

Fabian Braun

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

175
citations

1040056

9
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	A Versatile Noise Performance Metric for Electrical Impedance Tomography Algorithms. IEEE Transactions on Biomedical Engineering, 2017, 64, 2321-2330.	4.2	29
2	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
3	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
4	Limitations and challenges of EIT-based monitoring of stroke volume and pulmonary artery pressure. Physiological Measurement, 2018, 39, 014003.	2.1	19
5	Thoracic EIT in 3D: experiences and recommendations. Physiological Measurement, 2019, 40, 074006.	2.1	17
6	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
7	Aortic blood pressure measured via EIT: investigation of different measurement settings. Physiological Measurement, 2015, 36, 1147-1159.	2.1	13
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	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
10	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
11	Respiratory image analysis. , 2022, , 169-212.		1
12	Track Y. Smart Assistance Systems. Biomedizinische Technik, 2016, 61, 253-261.	0.8	0