

# Graham D Marshall

## List of Publications by Year in descending order

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59  
papers

3,254  
citations

279798

23  
h-index

395702

33  
g-index

59  
all docs

59  
docs citations

59  
times ranked

3205  
citing authors

#	ARTICLE	IF	CITATIONS
1	A micro-optical module for multi-wavelength addressing of trapped ions. Quantum Science and Technology, 2021, 6, 024007.	5.8	5
2	An integrated optical modulator operating at cryogenic temperatures. Nature Materials, 2020, 19, 1164-1168.	27.5	82
3	Maximisation of Quantum Correlations under Local Filtering Operations. , 2019, , .		0
4	Large-scale silicon quantum photonics implementing arbitrary two-qubit processing. Nature Photonics, 2018, 12, 534-539.	31.4	384
5	Quantum Logic with Cavity Photons From Single Atoms. Physical Review Letters, 2016, 117, 023602.	7.8	11
6	Engineering integrated photonics for heralded quantum gates. Scientific Reports, 2016, 6, 25126.	3.3	20
7	Universal linear optics. Science, 2015, 349, 711-716.	12.6	771
8	Theoretical modeling and experiments on a DBR waveguide laser fabricated by the femtosecond laser direct-write technique. Optics Express, 2013, 21, 17701.	3.4	2
9	Non-classical interference in integrated 3D multiports. Optics Express, 2012, 20, 26895.	3.4	44
10	Ultrafast laser-written dual-wavelength waveguide laser. Optics Letters, 2012, 37, 993.	3.3	14
11	Cladding mode coupling in highly localized fiber Bragg gratings II: complete vectorial analysis. Optics Express, 2012, 20, 21434.	3.4	54
12	Optimizing the net reflectivity of point-by-point fiber Bragg gratings: the role of scattering loss. Optics Express, 2012, 20, 13451.	3.4	38
13	Fibre Grating Inscription and Applications. Topics in Applied Physics, 2012, , 197-225.	0.8	5
14	Characteristics of Correlated Photon Pairs Generated in Ultracompact Silicon Slow-Light Photonic Crystal Waveguides. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 1676-1683.	2.9	23
15	Ultrafast Laser Inscription in Soft Glasses: A Comparative Study of Athermal and Thermal Processing Regimes for Guided Wave Optics. International Journal of Applied Glass Science, 2012, 3, 332-348.	2.0	48
16	Apodized Point-by-Point Fiber Bragg Gratings In An All-Optical, Actively Q-switched All-Fibre Laser. , 2012, , .		0
17	Modeling of apodized point-by-point fiber Bragg gratings. , 2011, , .		1
18	Improved CAR and noise analysis for photon-pair generation in an ultra-compact silicon slow-light photonic crystal waveguide. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
19	Cladding mode coupling in highly localized fiber Bragg gratings: modal properties and transmission spectra. Optics Express, 2011, 19, 325.	3.4	161
20	Three-dimensional imaging of direct-written photonic structures. Optics Letters, 2011, 36, 695.	3.3	19
21	Control of light transmission in laser-written phase-shifted Bragg grating couplers. Optics Letters, 2011, 36, 1380.	3.3	6
22	Linearly polarized fiber laser using a point-by-point Bragg grating in a single-polarization photonic bandgap fiber. Optics Letters, 2011, 36, 1872.	3.3	18
23	Point-by-point inscription of apodized fiber Bragg gratings. Optics Letters, 2011, 36, 2988.	3.3	66
24	Slow-light enhanced correlated photon pair generation in a silicon photonic crystal waveguide. Optics Letters, 2011, 36, 3413.	3.3	130
25	Dual wavelength waveguide lasers fabricated using femtosecond laser inscription in Yb doped phosphate glass. , 2011, , .		0
26	Apodized point-by-point fiber-Bragg gratings. , 2011, , .		0
27	Recent developments in dual-wavelength DFB waveguide lasers fabricated by femtosecond laser pulses. , 2011, , .		0
28	Polarization dependent coupling in waveguide arrays. , 2011, , .		0
29	Optically switched erbium fiber laser using a tunable fiber-Bragg grating. , 2010, , .		0
30	Directly Written DFB Waveguide Lasers Using Femtosecond Laser Pulses. , 2010, , .		0
31	Mode selective fiber Bragg gratings. , 2010, , .		9
32	Mechanism of femtosecond-laser induced refractive index change in phosphate glass under a low repetition-rate regime. Journal of Applied Physics, 2010, 108, .	2.5	41
33	All-optical, actively Q-switched fiber laser. Optics Express, 2010, 18, 7714.	3.4	55
34	Point-by-point written fiber-Bragg gratings and their application in complex grating designs. Optics Express, 2010, 18, 19844.	3.4	186
35	Adaptive optics for direct laser writing with plasma emission aberration sensing. Optics Express, 2010, 18, 656.	3.4	47
36	Direct laser written couplers with shifted Bragg gratings. , 2010, , .		0

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37	Femtosecond Laser Written Bragg Gratings. , 2010, , .		0
38	Photo-erasure of type-II femtosecond laser written Bragg gratings employed as high reflectors in moderate power Q-switch fibre laser. Proceedings of SPIE, 2009, , .	0.8	0
39	Monolithic 100 mW Yb waveguide laser fabricated using the femtosecond-laser direct-write technique. Optics Letters, 2009, 34, 247.	3.3	78
40	Polarization-dependent effects in point-by-point fiber Bragg gratings enable simple, linearly polarized fiber lasers. Optics Express, 2009, 17, 6082.	3.4	81
41	Laser written waveguide photonic quantum circuits. Optics Express, 2009, 17, 12546.	3.4	254
42	Performance studies of directly written high power monolithic ytterbium waveguide oscillators. , 2009, , .		0
43	Ultrafast Laser Written 102 mW Monolithic Waveguide Laser in Yb-doped Phosphate Glass. , 2009, , .		0
44	Ultrafast-Laser Inscription of Active Devices in Glass. , 2009, , .		1
45	Polarization Dependence of Photo-Ionization in Glasses and Applications to Direct-write Photonics. , 2009, , .		0
46	Investigation of Ultrafast Laser-Photonic Material Interactions: Challenges for Directly Written Glass Photonics. IEEE Journal of Selected Topics in Quantum Electronics, 2008, 14, 1370-1381.	2.9	100
47	Large diffractive scattering losses in the visible region produced by femtosecond laser written Bragg gratings. , 2008, , .		0
48	Directly written monolithic waveguide laser incorporating a distributed feedback waveguide-Bragg grating. Optics Letters, 2008, 33, 956.	3.3	101
49	Optical loss mechanisms in femtosecond laser-written point-by-point fibre Bragg gratings. Optics Express, 2008, 16, 14248.	3.4	69
50	Femtosecond laser modification of fused silica: the effect of writing polarization on Si-O ring structure. Optics Express, 2008, 16, 20029.	3.4	84
51	Photo-annealing of femtosecond laser written Bragg gratings. , 2008, , .		2
52	Polarised high power fibre lasers by combining low birefringence fibres and point-by-point Bragg gratings. , 2008, , .		0
53	Narrow (100 pm) Linewidth Fibre Laser Operating in Excess of 50 W. , 2007, , .		0
54	Direct writing of planar lightwave devices using ultrafast lasers. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
55	Tunable spectral enhancement of supercontinuum with long-period gratings. , 2007, , .		0
56	Narrow linewidth, 100 W cw Yb <sup>3+</sup> -doped silica fiber laser with a point-by-point Bragg grating inscribed directly into the active core. Optics Letters, 2007, 32, 2804.	3.3	81
57	Photodarkening study of gratings written into rare-earth doped optical fibres using a femtosecond laser. , 2007, , .		4
58	Direct laser written waveguide-Bragg gratings in bulk fused silica. Optics Letters, 2006, 31, 2690.	3.3	158
59	Simple method enabling pulse on command from high power, high frequency lasers. Review of Scientific Instruments, 2006, 77, 093103.	1.3	0