Petr Kropik

List of Publications by Year
in descending order

12 papers	44 citations	2258059 3 h-index	2053705 5 g-index
12 all docs	12 docs citations	12 times ranked	52 citing authors

#	Article	IF	Citations
1	Reduced-Order Model Based Temperature Control of Induction Brazing Process. , 2019, , .		13
2	Bayes approach to solving T.E.A.M. benchmark problems 22 and 25 and its comparison with other optimization techniques. Applied Mathematics and Computation, 2018, 319, 681-692.	2.2	10
3	Induction heating of thin metal plates in time-varying external magnetic field solved as nonlinear hard-coupled problem. Applied Mathematics and Computation, 2013, 219, 7159-7169.	2.2	6
4	Accurate Control of Position by Induction Heating-Produced Thermoelasticity. IEEE Transactions on Magnetics, 2010, 46, 2888-2891.	2.1	4
5	Utilization of algebraic multigrid for solving electromagnetic field by HP-FEM. , 2016, , .		3
6	Optimization of selected operation characteristics of array antennas. Journal of Computational and Applied Mathematics, 2022, 399, 113726.	2.0	3
7	Optimized control of field current in thermoelastic actuator for accurate setting of position. Applied Mathematics and Computation, 2013, 219, 7187-7193.	2.2	2
8	Minimization of force and thermal effects in bus bars. , 2016, , .		2
9	Higher-order finite element modeling and optimization of actuator with non-linear materials. Computing (Vienna/New York), 2013, 95, 487-499.	4.8	1
10	Steel buried pipeline influenced power overhead line. , 2012, , .		0
11	Electromagnetic field along the power overhead line at point where the line route changes direction. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2014, 33, 1950-1964.	0.9	0
12	Face detection in a real-time videostream on Raspberry Pi. , 2021, , .		0