

# Petr Kropik

## List of Publications by Year in descending order

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12  
papers

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citations

2258059

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h-index

2053705

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g-index

12  
all docs

12  
docs citations

12  
times ranked

52  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of selected operation characteristics of array antennas. Journal of Computational and Applied Mathematics, 2022, 399, 113726.	2.0	3
2	Face detection in a real-time videostream on Raspberry Pi. , 2021, , .		0
3	Reduced-Order Model Based Temperature Control of Induction Brazing Process. , 2019, , .		13
4	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
5	Minimization of force and thermal effects in bus bars. , 2016, , .		2
6	Utilization of algebraic multigrid for solving electromagnetic field by HP-FEM. , 2016, , .		3
7	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
8	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
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	Optimized control of field current in thermoelastic actuator for accurate setting of position. Applied Mathematics and Computation, 2013, 219, 7187-7193.	2.2	2
11	Steel buried pipeline influenced power overhead line. , 2012, , .		0
12	Accurate Control of Position by Induction Heating-Produced Thermoelasticity. IEEE Transactions on Magnetics, 2010, 46, 2888-2891.	2.1	4