

# 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	Asynchronous Fault Detection Observer for 2-D Markov Jump Systems. IEEE Transactions on Cybernetics, 2022, 52, 13623-13634.	6.2	103
2	Asynchronous Fault Detection for Interval Type-2 Fuzzy Nonhomogeneous Higher Level Markov Jump Systems With Uncertain Transition Probabilities. IEEE Transactions on Fuzzy Systems, 2022, 30, 2487-2499.	6.5	121
3	Value iteration and adaptive optimal output regulation with assured convergence rate. Control Engineering Practice, 2022, 121, 105042.	3.2	76
4	Iterative learning control for repetitive tasks with randomly varying trial lengths using successive projection. International Journal of Adaptive Control and Signal Processing, 2022, 36, 1196-1215.	2.3	70
5	Data-driven control of hydraulic servo actuator based on adaptive dynamic programming. Discrete and Continuous Dynamical Systems - Series S, 2022, 15, 1633.	0.6	68
6	Dissipativity-based finite-time asynchronous output feedback control for wind turbine system via a hidden Markov model. International Journal of Systems Science, 2022, 53, 3177-3189.	3.7	61
7	Adaptive optimization algorithm for nonlinear Markov jump systems with partial unknown dynamics. International Journal of Robust and Nonlinear Control, 2021, 31, 2126-2140.	2.1	85
8	Input-to-state stability of impulsive reaction-diffusion neural networks with infinite distributed delays. Nonlinear Dynamics, 2021, 103, 1733-1755.	2.7	108
9	A robust identification method for stochastic nonlinear parameter varying systems. Mathematical Modelling and Control, 2021, 1, 35-51.	0.4	1
10	Robust PD-type iterative learning control for discrete systems with multiple time-delays subjected to polytopic uncertainty and restricted frequency-domain. Multidimensional Systems and Signal Processing, 2021, 32, 671-692.	1.7	74
11	Finite-time asynchronous dissipative filtering of conic-type nonlinear Markov jump systems. Science China Information Sciences, 2021, 64, 1.	2.7	68
12	PD-Type Iterative Learning Control for Uncertain Spatially Interconnected Systems. Mathematics, 2020, 8, 1528.	1.1	64
13	Robust fault detection filter design for a class of discrete-time conic-type nonlinear Markov jump systems with jump fault signals. IET Control Theory and Applications, 2020, 14, 1912-1919.	1.2	75
14	State and parameter joint estimation of linear stochastic systems in presence of faults and non-Gaussian noises. International Journal of Robust and Nonlinear Control, 2020, 30, 6683-6700.	2.1	99
15	Robust identification for fault detection in the presence of non-Gaussian noises: application to hydraulic servo drives. Nonlinear Dynamics, 2020, 100, 2299-2313.	2.7	81
16	An unsupervised fault diagnosis method for rolling bearing using STFT and generative neural networks. Journal of the Franklin Institute, 2020, 357, 7286-7307.	1.9	191
17	Robust point-to-point iterative learning control with varying initial conditions. IET Control Theory and Applications, 2020, 14, 3344-3350.	1.2	85
18	Robust identification for fault detection and diagnosis of hydraulic servo cylinder. Scientific Technical Review, 2019, 69, 17-24.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Robust identification of linear state-space models in presence of component and sensor faults. IMK-14 - Istrazivanje I Razvoj, 2019, 25, 21-26.	0.0	0
20	A nature inspired optimal control of pneumatic-driven parallel robot platform. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2017, 231, 59-71.	1.1	59
21	Simulation of hydraulic check valve for forestry equipment. International Journal of Heavy Vehicle Systems, 2017, 24, 260.	0.1	39
22	Joint state and parameter robust estimation of stochastic nonlinear systems. International Journal of Robust and Nonlinear Control, 2016, 26, 3058-3074.	2.1	88
23	Identification of time-varying OE models in presence of non-Gaussian noise: Application to pneumatic servo drives. International Journal of Robust and Nonlinear Control, 2016, 26, 3974-3995.	2.1	70
24	Application of cuckoo search algorithm to constrained control problem of a parallel robot platform. International Journal of Advanced Manufacturing Technology, 2016, 87, 2497-2507.	1.5	72
25	A Nature Inspired Parameter Tuning Approach to Cascade Control for Hydraulically Driven Parallel Robot Platform. Journal of Optimization Theory and Applications, 2016, 168, 332-347.	0.8	67
26	Robust Kalman filtering for nonlinear multivariable stochastic systems in the presence of non-Gaussian noise. International Journal of Robust and Nonlinear Control, 2016, 26, 445-460.	2.1	86
27	Optimal experiment design for identification of ARX models with constrained output in non-Gaussian noise. Applied Mathematical Modelling, 2016, 40, 6676-6689.	2.2	78
28	Robust identification of OE model with constrained output using optimal input design. Journal of the Franklin Institute, 2016, 353, 576-593.	1.9	83
29	Optimal control of hydraulically driven parallel robot platform based on firefly algorithm. Nonlinear Dynamics, 2015, 82, 1457-1473.	2.7	75
30	Adaptive Input Design for Identification of Output Error Model with Constrained Output. Circuits, Systems, and Signal Processing, 2014, 33, 97-113.	1.2	77
31	Optimal cascade hydraulic control for a parallel robot platform by PSO. International Journal of Advanced Manufacturing Technology, 2014, 72, 1085-1098.	1.5	70
32	Robust identification of pneumatic servo actuators in the real situations. Forschung Im Ingenieurwesen/Engineering Research, 2011, 75, 183-196.	1.0	77