

# Vladimir M StojanoviÄ

## List of Publications by Year in descending order

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32  
papers

2,371  
citations

172386

29  
h-index

477173

29  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1167  
citing authors

#	ARTICLE	IF	CITATIONS
1	An unsupervised fault diagnosis method for rolling bearing using STFT and generative neural networks. <i>Journal of the Franklin Institute</i> , 2020, 357, 7286-7307.	1.9	191
2	Asynchronous Fault Detection for Interval Type-2 Fuzzy Nonhomogeneous Higher Level Markov Jump Systems With Uncertain Transition Probabilities. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 2487-2499.	6.5	121
3	Input-to-state stability of impulsive reaction-diffusion neural networks with infinite distributed delays. <i>Nonlinear Dynamics</i> , 2021, 103, 1733-1755.	2.7	108
4	Asynchronous Fault Detection Observer for 2-D Markov Jump Systems. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 13623-13634.	6.2	103
5	State and parameter joint estimation of linear stochastic systems in presence of faults and non-Gaussian noises. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 6683-6700.	2.1	99
6	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
7	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
8	Adaptive optimization algorithm for nonlinear Markov jump systems with partial unknown dynamics. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 2126-2140.	2.1	85
9	Robust point-to-point iterative learning control with varying initial conditions. <i>IET Control Theory and Applications</i> , 2020, 14, 3344-3350.	1.2	85
10	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
11	Robust identification for fault detection in the presence of non-Gaussian noises: application to hydraulic servo drives. <i>Nonlinear Dynamics</i> , 2020, 100, 2299-2313.	2.7	81
12	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
13	Robust identification of pneumatic servo actuators in the real situations. <i>Forschung Im Ingenieurwesen/Engineering Research</i> , 2011, 75, 183-196.	1.0	77
14	Adaptive Input Design for Identification of Output Error Model with Constrained Output. <i>Circuits, Systems, and Signal Processing</i> , 2014, 33, 97-113.	1.2	77
15	Value iteration and adaptive optimal output regulation with assured convergence rate. <i>Control Engineering Practice</i> , 2022, 121, 105042.	3.2	76
16	Optimal control of hydraulically driven parallel robot platform based on firefly algorithm. <i>Nonlinear Dynamics</i> , 2015, 82, 1457-1473.	2.7	75
17	Robust fault detection filter design for a class of discrete-time conic-type nonlinear Markov jump systems with jump fault signals. <i>IET Control Theory and Applications</i> , 2020, 14, 1912-1919.	1.2	75
18	Robust PD-type iterative learning control for discrete systems with multiple time-delays subjected to polytopic uncertainty and restricted frequency-domain. <i>Multidimensional Systems and Signal Processing</i> , 2021, 32, 671-692.	1.7	74

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Iterative learning control for repetitive tasks with randomly varying trial lengths using successive projection. <i>International Journal of Adaptive Control and Signal Processing</i> , 2022, 36, 1196-1215.	2.3	70
23	Finite-time asynchronous dissipative filtering of conic-type nonlinear Markov jump systems. <i>Science China Information Sciences</i> , 2021, 64, 1.	2.7	68
24	Data-driven control of hydraulic servo actuator based on adaptive dynamic programming. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2022, 15, 1633.	0.6	68
25	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
26	PD-Type Iterative Learning Control for Uncertain Spatially Interconnected Systems. <i>Mathematics</i> , 2020, 8, 1528.	1.1	64
27	Dissipativity-based finite-time asynchronous output feedback control for wind turbine system via a hidden Markov model. <i>International Journal of Systems Science</i> , 2022, 53, 3177-3189.	3.7	61
28	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
29	Simulation of hydraulic check valve for forestry equipment. <i>International Journal of Heavy Vehicle Systems</i> , 2017, 24, 260.	0.1	39
30	A robust identification method for stochastic nonlinear parameter varying systems. <i>Mathematical Modelling and Control</i> , 2021, 1, 35-51.	0.4	1
31	Robust identification for fault detection and diagnosis of hydraulic servo cylinder. <i>Scientific Technical Review</i> , 2019, 69, 17-24.	0.3	0
32	Robust identification of linear state-space models in presence of component and sensor faults. <i>IMK-14 - Istraživanje I Razvoj</i> , 2019, 25, 21-26.	0.0	0