

Chih-Hao Pai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2980766/publications.pdf>

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8
papers

134
citations

1478505

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1720034

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223
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-short pulse generation from mid-IR to THz range using plasma wakes and relativistic ionization fronts. <i>Physics of Plasmas</i> , 2021, 28, .	1.9	8
2	High-throughput injection acceleration of electron bunches from a linear accelerator to a laser wakefield accelerator. <i>Nature Physics</i> , 2021, 17, 801-806.	16.7	8
3	Tunable Plasma Linearizer for Compensation of Nonlinear Energy Chirp. <i>Physical Review Applied</i> , 2021, 16, .	3.8	1
4	Region-of-interest micro-focus computed tomography based on an all-optical inverse Compton scattering source. <i>Matter and Radiation at Extremes</i> , 2020, 5, .	3.9	18
5	Photon deceleration in plasma wakes generates single-cycle relativistic tunable infrared pulses. <i>Nature Communications</i> , 2020, 11, 2787.	12.8	23
6	High-resolution phase-contrast imaging of biological specimens using a stable betatron X-ray source in the multiple-exposure mode. <i>Scientific Reports</i> , 2019, 9, 7796.	3.3	16
7	Generation of Coherent Monochromatic Betatron Radiation by Laser-triggered Ionization Injection in Plasma Accelerators. , 2018, , .		1
8	Relativistic single-cycle tunable infrared pulses generated from a tailored plasma density structure. <i>Nature Photonics</i> , 2018, 12, 489-494.	31.4	59