , 2020, , . | | 0 |
| 25 | Applications of intense mid-infrared laser-matter interactions. , 2021, , . | | 0 |
| 26 | Extreme sensitivity charge detection. Physics Today, 2022, 75, 62-63. | 0.3 | 0 |