

# Chih-Hao Pai

## List of Publications by Year in descending order

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

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