Justin P Phillips

List of Publications by Year
in descending order

17	189	1478505 6	1372567 10
papers	citations	h-index	g-index

17	17	17	279
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Novel Photoplethysmography Sensor for Vital Signs Monitoring from the Human Trachea. Biosensors, 2019, 9, 119.	4.7	9
2	Development and optimization of a miniaturized fiber-optic photoplethysmographic sensor. Optical Engineering, 2017, 56, 1.	1.0	2
3	Comparison of foot finding methods for deriving instantaneous pulse rates from photoplethysmographic signals. Journal of Clinical Monitoring and Computing, 2016, 30, 157-168.	1.6	50
4	Investigation of peripheral photoplethysmographic morphology changes induced during a hand-elevation study. Journal of Clinical Monitoring and Computing, 2016, 30, 727-736.	1.6	32
5	Vascular changes associated with spinal root avulsion injury. Somatosensory & Motor Research, 2015, 32, 158-162.	0.9	4
6	Comparison of methods for determining pulse arrival time from Doppler and photoplethysmography signals. , 2014, 2014, 3809-12.		11
7	Perfusion assessment in rat spinal cord tissue using photoplethysmography and laser Doppler flux measurements. Journal of Biomedical Optics, 2013, 18, 037005.	2.6	11
8	Evaluation of Electrical and Optical Plethysmography Sensors for Noninvasive Monitoring of Hemoglobin Concentration. Sensors, 2012, 12, 1816-1826.	3.8	20
9	Modulation of finger photoplethysmographic traces during forced respiration: Venous blood in motion?. , 2012, 2012, 3644-7.		7
10	Electro-optical plethysmography for non-invasive estimation of hemoglobin concentration. , 2011, 2011, 4348-51.		2
11	Photoplethysmographic measurements from the esophagus using a new fiber-optic reflectance sensor. Journal of Biomedical Optics, 2011, 16, 077005.	2.6	5
12	Evaluation of a fiber-optic esophageal pulse oximeter. , 2009, 2009, 1509-12.		3
13	Investigation of photoplethysmographic changes using a static compression model of spinal cord injury. , 2009, 2009, 1493-6.		5
14	Measurements of cerebral arterial oxygen saturation using a fiber-optic pulse oximeter. , 2009, , .		2
15	Pulse oximetry and photoplethysmographic waveform analysis of the esophagus and bowel. Current Opinion in Anaesthesiology, 2008, 21, 779-783.	2.0	17
16	Investigation of an optical fiber cerebral oximeter using a Monte Carlo model. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 1113-6.	0.5	1
17	An Optical Fiber Photoplethysmographic System for Central Nervous System Tissue. , 2006, 2006, 803-6.		8