

# Graham A Ferrier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6973843/publications.pdf>

Version: 2024-02-01

12  
papers

333  
citations

1307594

7  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

371  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of laser welded appendages to Zircaloy-4 fuel tubing (sheath/cladding). Nuclear Engineering and Design, 2015, 284, 97-105.	1.7	9
2	Electronic detection of dielectrophoretic forces exerted on particles flowing over interdigitated electrodes. Biomicrofluidics, 2012, 6, 024117.	2.4	21
3	Quantification of the specific membrane capacitance of single cells using a microfluidic device and impedance spectroscopy measurement. Biomicrofluidics, 2012, 6, 34112.	2.4	43
4	Dielectric response of particles in flowing media: The effect of shear-induced rotation on the variation in particle polarizability. Physical Review E, 2011, 84, 011922.	2.1	3
5	A microwave interferometric system for simultaneous actuation and detection of single biological cells. Lab on A Chip, 2009, 9, 3406.	6.0	98
6	All-electronic detection and actuation of single biological cells for lab-on-a-chip applications. , 2008, , .		1
7	Column structure deformation monitoring with the distributed Brillouin sensor. , 2005, 5855, 531.		1
8	Distributed Brillouin scattering sensor for discrimination of wall-thinning defects in steel pipe under internal pressure. Applied Optics, 2004, 43, 1583.	2.1	49
9	Effect of the finite extinction ratio of an electro-optic modulator on the performance of distributed probe-pump Brillouin sensorsystems. Optics Letters, 2003, 28, 1418.	3.3	46
10	A new fitting method for spectral characterization of Brillouin-based distributed sensors. , 2003, , .		11
11	Impact of EOM extinction ratio on the Brillouin frequency measurement of distributed fiber optic sensors. , 2003, 5260, 519.		2
12	Strain measurement in a concrete beam by use of the Brillouin-scattering-based distributed fiber sensor with single-mode fibers embedded in glass fiber reinforced polymer rods and bonded to steel reinforcing bars. Applied Optics, 2002, 41, 5105.	2.1	49