

# Kate Sugden

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10570017/publications.pdf>

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