

Kate Sugden

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

314
citations

1684188

5
h-index

1720034

7
g-index

11
all docs

11
docs citations

11
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	Femtosecond laser-induced microstructures on diamond for microfluidic sensing device applications. Applied Physics Letters, 2013, 102, .	3.3	35
2	Analysis of femtosecond laser surface patterning on bulk single-crystalline diamond. Journal of Experimental Nanoscience, 2012, 7, 662-672.	2.4	4
3	Embedded multiplexed polymer optical fiber sensor for esophageal manometry. , 2011, , .		1
4	Acoustic emission detection using optical fiber based fabry perot sensor and quadrature recombination technique. , 2009, , .		1
5	Optical fibre-based detection of DNA hybridization. Biochemical Society Transactions, 2009, 37, 445-449.	3.4	31
6	In-fiber polymer-glass hybrid waveguide Bragg grating. Optics Letters, 2008, 33, 1650.	3.3	2
7	Highly thermally responsive hybrid in-fiber slab waveguide grating structure with a plastic core and a silica cladding. , 2008, , .		0
8	Real-time detection of DNA interactions with long-period fiber-grating-based biosensor. Optics Letters, 2007, 32, 2541.	3.3	124
9	A refractometer based on a micro-slot in a fiber Bragg grating formed by chemically assisted femtosecond laser processing. Optics Express, 2007, 15, 15848.	3.4	60
10	Apodisation of photo-induced waveguide gratings with double-exposure of reversely varied duty cycles. , 2007, , .		0
11	Highly sensitive transverse load sensing with reversible sampled fiber Bragg gratings. Applied Physics Letters, 2003, 83, 3003-3005.	3.3	56