

Marcin Sowa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7997042/publications.pdf>

Version: 2024-02-01

13
papers

82
citations

1937457

4
h-index

1719901

7
g-index

13
all docs

13
docs citations

13
times ranked

53
citing authors

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