

# Alice Reinbacher-K&Auml;stinger

## List of Publications by Year in descending order

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14  
papers

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1478505

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1372567

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docs citations

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citing authors

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