

Alice Reinbacher-KÄstinger

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

106
citations

1478505

6
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

85
citing authors

#	ARTICLE	IF	CITATIONS
1	Hardware for quasi-single-shot multifrequency magnetic induction tomography (MIT): the Graz Mk2 system. <i>Physiological Measurement</i> , 2008, 29, S431-S443.	2.1	36
2	Niching Evolution Strategies for Simultaneously Finding Global and Pareto Optimal Solutions. <i>IEEE Transactions on Magnetics</i> , 2010, 46, 2743-2746.	2.1	13
3	Electrode positioning to investigate the changes of the thoracic bioimpedance caused by aortic dissection – a simulation study. <i>Journal of Electrical Bioimpedance</i> , 2020, 11, 38-48.	0.9	11
4	Bayesian Uncertainty Quantification with Multi-Fidelity Data and Gaussian Processes for Impedance Cardiography of Aortic Dissection. <i>Entropy</i> , 2020, 22, 58.	2.2	10
5	Numerical Simulation of Conductivity Changes in the Human Thorax Caused by Aortic Dissection. <i>IEEE Transactions on Magnetics</i> , 2019, 55, 1-4.	2.1	8
6	Sensitivity analysis study on the effect of the fluid mechanics assumptions for the computation of electrical conductivity of flowing human blood. <i>Reliability Engineering and System Safety</i> , 2021, 213, 107663.	8.9	6
7	On the Diagnosis of Aortic Dissection with Impedance Cardiography: A Bayesian Feasibility Study Framework with Multi-Fidelity Simulation Data. <i>Proceedings (mdpi)</i> , 2019, 33, .	0.2	5
8	Characterizing the convective wall heat transfer on convoluted shapes in the end-region of an induction machine. , 2012, , .		4
9	Fast, accurate and reliable identification of hidden conductive objects with deterministic and stochastic methods. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2012, 39, 157-166.	0.6	3
10	Optimal design of a disk type magneto-rheologic fluid clutch. <i>Elektrotechnik Und Informationstechnik</i> , 2007, 124, 266-272.	1.1	2
11	Bayesian inference of multi-sensors impedance cardiography for detection of aortic dissection. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2022, 41, 824-839.	0.9	2
12	Sensitivity Analysis of the Transfer Impedance of Shielded Cables With Braided Shields Using a Parameterized FEM Model. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-4.	2.1	1
13	Uncertainty analysis for fluorescence tomography with Monte Carlo method. , 2011, , .		0
14	Sensitivity Analysis for Electrical Detection of Aortic Dissection. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2019, 19, e201900062.	0.2	0