

# Daniel Richter

## List of Publications by Year in descending order

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27  
papers

230  
citations

1040056

9  
h-index

1125743

13  
g-index

27  
all docs

27  
docs citations

27  
times ranked

156  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extremely robust femtosecond written fiber Bragg gratings for an ytterbium-doped fiber oscillator with 5â€‰kW output power. Optics Letters, 2020, 45, 1447.	3.3	41
2	Inscription of high contrast volume Bragg gratings in fused silica with femtosecond laser pulses. Applied Physics A: Materials Science and Processing, 2011, 102, 35-38.	2.3	37
3	Ultrashort pulse inscription of tailored fiber Bragg gratings with a phase mask and a deformed wavefront [Invited]. Optical Materials Express, 2011, 1, 633.	3.0	34
4	Femtosecond written fiber Bragg gratings in ytterbium-doped fibers for fiber lasers in the kilowatt regime. Optics Letters, 2019, 44, 723.	3.3	22
5	Control of higher-order cladding mode excitation with tailored femtosecond-written long period fiber gratings. Optics Express, 2019, 27, 4292.	3.4	16
6	Variable wavefront tuning with a SLM for tailored femtosecond fiber Bragg grating inscription. Optics Letters, 2016, 41, 17.	3.3	15
7	Efficient long period fiber gratings inscribed with femtosecond pulses and an amplitude mask. Optics Letters, 2019, 44, 3980.	3.3	15
8	Minimizing residual spectral drift in laser diode bars using femtosecond-written volume Bragg gratings in fused silica. Optics Letters, 2017, 42, 623.	3.3	12
9	Femtosecond-written volume Bragg gratings in fluoride glasses. Optics Letters, 2020, 45, 3625.	3.3	10
10	Dispersion tailoring of femtosecond laser written chirped fiber Bragg gratings by selective femtosecond laser post-processing. Optics Letters, 2020, 45, 6526.	3.3	10
11	Flexible femtosecond inscription of fiber Bragg gratings by an optimized deformable mirror. Optics Letters, 2017, 42, 4215.	3.3	7
12	Discrete nonplanar reflections from an ultrashort pulse written volume Bragg grating. Optics Letters, 2015, 40, 2766.	3.3	3
13	Tuning multichannel filters based on FBG in multicore fibers. , 2019, , .		3
14	Variable period change of femtosecond written fiber Bragg gratings with a deformed wavefront. MATEC Web of Conferences, 2013, 8, 06013.	0.2	2
15	Efficient volume Bragg gratings in various transparent materials induced by femtosecond laser pulses. , 2011, , .		1
16	Discrete non-planar reflections of a fs laser pulse written volume Bragg grating (VBG). , 2012, , .		1
17	Ultrashort pulse point-by-point written aperiodic fiber Bragg gratings for suppression of OH-emission lines. , 2018, , .		1
18	Femtosecond laser induced fiber Bragg gratings in active and multi mode fibers. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
19	Tailored fiber Bragg gratings inscribed with a phase mask and a deformed wave front by ultrashort pulses. Proceedings of SPIE, 2012, , .	0.8	0
20	Observation of spectral Gouy shift in femtosecond laser pulse written Volume Bragg gratings. , 2013, , .		0
21	Femtosecond laser pulse written Volume Bragg Gratings. MATEC Web of Conferences, 2013, 8, 06014.	0.2	0
22	Femtosecond laser pulse written long period gratings in large mode area fibers. , 2017, , .		0
23	Wavelength tuning of through-coating-written fiber Bragg gratings. , 2017, , .		0
24	Study of femtosecond laser post-processing regimes for dispersion tailoring of fiber Bragg gratings. , 2021, , .		0
25	Tuning the FBG period with a spatial light modulator. , 2014, , .		0
26	Thermal shift and residual absorption in ultrashort pulse written Volume-Bragg-Gratings. , 2016, , .		0
27	Femtosecond laser post-processing mechanisms for refractive index tuning of fiber Bragg gratings. , 2021, , .		0