

Justin P Phillips

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

189
citations

1478505

6
h-index

1372567

10
g-index

17
all docs

17
docs citations

17
times ranked

279
citing authors

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