Branislav Ftorek

List of Publications by Year
in descending order

16	38	2682572	2053705
papers	citations	2	5
		h-index	g-index

16	16	16	49
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Energy consumption optimization for AC drives position control. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2021, 40, 309-324.	0.9	1
2	Parametric oscillations of the mechanical systems. MATEC Web of Conferences, 2018, 157, 08002.	0.2	1
3	Euler-Lagrange optimization of electric drives with DTM method. MATEC Web of Conferences, 2018, 157, 08006.	0.2	0
4	Engineering Design of a Test Device. Procedia Engineering, 2017, 177, 520-525.	1.2	8
5	Energy Near-Optimal Control Strategies for Industrial and Traction Drives with a.c. Motors. Mathematical Problems in Engineering, 2017, 2017, 1-22.	1.1	9
6	Case study of energy near-optimal control strategies for traction drives with AC motors. , 2016, , .		0
7	Case study of energy optimal and energy near-optimal control algorithms for the drives with constant, linear and quadratic frictions. , 2016, , .		0
8	Comparison of Energy Near-Optimal Control Laws for the Drives with Constant and Linear Frictions. Advances in Intelligent Systems and Computing, 2016, , 133-145.	0.6	0
9	Two approaches comparison to energy optimal position control with constant and linear torques. , 2015, , .		3
10	Asymptotic character of non-oscillatory solutions to functional differential system. Electronic Journal of Qualitative Theory of Differential Equations, 2015, , 1-13.	0.5	2
11	Two-dimensional analogy of the Korous inequality. Journal of Mathematical Inequalities, 2015, , 773-780.	0.9	1
12	Mathematical model of a closed hot air engine cycle using MATLABÂ®SimulinkÂ®. , 2014, , .		4
13	Analysis of the heat transfer from horizontal pipes at natural convection. , 2014, , .		4
14	Korous Type Inequalities for Orthogonal Polynomials in two Variables. Tatra Mountains Mathematical Publications, 2014, 58, 1-12.	0.2	1
15	Markov type polynomial inequality for some generalized Hermite weight. Tatra Mountains Mathematical Publications, 2011, 49, 111-118.	0.2	2
16	Energy Optimal Control of PMSM Drive for Time-Varying Load Torque. Applied Mechanics and Materials, 0, 710, 67-75.	0.2	2