

Steven Hinckley

List of Publications by Year in descending order

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27
papers

551
citations

1478505

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h-index

1199594

12
g-index

27
all docs

27
docs citations

27
times ranked

591
citing authors

#	ARTICLE	IF	CITATIONS
1	Acousto-Ultrasonic Optical Fiber Sensors: Overview and State-of-the-Art. IEEE Sensors Journal, 2008, 8, 1184-1193.	4.7	284
2	Optical Fiber Sensors in Physical Intrusion Detection Systems: A Review. IEEE Sensors Journal, 2016, 16, 5497-5509.	4.7	113
3	Fiber Bragg Grating Sensors for Mainstream Industrial Processes. Electronics (Switzerland), 2017, 6, 92.	3.1	47
4	Power over Fibre: Material Properties of Homojunction Photovoltaic Micro-Cells. , 2011, , .		13
5	A transmit reflect detection system for fiber Bragg grating photonic sensors. , 2007, 6801, 98.		11
6	Spatial Performance of Acousto-Ultrasonic Fiber Bragg Grating Sensor. IEEE Sensors Journal, 2010, 10, 805-806.	4.7	10
7	Optical Fiber Bragg grating based intrusion detection systems for homeland security. , 2013, , .		10
8	A Fibre Bragg Grating Sensor as a Receiver for Acoustic Communications Signals. Sensors, 2011, 11, 455-471.	3.8	9
9	Design, Development, and Characterization of Highly Efficient Colored Photovoltaic Module for Sustainable Buildings Applications. Sustainability, 2022, 14, 4278.	3.2	7
10	Modeling of low coherence interferometry using broadband multi-Gaussian light sources. Photonic Sensors, 2012, 2, 247-258.	5.0	5
11	Universal Signal Conditioning Technique for Fiber Bragg Grating Sensors in PLC and SCADA Applications. Instruments, 2017, 1, 7.	1.8	5
12	A micro-photonic stationary Optical Delay Line for fibre optic time domain OCT. , 2008, , .		4
13	An Intensiometric Detection System for Fibre Bragg Grating sensors. , 2008, , .		4
14	Distributed optical fibre smart sensors for Structural Health Monitoring: A Smart Transducer Interface Module. , 2009, , .		4
15	Distributed sensing, communications, and power in optical Fibre Smart Sensor networks for structural health monitoring. , 2010, , .		4
16	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
17	Simulation of optical delay lines for Optical Coherence Tomography. , 2011, , .		3
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Effect of a polywell leometry on a CMOS photodiode array. , 2010, , .		2
21	A Fibre Bragg Grating based Reed switch for intrusion detection. , 2011, , .		2
22	Boundary Trench Isolation Effects on a Stacked Gradient Homojunction Photodiode Architecture. , 2006, , .		1
23	Power-over-fibre for distributed optical fibre smart sensor networks. , 2010, , .		1
24	A comparison of grinding and electric discharge machining to fabricate a stepped mirror structure for a stationary optical delay line. , 2010, , .		1
25	An extended analytical model to simulate an optical coherence tomography systems with a quasi-stationary optical delay line. , 2011, , .		1
26	In-ground optical fibre Bragg grating pressure switch for security applications. Proceedings of SPIE, 2012, , .	0.8	1
27	A Stationary Optical Delay Line for Low Coherence Interferometry. , 2011, , .		0