

Hsiang-Yu Chung

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

325
citations

1307594

7
h-index

1474206

9
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17
all docs

17
docs citations

17
times ranked

185
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-phase modulation enabled, wavelength-tunable ultrafast fiber laser sources: an energy scalable approach. Optics Express, 2016, 24, 15328.	3.4	76
2	Energetic ultrafast fiber laser sources tunable in 1030â€“1215 nm for deep tissue multi-photon microscopy. Optics Express, 2017, 25, 6822.	3.4	71
3	Er-fiber laser enabled, energy scalable femtosecond source tunable from 13 to 17 Åµm. Optics Express, 2017, 25, 15760.	3.4	66
4	Megawatt peak power tunable femtosecond source based on self-phase modulation enabled spectral selection. Optics Express, 2018, 26, 3684.	3.4	60
5	Multimodal imaging platform for optical virtual skin biopsy enabled by a fiber-based two-color ultrafast laser source. Biomedical Optics Express, 2019, 10, 514.	2.9	22
6	Protein-crystal detection with a compact multimodal multiphoton microscope. Communications Biology, 2020, 3, 569.	4.4	14
7	Femtosecond two-color source synchronized at 100-as-precision based on SPM-enabled spectral selection. Optics Letters, 2020, 45, 3410.	3.3	8
8	Particle swarm optimization of SPM-enabled spectral selection to achieve an octave-spanning wavelength-shift. Optics Express, 2021, 29, 39766.	3.4	6
9	Tunable, Ultrafast Fiber-Laser between 1.15 Î¼m and 1.35 Î¼m for Harmonic Generation Microscopy in Human Skin. IEEE Journal of Selected Topics in Quantum Electronics, 2018, , 1-1.	2.9	2
10	Deep Tissue Multiphoton Microscopy Based on Advanced Femtosecond Fiber Sources. , 2018, , .		0
11	Label-Free Multiphoton Microscopy in Human Tissue Enabled by an Er:Fiber-Laser Based Tunable Source. , 2019, , .		0
12	Multimodal multiphoton microscopy for protein crystal detection based on two-color ultrafast fiber laser source. , 2021, , .		0
13	Ultrafast sources for optical virtual skin biopsy: a fiber-based solution to pulses at 1250 nm. , 2018, , .		0
14	Novel fiber-based ultrafast platform for multimodal optical virtual skin biopsy. , 2018, , .		0
15	Multimodal multiphoton microscopy driven by a fiber-based two-color ultrafast source. , 2019, , .		0
16	Label-free human brain and skin imaging enabled by Er:fiber-laser-based tunable ultrafast sources. , 2019, , .		0
17	Optical virtual skin biopsy using two-color ultrafast fiber laser. , 2020, , .		0