

Kemal Aafak

List of Publications by Year in descending order

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23
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23
docs citations

23
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Attosecond precision multi-kilometer laser-microwave network. Light: Science and Applications, 2017, 6, e16187-e16187.	16.6	64
2	Ultra-precise timing and synchronization for large-scale scientific instruments. Optica, 2018, 5, 1564.	9.3	46
3	One-femtosecond, long-term stable remote laser synchronization over a 35-km fiber link. Optics Express, 2014, 22, 14904.	3.4	40
4	Quantum diffusion of microcavity solitons. Nature Physics, 2021, 17, 462-466.	16.7	30
5	Intrinsic amplitude-noise suppression in fiber lasers mode-locked with nonlinear amplifying loop mirrors. Optics Letters, 2021, 46, 1752.	3.3	23
6	Fiber-coupled balanced optical cross-correlator using PPKTP waveguides. Optics Express, 2014, 22, 9749.	3.4	16
7	Breaking the Femtosecond Barrier in Multi-Kilometer Timing Synchronization Systems. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 97-108.	2.9	12
8	Synchronous multi-color laser network with daily sub-femtosecond timing drift. Scientific Reports, 2018, 8, 11948.	3.3	8
9	Nonlinear fiber system for shot-noise limited intensity noise suppression and amplification. Optics Letters, 2021, 46, 3344.	3.3	8
10	Jitter analysis of timing-distribution and remote-laser synchronization systems. Optics Express, 2016, 24, 21752.	3.4	7
11	Sub-femtosecond precision timing synchronization systems. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 907, 169-181.	1.6	7
12	Attosecond-precision balanced linear-optics timing detector. Optics Express, 2021, 29, 38140.	3.4	5
13	High Precision Synchronization of a Large-scale Microwave Network over Stabilized Fiber Links. , 2016, , .		3
14	Attosecond Precision Multi-km Laser-Microwave Network. , 2016, , .		3
15	Synchronous Mode-locked Laser Network with Sub-fs Jitter and Multi-km Distance. , 2016, , .		1
16	Synchronous mode-locked laser network with sub-fs drift and multi-km distance. , 2016, , .		0
17	Ultra-low phase noise synchronization of microwave sources with fiber-optic timing system. , 2017, , .		0
18	An attosecond-precision balanced linear timing detector. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Ultra-low Jitter Timing Transfer over a Multi-km Fiber Network with 10^{-21} Relative Stability. , 2015, , .		0
20	Jitter Analysis of Timing Distribution Systems. , 2017, , .		0
21	Large-Scale Turnkey Timing Distribution System for Attosecond Photon Science Facilities. , 2017, , .		0
22	Single-Mode Fiber Based Pulsed-Optical Timing Link with Few-Femtosecond Precision in SwissFEL. , 2019, , .		0
23	A Pulsed-Optical Timing Distribution System for LCLS-II. , 2020, , .		0