

Nikolaos D Kouvakas

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

193
citations

1478505

6
h-index

1474206

9
g-index

40
all docs

40
docs citations

40
times ranked

38
citing authors

#	ARTICLE	IF	CITATIONS
1	Independent motion control of a tower crane through wireless sensor and actuator networks. ISA Transactions, 2016, 60, 312-320.	5.7	20
2	Two-stage robust control of substrate concentration for an activated sludge process. ISA Transactions, 2008, 47, 267-278.	5.7	19
3	A three term controller for ride comfort improvement. , 2011, , .		11
4	Mobile robots in singular time-delay form “ Modeling and control. Journal of the Franklin Institute, 2016, 353, 160-179.	3.4	10
5	A Simulated Annealing Controller for Sloshing Suppression in Liquid Transfer with Delayed Resonators. , 2006, , .		9
6	On the Morgan's problem for neutral time delay systems via dynamic controllers with application to a test case central heating system. , 2009, , .		9
7	I/O Decoupling with simultaneous Disturbance Rejection of general neutral time delay systems via a measurement output feedback dynamic controller. , 2013, , .		9
8	Switching Wireless Control for Longitudinal Quadrotor Maneuvers. Journal of Intelligent and Robotic Systems: Theory and Applications, 2021, 102, 1.	3.4	9
9	A two stage robot control for liquid transfer. , 2007, , .		8
10	Dynamic disturbance rejection controllers for neutral time delay systems with application to a central heating system. Science in China Series F: Information Sciences, 2009, 52, 1084-1094.	1.1	8
11	Linear approximant-based metaheuristic proportional-integral-derivative controller for a neutral time delay central heating system. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2009, 223, 605-618.	1.0	7
12	Towards dynamic controller design for Disturbance Rejection of MIMO neutral time delay systems. , 2011, , .		7
13	Towards remote control of planar redundant robotic manipulators. , 2017, , .		7
14	Dynamic controllers for I/O decoupling of neutral time delay systems with application to a coupled core nuclear reactor. , 2007, , .		7
15	Delayless dynamic controllers for Disturbance Rejection of general neutral time delay systems. , 2013, , .		5
16	Delayless Controllers for Triangular Decoupling with Simultaneous Disturbance Rejection of General Neutral Time Delay Systems. , 2018, , .		5
17	Velocity control and vibration attenuation for a cart-pendulum system with Delayed Resonators. , 2009, , .		4
18	Metaheuristic control of substrate concentration for an activated sludge process. International Journal of Modelling, Identification and Control, 2010, 10, 117.	0.2	4

#	ARTICLE	IF	CITATIONS
19	A Control Scheme Towards Accurate Firing While Moving for a Mobile Robotic Weapon System with Delayed Resonators. Springer Optimization and Its Applications, 2014, , 303-320.	0.9	4
20	Triangular decoupling of non square general neutral time delay systems via dynamic measurement output feedback with application to an ASP. , 2010, , .		3
21	I/O Decoupling of general neutral time delay systems via delayless measurement output feedback dynamic controllers. , 2014, , .		3
22	Independent velocity control of the longitudinal motion of quadrotors*. , 2018, , .		3
23	Dynamic measurement output feedback controllers for exact model matching and disturbance rejection of general linear neutral time delay systems. , 2009, , .		2
24	Temperature control of a neutral time delay central heating system via a two term disturbance compensator. , 2010, , .		2
25	Block decoupling of general neutral multi delay systems. , 2011, , .		2
26	Triangular decoupling with simultaneous disturbance rejection of general neutral time delay systems via measurement output feedback dynamic controllers. , 2013, , .		2
27	A disturbance rejection controller for an anti-mine mobile robotic manipulator. , 2014, , .		2
28	Robust PID Controller for a Pneumatic Actuator. MATEC Web of Conferences, 2016, 41, 02001.	0.2	2
29	Delayless dynamic controllers for exact model matching with simultaneous disturbance rejection of general neutral time delay systems. , 2016, , .		2
30	Delayless Controllers for Diagonal Decoupling and Disturbance Rejection of Time Delay Systems with Measurable and Non-measurable Disturbances. , 2020, , .		2
31	Wireless Longitudinal Motion Controller Design for Quadrotors. , 2020, , .		2
32	A two stage control scheme towards stability and robustness for PMSMs with unknown load torque. , 2011, , .		1
33	Towards wireless control for a permanent magnet synchronous motor. , 2014, , .		1
34	Position control of a planar robot manipulator mounted on a VTOL aircraft. , 2017, , .		1
35	Block Decoupling and Disturbance Rejection for General Neutral Multi Delay Systems via Measurement Output Feedback Dynamic Controllers. , 2019, , .		1
36	Model matching of SISO neutral time delay systems via output feedback. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
37	Towards an L_1 PID controller design for ride comfort improvement. , 2014, , .		0
38	Automata-Based Programming for the Development of a Web based Application. , 2016, , .		0
39	Motion Control for Constraint Mobile Robotic Manipulators in Singular Time Delay Form. , 2020, , .		0
40	Trim point transitions via I/O decoupling controllers for 6DOF quadrotors. , 2021, , .		0