

Qudrat Khan

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Neuro-adaptive fixed-time non-singular fast terminal sliding mode control design for a class of under-actuated nonlinear systems. <i>International Journal of Control</i> , 2023, 96, 1529-1542.	1.9	14
2	Neural network-based adaptive global sliding mode MPPT controller design for stand-alone photovoltaic systems. <i>PLoS ONE</i> , 2022, 17, e0260480.	2.5	17
3	Maximum Power Extraction from a Standalone Photo Voltaic System via Neuro-Adaptive Arbitrary Order Sliding Mode Control Strategy with High Gain Differentiation. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2773.	2.5	28
4	Control Design for Uncertain Higher-Order Networked Nonlinear Systems via an Arbitrary Order Finite-Time Sliding Mode Control Law. <i>Sensors</i> , 2022, 22, 2748.	3.8	6
5	A Linear Parameter Varying Strategy Based Integral Sliding Mode Control Protocol Development and Its Implementation on Ball and Beam Balancer. <i>IEEE Access</i> , 2021, 9, 74437-74445.	4.2	5
6	Neuro-adaptive backstepping integral sliding mode control design for nonlinear wind energy conversion system. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2021, 29, 531-547.	1.4	6
7	MPPT Control Paradigms for PMSG-WECS: A Synergistic Control Strategy With Gain-Scheduled Sliding Mode Observer. <i>IEEE Access</i> , 2021, 9, 139876-139887.	4.2	9
8	Finite-Time Fast Dynamic Terminal Sliding Mode Maximum Power Point Tracking Control Paradigm for Permanent Magnet Synchronous Generator-Based Wind Energy Conversion System. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6361.	2.5	11
9	Variable gain high order sliding mode control approaches for PMSG based variable speed wind energy conversion system. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2020, 28, 2997-3012.	1.4	3
10	Gain-Scheduled Observer-Based Finite-Time Control Algorithm for an Automated Closed-Loop Insulin Delivery System. <i>IEEE Access</i> , 2020, 8, 103088-103099.	4.2	7
11	Maximum Power Extraction Strategy for Variable Speed Wind Turbine System via Neuro-Adaptive Generalized Global Sliding Mode Controller. <i>IEEE Access</i> , 2020, 8, 128536-128547.	4.2	36
12	Synchronization and antisynchronization protocol design of chaotic nonlinear gyros: an adaptive integral sliding mode approach. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2019, 27, 675-684.	1.4	2
13	Air-to-fuel ratio control of gasoline engines using smooth sliding mode algorithm. , 2017, , .		7
14	Comparative analysis of robust and adaptive control strategies for twin rotor MIMO system. , 2017, , .		2
15	Adaptive gain sliding mode based output tracking control of twin rotor MIMO system. , 2017, , .		0
16	Corrigendum to "Robust Control of Underactuated Systems: Higher Order Integral Sliding Mode Approach" <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-1.	1.1	0
17	Constructive mechanism of Lead/Lag design for a class of linear systems. , 2016, , .		0
18	Robustness and performance parameterization of smooth second order sliding mode control. <i>International Journal of Control, Automation and Systems</i> , 2016, 14, 681-690.	2.7	14

#	ARTICLE	IF	CITATIONS
19	Dynamic Sliding Mode Control Design Based on an Integral Manifold for Nonlinear Uncertain Systems. Journal of Nonlinear Dynamics, 2014, 2014, 1-10.	0.2	6
20	Condition monitoring of gasoline engine air intake system using second order sliding modes. International Journal of Vehicle Design, 2013, 62, 312.	0.3	5
21	Sliding mode control of lateral dynamics of an AUV. , 2012, , .		8
22	Static & dynamic sliding mode control of ball and beam system. , 2012, , .		3
23	HOSM control design of PEM fuel cell using super twisting algorithm. , 2012, , .		4
24	Smooth sliding mode control for PEM fuel cell system. , 2012, , .		1
25	Robust Parameter Estimation of Nonlinear Systems Using Sliding-Mode Differentiator Observer. IEEE Transactions on Industrial Electronics, 2011, 58, 680-689.	7.9	52
26	Dynamic Integral Sliding Mode Control of Nonlinear SISO Systems with States Dependent Matched and Mismatched Uncertainties. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 3932-3937.	0.4	6