Roman Maniewski

List of Publications by Year
in descending order

24	540	759055 12	713332 21
papers	citations	h-index	g-index

25	25	25	467
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Performance assessment of time-domain optical brain imagers, part 2: nEUROPt protocol. Journal of Biomedical Optics, 2014, 19, 086012.	1.4	85
2	Time-resolved optical imager for assessment of cerebral oxygenation. Journal of Biomedical Optics, 2007, 12, 034019.	1.4	79
3	The effect of precordial lead displacement on ECG morphology. Medical and Biological Engineering and Computing, 2014, 52, 109-119.	1.6	69
4	Application of optical methods in the monitoring of traumatic brain injury: A review. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1825-1843.	2.4	64
5	Assessment of inflow and washout of indocyanine green in the adult human brain by monitoring of diffuse reflectance at large source-detector separation. Journal of Biomedical Optics, 2011, 16, 046011.	1.4	41
6	Application of a time-resolved optical brain imager for monitoring cerebral oxygenation during carotid surgery. Journal of Biomedical Optics, 2012, 17, 016002.	1.4	35
7	Time-resolved detection of fluorescent light during inflow of ICG to the brainâ€”a methodological study. Physics in Medicine and Biology, 2012, 57, 6725-6742.	1.6	26
8	Optical system based on time-gated, intensified charge-coupled device camera for brain imaging studies. Journal of Biomedical Optics, 2010, 15, 066025.	1.4	22
9	Multiwavelength time-resolved detection of fluorescence during the inflow of indocyanine green into the adultâ€™s brain. Journal of Biomedical Optics, 2012, 17, 087001.	1.4	19
10	Confirmation of brain death using optical methods based on tracking of an optical contrast agent: assessment of diagnostic feasibility. Scientific Reports, 2018, 8, 7332.	1.6	18
11	Risk assessment of ventricular arrhythmia using new parameters based on high resolution body surface potential mapping. Medical Science Monitor, 2011, 17, MT26-MT33.	0.5	18
12	Magnetic Measurement of Cardiac Volume Changes. IEEE Transactions on Biomedical Engineering, 1982, BME-29, 16-25.	2.5	16
13	Fluorescence-based method for assessment of blood-brain barrier disruption. , 2013, 2013, 3040-2.		8
14	Towards in-vivo assessment of fluorescence lifetime: imaging using time-gated intensified CCD camera. Biocybernetics and Biomedical Engineering, 2018, 38, 966-974.	3.3	6
15	Prolonged Postocclusive Hyperemia Response in Patients with Normal-Tension Glaucoma. Medical Science Monitor, 2014, 20, 2607-2616.	0.5	6
16	High-Resolution Body Surface Potential Mapping in Exercise Assessment of Ischemic Heart Disease. Annals of Biomedical Engineering, 2019, 47, 1300-1313.	1.3	5
17	ST-segment changes in high-resolution body surface potential maps measured during exercise to assess myocardial ischemia: aÂpilot study. Archives of Medical Science, 2014, 6, 1086-1090.	0.4	4
18	Evaluation of T-wave alternans in high-resolution ECG maps recorded during the stress test in patients after myocardial infarction. Archives of Medical Science, 2015, 1, 99-105.	0.4	4

#	Article	IF	Citations
19	Optimal ECG Lead System for Exercise Assessment of Ischemic Heart Disease. Journal of Cardiovascular Translational Research, 2020, 13, 758-768.	1.1	4
20	Influence of intra-abdominal pressure on the amplitude of fluctuations of cerebral hemoglobin concentration in the respiratory band. Biomedical Optics Express, 2019, 10, 3434.	1.5	3
21	Assessment of the brain ischemia during orthostatic stress and lower body negative pressure in air force pilots by near-infrared spectroscopy. Biomedical Optics Express, 2020, 11, 1043.	1.5	3
22	Evaluation of the QRS-T angle using the high-resolution 64-lead electrocardiography. Anatolian Journal of Cardiology, 2007, 7 Suppl 1, 120-2.	0.4	2
23	Exercise induced depolarization changes in BSPMs for assessment of ischemic heart disease. , 2015, , .		1
24	Body Surface ECG Signal Shape Dispersion. IEEE Transactions on Biomedical Engineering, 2009, , .	2.5	0