

Matias Koivurova

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

256
citations

933447

10
h-index

996975

15
g-index

26
all docs

26
docs citations

26
times ranked

168
citing authors

#	ARTICLE	IF	CITATIONS
1	Propagation of Bessel-correlated specular and antispecular beams. Optics Express, 2022, 30, 5709.	3.4	5
2	Generation of pulse trains with nonconventional temporal correlation properties. Journal of Optics (United Kingdom), 2022, 24, 055502.	2.2	4
3	Pulse shaping by spectral-domain polarization gratings. Optics Letters, 2022, 47, 1212.	3.3	1
4	Single-shot measurement of overall degree of spectral coherence: Bulk-generated supercontinuum case. Physical Review B, 2022, 105, .	3.2	0
5	Azimuthally periodic and radially quasi-periodic Bessel-correlated fields. Optics Express, 2022, 30, 11754.	3.4	2
6	Polarization dependent beaming properties of a plasmonic lattice laser. New Journal of Physics, 2021, 23, 063037.	2.9	5
7	Coherence Switching with Metamaterials. Physical Review Letters, 2021, 127, 153902.	7.8	8
8	Spectral invariance and scaling law for nonstationary optical fields. Physical Review A, 2020, 101, .	2.5	6
9	Metamaterials designed for enhanced ENZ properties. New Journal of Physics, 2020, 22, 093054.	2.9	16
10	Mirror-based scanning wavefront-folding interferometer for coherence measurements. Optics Letters, 2020, 45, 4260.	3.3	17
11	Geometric phase in beating of light waves. New Journal of Physics, 2019, 21, 083030.	2.9	15
12	Cross-spectral purity of nonstationary light. Physical Review A, 2019, 99, .	2.5	8
13	Temporal coherence modulation of pulsed, scalar light with a Fabry-Pérot interferometer. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2019, 36, 1137.	1.5	5
14	Scanning wavefront folding interferometers. Optics Express, 2019, 27, 7738.	3.4	16
15	Interferometry and coherence of nonstationary light. Optics Letters, 2019, 44, 522.	3.3	6
16	Coherence of bulk-generated supercontinuum. Photonics Research, 2019, 7, 1345.	7.0	9
17	Partially coherent isodiffracting pulsed beams. Physical Review A, 2018, 97, .	2.5	9
18	Temporal self-splitting of optical pulses. Physical Review A, 2018, 97, .	2.5	19

#	ARTICLE	IF	CITATIONS
19	Paraxial propagation of a class of Bessel-correlated fields. <i>Optics Express</i> , 2018, 26, 11055.	3.4	7
20	Complete spatial coherence characterization of quasi-random laser emission from dye doped transparent wood. <i>Optics Express</i> , 2018, 26, 13474.	3.4	14
21	Coherence control of pulse trains by spectral phase modulation. <i>Journal of Optics (United Kingdom)</i> , 2017, 19, 095501.	2.2	18
22	Bessel-correlated supercontinuum fields. <i>Optics Express</i> , 2017, 25, 23974.	3.4	4
23	Self-focusing of a partially coherent beam with circular coherence. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2017, 34, 1441.	1.5	29
24	Grating interferometer for light-efficient spatial coherence measurement of arbitrary sources. <i>Applied Optics</i> , 2017, 56, 5216.	2.1	16
25	Derivation and validation of a novel Semi Empirical Deposition Estimation Model (SEDEM). <i>Journal of Environmental Radioactivity</i> , 2016, 165, 206-218.	1.7	0
26	Transfer factors and effective half-lives of ¹³⁴ Cs and ¹³⁷ Cs in different environmental sample types obtained from Northern Finland: case Fukushima accident. <i>Journal of Environmental Radioactivity</i> , 2015, 146, 73-79.	1.7	17