

Marcin Sowa

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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1936888

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1719596

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all docs

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docs citations

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times ranked

53
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferromagnetic coil frequency response and dynamics modeling with fractional elements. <i>Electrical Engineering</i> , 2021, 103, 1737.	1.2	3
2	Ferromagnetic core coil hysteresis modeling using fractional derivatives. <i>Nonlinear Dynamics</i> , 2020, 101, 775-793.	2.7	15
3	Solutions of Circuits with Fractional, Nonlinear Elements by Means of a Sublval Solver. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 217-228.	0.3	3
4	Supercapacitor fractional model $\hat{\sim}$ DAQ-based measurements of frequency characteristics and error computation. <i>ITM Web of Conferences</i> , 2019, 28, 01027.	0.4	4
5	Numerical solver for fractional nonlinear circuit problems. , 2019, , .		2
6	Expansion of a solver for nonlinear fractional problems - the inclusion of time delays. , 2019, , .		1
7	A Harmonic Balance Methodology for Circuits with Fractional and Nonlinear Elements. <i>Circuits, Systems, and Signal Processing</i> , 2018, 37, 4695-4727.	1.2	17
8	Application of Sublval in solving initial value problems with fractional derivatives. <i>Applied Mathematics and Computation</i> , 2018, 319, 86-103.	1.4	20
9	Fractional Differential Equation Solvers in Octave/Matlab. , 2018, , .		6
10	DAQ-based measurements for ferromagnetic coil modeling using fractional derivatives. , 2018, , .		7
11	Application of Sublval, a Method for Fractional-Order Derivative Computations in IVPs. <i>Lecture Notes in Electrical Engineering</i> , 2017, , 489-499.	0.3	4
12	NUMERICAL COMPUTATIONS OF THE FRACTIONAL DERIVATIVE IN IVPS, EXAMPLES IN MATLAB AND MATHEMATICA. <i>Informatyka Automatyka Pomiary W Gospodarce I Ochronie Åšrodowiska</i> , 2017, 7, 19-22.	0.2	0
13	Nonlinear boundary condition in electromagnetic theory $\hat{\sim}$ analytical scheme of formulation. <i>Archiwum Elektrotechniki</i> , 2013, 62, 163-177.	0.5	0