

Uffe MÃ,ller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1164822/publications.pdf>

Version: 2024-02-01

29
papers

2,124
citations

566801

15
h-index

713013

21
g-index

29
all docs

29
docs citations

29
times ranked

1878
citing authors

#	ARTICLE	IF	CITATIONS
1	Mid-infrared supercontinuum covering the 1.4–13.3- μm molecular fingerprint region using ultra-high NA chalcogenide step-index fibre. <i>Nature Photonics</i> , 2014, 8, 830-834.	15.6	811
2	Investigation of aqueous alcohol and sugar solutions with reflection terahertz time-domain spectroscopy. <i>Optics Express</i> , 2007, 15, 14717.	1.7	219
3	Multi-milliwatt mid-infrared supercontinuum generation in a suspended core chalcogenide fiber. <i>Optics Express</i> , 2015, 23, 3282.	1.7	193
4	Terahertz reflection spectroscopy of Debye relaxation in polar liquids [Invited]. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2009, 26, A113.	0.9	133
5	Thulium pumped mid-infrared 0.9–9- μm supercontinuum generation in concatenated fluoride and chalcogenide glass fibers. <i>Optics Express</i> , 2014, 22, 3959.	1.7	126
6	Characterization of aqueous alcohol solutions in bottles with THz reflection spectroscopy. <i>Optics Express</i> , 2008, 16, 9318.	1.7	90
7	Influence of pump power and modulation instability gain spectrum on seeded supercontinuum and rogue wave generation. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012, 29, 2875.	0.9	86
8	Mid-infrared supercontinuum generation to 125- μm in large NA chalcogenide step-index fibres pumped at 45- μm . <i>Optics Express</i> , 2014, 22, 19169.	1.7	83
9	Power dependence of supercontinuum noise in uniform and tapered PCFs. <i>Optics Express</i> , 2012, 20, 2851.	1.7	72
10	Spectral-temporal composition matters when cascading supercontinua into the mid-infrared. <i>Optics Express</i> , 2016, 24, 749.	1.7	63
11	Deep-blue supercontinuum sources with optimum taper profiles – verification of GAM. <i>Optics Express</i> , 2012, 20, 10635.	1.7	48
12	Intensity noise in normal-pumped picosecond supercontinuum generation, where higher-order Raman lines cross into anomalous dispersion regime. <i>Electronics Letters</i> , 2013, 49, 63-65.	0.5	46
13	Optimum PCF tapers for blue-enhanced supercontinuum sources. <i>Optical Fiber Technology</i> , 2012, 18, 304-314.	1.4	38
14	All-fiber femtosecond Cherenkov radiation source. <i>Optics Letters</i> , 2012, 37, 2769.	1.7	36
15	The role of phase coherence in seeded supercontinuum generation. <i>Optics Express</i> , 2012, 20, 22886.	1.7	29
16	Low-Noise Operation of All-Fiber Femtosecond Cherenkov Laser. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 892-895.	1.3	14
17	Dielectric Properties of Water in Butter and Water-AOT-Heptane Systems Measured Using Terahertz Time-Domain Spectroscopy. <i>Applied Spectroscopy</i> , 2010, 64, 1028-1036.	1.2	9
18	Power dependence of supercontinuum noise in uniform and tapered PCFs: erratum. <i>Optics Express</i> , 2012, 20, 23318.	1.7	7

#	ARTICLE	IF	CITATIONS
19	Mid-IR supercontinuum generation beyond 7 μm using a silica-fluoride-chalcogenide fiber cascade. Proceedings of SPIE, 2016, , .	0.8	7
20	Towards the mid-infrared optical biopsy. Proceedings of SPIE, 2016, , .	0.8	6
21	New horizons for supercontinuum light sources: from UV to mid-IR. Proceedings of SPIE, 2013, , .	0.8	3
22	Broadband antireflection nanodome structures on SiC substrate. , 2013, , .		2
23	Mid-infrared supercontinuum generation in concatenated fluoride and chalcogenide glass fibers covering more than three octaves. , 2014, , .		1
24	Two-Octave Mid-Infrared Supercontinuum Generation in As-Se Suspended Core Fibers. , 2015, , .		1
25	Mid infrared supercontinuum generation from chalcogenide glass waveguides and fibers. , 2015, , .		1
26	Asymmetric Draw-Tower Tapers for Supercontinuum Generation and Verification of the Novel Concept of Group-Acceleration Matching. , 2012, , .		0
27	All-fiber femtosecond Cherenkov laser at visible wavelengths. , 2013, , .		0
28	All-fiber femtosecond Cherenkov source. EPJ Web of Conferences, 2013, 41, 10017.	0.1	0
29	Mid-Infrared Supercontinuum Generation Spanning More Than 11 μm in a Chalcogenide Step-Index Fiber. , 2015, , .		0