

# Novak N NediÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

823  
citations

759055

12  
h-index

839398

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of an H <sup>∞</sup> PI controller with given relative stability and its application to the CSTR problem. <i>Hemijaska Industrija</i> , 2018, 72, 115-127.	0.3	1
2	A nature inspired optimal control of pneumatic-driven parallel robot platform. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2017, 231, 59-71.	1.1	59
3	Simulation of hydraulic check valve for forestry equipment. <i>International Journal of Heavy Vehicle Systems</i> , 2017, 24, 260.	0.1	39
4	Design of PD controllers for systems with high time delay. <i>IMK-14 - Istraživanje I Razvoj</i> , 2017, 23, 83-88.	0.0	1
5	Modified approach to distillation column control. <i>Hemijaska Industrija</i> , 2017, 71, 183-193.	0.3	1
6	DECOUPLING CONTROL OF TITO SYSTEM SUPPORTED BY DOMINANT POLE PLACEMENT METHOD. <i>Facta Universitatis, Series: Mechanical Engineering</i> , 2017, 15, 245.	2.3	1
7	Multilinear Model of Heat Exchanger with Hammerstein Structure. <i>Journal of Control Science and Engineering</i> , 2016, 2016, 1-7.	0.8	1
8	Joint state and parameter robust estimation of stochastic nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2016, 26, 3058-3074.	2.1	88
9	Identification of time-varying OE models in presence of non-Gaussian noise: Application to pneumatic servo drives. <i>International Journal of Robust and Nonlinear Control</i> , 2016, 26, 3974-3995.	2.1	70
10	Application of cuckoo search algorithm to constrained control problem of a parallel robot platform. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 87, 2497-2507.	1.5	72
11	A Nature Inspired Parameter Tuning Approach to Cascade Control for Hydraulically Driven Parallel Robot Platform. <i>Journal of Optimization Theory and Applications</i> , 2016, 168, 332-347.	0.8	67
12	Robust Kalman filtering for nonlinear multivariable stochastic systems in the presence of non-Gaussian noise. <i>International Journal of Robust and Nonlinear Control</i> , 2016, 26, 445-460.	2.1	86
13	Optimal experiment design for identification of ARX models with constrained output in non-Gaussian noise. <i>Applied Mathematical Modelling</i> , 2016, 40, 6676-6689.	2.2	78
14	Robust identification of OE model with constrained output using optimal input design. <i>Journal of the Franklin Institute</i> , 2016, 353, 576-593.	1.9	83
15	Optimal control of hydraulically driven parallel robot platform based on firefly algorithm. <i>Nonlinear Dynamics</i> , 2015, 82, 1457-1473.	2.7	75
16	Optimal cascade hydraulic control for a parallel robot platform by PSO. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 72, 1085-1098.	1.5	70
17	Design of PI Controllers for Hydraulic Control Systems. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-10.	0.6	12
18	Simulation, animation and program support for a high performance pneumatic force actuator system. <i>Mathematical and Computer Modelling</i> , 2008, 48, 761-768.	2.0	19

#	ARTICLE	IF	CITATIONS
19	Stability of Switched Stochastic Nonlinear Systems. , 0, , .		0