

# Steven Hinckley

## List of Publications by Year in descending order

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27  
papers

551  
citations

1478505

6  
h-index

1199594

12  
g-index

27  
all docs

27  
docs citations

27  
times ranked

591  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, Development, and Characterization of Highly Efficient Colored Photovoltaic Module for Sustainable Buildings Applications. Sustainability, 2022, 14, 4278.	3.2	7
2	Optical coherence tomography modeling incorporating scattering, absorption, and multiple reflections. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2020, 37, 391.	1.5	3
3	Universal Signal Conditioning Technique for Fiber Bragg Grating Sensors in PLC and SCADA Applications. Instruments, 2017, 1, 7.	1.8	5
4	Fiber Bragg Grating Sensors for Mainstream Industrial Processes. Electronics (Switzerland), 2017, 6, 92.	3.1	47
5	Optical Fiber Sensors in Physical Intrusion Detection Systems: A Review. IEEE Sensors Journal, 2016, 16, 5497-5509.	4.7	113
6	Characterizing the resolvability of real superluminescent diode sources for application to optical coherence tomography using a low coherence interferometry model. Journal of Biomedical Optics, 2014, 19, 085003.	2.6	3
7	Optical Fiber Bragg grating based intrusion detection systems for homeland security. , 2013, , .		10
8	In-ground optical fibre Bragg grating pressure switch for security applications. Proceedings of SPIE, 2012, , .	0.8	1
9	Modeling of low coherence interferometry using broadband multi-Gaussian light sources. Photonic Sensors, 2012, 2, 247-258.	5.0	5
10	A Fibre Bragg Grating based Reed switch for intrusion detection. , 2011, , .		2
11	Power over Fibre: Material Properties of Homojunction Photovoltaic Micro-Cells. , 2011, , .		13
12	A Stationary Optical Delay Line for Low Coherence Interferometry. , 2011, , .		0
13	Simulation of optical delay lines for Optical Coherence Tomography. , 2011, , .		3
14	An extended analytical model to simulate an optical coherence tomography systems with a quasi-stationary optical delay line. , 2011, , .		1
15	A Fibre Bragg Grating Sensor as a Receiver for Acoustic Communications Signals. Sensors, 2011, 11, 455-471.	3.8	9
16	Power-over-fibre for distributed optical fibre smart sensor networks. , 2010, , .		1
17	A comparison of grinding and electric discharge machining to fabricate a stepped mirror structure for a stationary optical delay line. , 2010, , .		1
18	Spatial Performance of Acousto-Ultrasonic Fiber Bragg Grating Sensor. IEEE Sensors Journal, 2010, 10, 805-806.	4.7	10

#	ARTICLE	IF	CITATIONS
19	Distributed sensing, communications, and power in optical Fibre Smart Sensor networks for structural health monitoring. , 2010, , .		4
20	Effect of a polywell leometry on a CMOS photodiode array. , 2010, , .		2
21	Distributed optical fibre smart sensors for Structural Health Monitoring: A Smart Transducer Interface Module. , 2009, , .		4
22	A micro-photonic stationary Optical Delay Line for fibre optic time domain OCT. , 2008, , .		4
23	Acousto-Ultrasonic Optical Fiber Sensors: Overview and State-of-the-Art. IEEE Sensors Journal, 2008, 8, 1184-1193.	4.7	284
24	An Intensiometric Detection System for Fibre Bragg Grating sensors. , 2008, , .		4
25	Double boundary trench isolation effects on a stacked gradient homojunction photodiode array. Optoelectronic and Microelectronic Materials and Devices (COMMAD), Conference on, 2008, , .	0.0	3
26	A transmit reflect detection system for fiber Bragg grating photonic sensors. , 2007, 6801, 98.		11
27	Boundary Trench Isolation Effects on a Stacked Gradient Homojunction Photodiode Architecture. , 2006, , .		1