

Fabian LÃ¼cking

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

186
citations

1478505

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1372567

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22
all docs

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docs citations

22
times ranked

231
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Long-term carrier-envelope-phase-stable few-cycle pulses by use of the feed-forward method. Optics Letters, 2012, 37, 2076. | 3.3 | 56 |
| 2 | Approaching the limits of carrier-envelope phase stability in a millijoule-class amplifier. Optics Letters, 2014, 39, 3884. | 3.3 | 36 |
| 3 | Acousto-optic pulse picking scheme with carrier-frequency-to-pulse-repetition-rate synchronization. Optics Express, 2015, 23, 19586. | 3.4 | 33 |
| 4 | In situ measurement of nonlinear carrier-envelope phase changes in hollow fiber compression. Optics Letters, 2014, 39, 2302. | 3.3 | 18 |
| 5 | Carrier-envelope-phase stabilization via dual wavelength pumping. Optics Letters, 2016, 41, 1853. | 3.3 | 14 |
| 6 | On the origin of flicker noise in carrier-envelope phase stabilization. Optics Letters, 2014, 39, 6989. | 3.3 | 8 |
| 7 | Coupled membrane free optical microphone and optical coherence tomography keyhole measurements to setup welding laser parameters. , 2020, , . | | 5 |
| 8 | 0.24-W ultrabroadband, CEP-stable multipass Ti:Sa amplifier. Optics Letters, 2019, 44, 1464. | 3.3 | 5 |
| 9 | Acoustic frequency combs for carrier-envelope phase stabilization. Optics Letters, 2014, 39, 544. | 3.3 | 4 |
| 10 | Carrier-envelope phase stabilized thin-disk oscillator. , 2013, , . | | 3 |
| 11 | Carrier-Envelope Phase Stabilization. Springer Series in Chemical Physics, 2013, , 89-110. | 0.2 | 2 |
| 12 | High-power Kerr-lens mode-locked thin-disk oscillator in the anomalous and normal dispersion regimes. , 2013, , . | | 1 |
| 13 | Laser-Excited Acoustics for Contact-Free Inspection of Aerospace Composites. Materials Evaluation, 2021, 79, 28-37. | 0.2 | 1 |
| 14 | Tabletop generation of carrier envelope phase stabilized multi-mJ few-cycle pulses. , 2011, , . | | 0 |
| 15 | Long-term CEP-stable high energy few-cycle pulses using the feed-forward method. Proceedings of SPIE, 2012, , . | 0.8 | 0 |
| 16 | Arbitrary Carrier-Envelope Phase Control in a 10 kHz, mJ-Class Amplifier. , 2014, , . | | 0 |
| 17 | Carrier-envelope phase stabilization via acoustic frequency combs. , 2014, , . | | 0 |
| 18 | Direct Measurement of Nonlinear Carrier-Envelope Phase Changes in Hollow Fiber Compression. , 2014, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|----|-----------|
| 19 | Dispersive Mirror Compressors for Few-Cycle Laser Pulses. , 2015, , . | | 0 |
| 20 | Reliable Carrier-Envelope Phase Control for Current and Future Attosecond Experiments. , 2012, , . | | 0 |
| 21 | Approaching the Few-Cycle Pulse Regime with Thin-Disk Oscillators. , 2013, , . | | 0 |
| 22 | Sub-10 fs, Ultrabroadband, CEP-stable Multipass Ti:Sa Amplifier. , 2019, , . | | 0 |