Fabian Braun

List of Publications by Year
in descending order

12	175	1040056 9	1372567 10
papers	citations	h-index	g-index

12	12	12	176
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Respiratory image analysis. , 2022, , 169-212.		1
2	Noninvasive measurement of stroke volume changes in critically ill patients by means of electrical impedance tomography. Journal of Clinical Monitoring and Computing, 2020, 34, 903-911.	1.6	8
3	Non-invasive pulmonary artery pressure estimation by electrical impedance tomography in a controlled hypoxemia study in healthy subjects. Scientific Reports, 2020, 10, 21462.	3.3	11
4	Thoracic EIT in 3D: experiences and recommendations. Physiological Measurement, 2019, 40, 074006.	2.1	17
5	Limitations and challenges of EIT-based monitoring of stroke volume and pulmonary artery pressure. Physiological Measurement, 2018, 39, 014003.	2.1	19
6	Accuracy and reliability of noninvasive stroke volume monitoring via ECG-gated 3D electrical impedance tomography in healthy volunteers. PLoS ONE, 2018, 13, e0191870.	2.5	27
7	A Versatile Noise Performance Metric for Electrical Impedance Tomography Algorithms. IEEE Transactions on Biomedical Engineering, 2017, 64, 2321-2330.	4.2	29
8	Noninvasive pulmonary artery pressure monitoring by EIT: a model-based feasibility study. Medical and Biological Engineering and Computing, 2017, 55, 949-963.	2.8	12
9	Track Y. Smart Assistance Systems. Biomedizinische Technik, 2016, 61, 253-261.	0.8	0
10	Non-invasive monitoring of pulmonary artery pressure from timing information by EIT: experimental evaluation during induced hypoxia. Physiological Measurement, 2016, 37, 713-726.	2.1	22
11	Influence of heart motion on cardiac output estimation by means of electrical impedance tomography: a case study. Physiological Measurement, 2015, 36, 1075-1091.	2.1	16
12	Aortic blood pressure measured via EIT: investigation of different measurement settings. Physiological Measurement, 2015, 36, 1147-1159.	2.1	13