

Edi Kurniawan

List of Publications by Year in descending order

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46
papers

315
citations

1478280

6
h-index

1199470

12
g-index

46
all docs

46
docs citations

46
times ranked

180
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimentally robustness improvement of DC motor speed control optimization by H-infinity of mixed-sensitivity synthesis. International Journal of Dynamics and Control, 2022, 10, 1968-1980.	1.5	7
2	On the synthesis of a stable and causal compensator for discrete-time high-order repetitive control systems. International Journal of Dynamics and Control, 2021, 9, 727-736.	1.5	7
3	Discrete-time modified repetitive sliding mode control for uncertain linear systems. International Journal of Adaptive Control and Signal Processing, 2021, 35, 2245-2258.	2.3	10
4	Disturbance Observer-based Attitude Control of The Air-Bearing Platform using a Reaction Wheel. , 2021, , .		3
5	Synthesis Method of Mixed Sensitivity for H-infinity Robust Control Optimization on DC Motor of Mechatronics Model. , 2021, , .		3
6	Iterative Learning Controller with Causal Learning Function for a Class of Linear Mon-minimum Phase Systems. , 2021, , .		0
7	The effect of bending radius and deformer addition in optical fiber load sensor with sinusoidal configuration. AIP Conference Proceedings, 2020, , .	0.3	1
8	An investigation on the error measurements of a ratiometric-macro bending based fiber optic inclinometer with left and right angle tilt sensing capability. AIP Conference Proceedings, 2020, , .	0.3	0
9	Investigation on a macro bending based-fiber extensometer as displacement sensor with light source modulation for power supply efficiency. AIP Conference Proceedings, 2020, , .	0.3	1
10	Physical Distancing Monitoring with Background Subtraction Methods. , 2020, , .		3
11	Experimental Based Identification Model of Low Fluid Flow Rate Control Systems. , 2020, , .		3
12	On the Comparison of Social Distancing Violation Detectors with Graphical Processing Unit Support. , 2020, , .		4
13	On the Design of Modified Variable Structure Repetitive Control with Fast Transient Response. , 2020, , .		0
14	A macro bending-based optical fiber inclinometer to measure the ground tilt in the depth which forms a positive and negative angle to the gravity axis. Journal of Physics: Conference Series, 2019, 1191, 012003.	0.3	3
15	Fiber optic load sensor using microbend-deformer. Journal of Physics: Conference Series, 2019, 1191, 012007.	0.3	4
16	Discrete terminal sliding mode repetitive control for a linear actuator with nonlinear friction and uncertainties. International Journal of Robust and Nonlinear Control, 2019, 29, 4285-4297.	2.1	11
17	Discrete-Time Design of Model Reference Learning Control System. , 2019, , .		1
18	Discrete-time Sliding Mode Controller for Multivariable System of 3 DOF Laboratory Helicopter. , 2019, , .		6

#	ARTICLE	IF	CITATIONS
19	Sliding Mode Repetitive Controller for a Plant with Time-Varying Sampling Times. , 2018, , .		1
20	Design of Causal Compensator for Dual Periods Repetitive Control System. , 2018, , .		1
21	Design of a Robust Discrete-time Phase Lead Repetitive Control in Frequency Domain for a Linear Actuator with Multiple Phase Uncertainties. International Journal of Control, Automation and Systems, 2018, 16, 2609-2620.	1.6	4
22	Performance evaluation and mathematical analysis of direct sequence and frequency hopping spread spectrum systems under wideband interference. International Journal of Advances in Intelligent Informatics, 2018, 4, 180.	0.8	0
23	Repetitive control system for tracking and rejection of multiple periodic signals. , 2017, , .		7
24	Development of visual inspection system for detecting surface defects on sensor chip. , 2017, , .		4
25	Comparative analysis of discrete-time plug-in multi periods repetitive control using different internal models. , 2017, , .		3
26	Tracking and robust performance of discrete-time model-based controller. , 2016, , .		0
27	Analysis of FBG weight sensor based on laser diode transitive response. , 2016, , .		3
28	Design of a discrete-time terminal sliding mode repetitive controller. , 2016, , .		5
29	Design of decentralized multi-input multi-output repetitive control systems. International Journal of Automation and Computing, 2016, 13, 615-623.	4.5	16
30	A low order discrete-time sliding mode repetitive control system. , 2016, , .		6
31	Design of a new phase lead repetitive compensator for fast transient response. , 2015, , .		2
32	Implementation on 3D surface algorithm for measuring thickness parameter of sensor chip. , 2015, , .		2
33	An improved phase lead repetitive controller for a linear actuator. , 2015, , .		1
34	Design of a robust discrete time sliding mode repetitive controller. , 2015, , .		3
35	Model-based control for tracking and rejection of periodic signals. , 2015, , .		0
36	Digital design of adaptive repetitive control of linear systems with time-varying periodic disturbances. IET Control Theory and Applications, 2014, 8, 1995-2003.	1.2	30

#	ARTICLE	IF	CITATIONS
37	Modified ESO based RC for improved disturbance rejection capability for the plant with time-varying uncertainty. , 2014, , .		1
38	A survey on robust Repetitive Control and applications. , 2014, , .		22
39	Design of decoupled repetitive control for MIMO systems. , 2014, , .		0
40	Design of Robust Repetitive Control With Time-Varying Sampling Periods. IEEE Transactions on Industrial Electronics, 2014, 61, 2834-2841.	5.2	89
41	Robust repetitive control of a dual stage actuator system. , 2014, , .		0
42	Design of decentralized repetitive control of linear MIMO system. , 2013, , .		5
43	Robust design of repetitive control system. , 2011, , .		19
44	Adaptive Repetitive Control of System Subject to Periodic Disturbance with Time-Varying Frequency. , 2011, , .		24
45	A measurement study of cognitive radio spectrum sensing methods. , 2008, , .		0
46	High-order repetitive model reference control for linear systems with uncertain periodic references and disturbances. International Journal of Systems Science, 0, , 1-13.	3.7	0