

Uffe MÃ,ller

List of Publications by Year in descending order

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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	Spectral-temporal composition matters when cascading supercontinua into the mid-infrared. Optics Express, 2016, 24, 749.	1.7	63
2	Mid-IR supercontinuum generation beyond 7 μm using a silica-fluoride-chalcogenide fiber cascade. Proceedings of SPIE, 2016, , .	0.8	7
3	Towards the mid-infrared optical biopsy. Proceedings of SPIE, 2016, , .	0.8	6
4	Multi-milliwatt mid-infrared supercontinuum generation in a suspended core chalcogenide fiber. Optics Express, 2015, 23, 3282.	1.7	193
5	Two-Octave Mid-Infrared Supercontinuum Generation in As-Se Suspended Core Fibers. , 2015, , .		1
6	Mid infrared supercontinuum generation from chalcogenide glass waveguides and fibers. , 2015, , .		1
7	Mid-Infrared Supercontinuum Generation Spanning More Than 11 μm in a Chalcogenide Step-Index Fiber. , 2015, , .		0
8	Mid-infrared supercontinuum generation to 125 μm in large NA chalcogenide step-index fibres pumped at 45 μm . Optics Express, 2014, 22, 19169.	1.7	83
9	Mid-infrared supercontinuum generation in concatenated fluoride and chalcogenide glass fibers covering more than three octaves. , 2014, , .		1
10	Thulium pumped mid-infrared 9 μm supercontinuum generation in concatenated fluoride and chalcogenide glass fibers. Optics Express, 2014, 22, 3959.	1.7	126
11	Mid-infrared supercontinuum covering the 1.4 μm –13.3 μm molecular fingerprint region using ultra-high NA chalcogenide step-index fibre. Nature Photonics, 2014, 8, 830-834.	15.6	811
12	Intensity noise in normalâ€pumped picosecond supercontinuum generation, where higherâ€order Raman lines cross into anomalous dispersion regime. Electronics Letters, 2013, 49, 63-65.	0.5	46
13	Broadband antireflection nanodome structures on SiC substrate. , 2013, , .		2
14	New horizons for supercontinuum light sources: from UV to mid-IR. Proceedings of SPIE, 2013, , .	0.8	3
15	Low-Noise Operation of All-Fiber Femtosecond Cherenkov Laser. IEEE Photonics Technology Letters, 2013, 25, 892-895.	1.3	14
16	All-fiber femtosecond Cherenkov laser at visible wavelengths. , 2013, , .		0
17	All-fiber femtosecond Cherenkov source. EPJ Web of Conferences, 2013, 41, 10017.	0.1	0
18	All-fiber femtosecond Cherenkov radiation source. Optics Letters, 2012, 37, 2769.	1.7	36

#	ARTICLE	IF	CITATIONS
19	Influence of pump power and modulation instability gain spectrum on seeded supercontinuum and rogue wave generation. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 2875.	0.9	86
20	Power dependence of supercontinuum noise in uniform and tapered PCFs. Optics Express, 2012, 20, 2851.	1.7	72
21	Deep-blue supercontinuum sources with optimum taper profiles – verification of GAM. Optics Express, 2012, 20, 10635.	1.7	48
22	Power dependence of supercontinuum noise in uniform and tapered PCFs: erratum. Optics Express, 2012, 20, 23318.	1.7	7
23	The role of phase coherence in seeded supercontinuum generation. Optics Express, 2012, 20, 22886.	1.7	29
24	Asymmetric Draw-Tower Tapers for Supercontinuum Generation and Verification of the Novel Concept of Group-Acceleration Matching. , 2012, , .		0
25	Optimum PCF tapers for blue-enhanced supercontinuum sources. Optical Fiber Technology, 2012, 18, 304-314.	1.4	38
26	Dielectric Properties of Water in Butter and Water – AOT – Heptane Systems Measured Using Terahertz Time-Domain Spectroscopy. Applied Spectroscopy, 2010, 64, 1028-1036.	1.2	9
27	Terahertz reflection spectroscopy of Debye relaxation in polar liquids [Invited]. Journal of the Optical Society of America B: Optical Physics, 2009, 26, A113.	0.9	133
28	Characterization of aqueous alcohol solutions in bottles with THz reflection spectroscopy. Optics Express, 2008, 16, 9318.	1.7	90
29	Investigation of aqueous alcohol and sugar solutions with reflection terahertz time-domain spectroscopy. Optics Express, 2007, 15, 14717.	1.7	219