

# Khalid Abidi

## List of Publications by Year in descending order

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36  
papers

1,000  
citations

858243

12  
h-index

843174

20  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1055  
citing authors

#	ARTICLE	IF	CITATIONS
1	A practical application of sliding mode control in the motion control of a high precision piezoelectric motor. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2022, 44, 1.	0.8	3
2	Intelligent Controller for Energy Storage System in Grid-Connected Microgrid. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 650-658.	5.9	12
3	Optimization of Fuzzy Energy-Management System for Grid-Connected Microgrid Using NSGA-II. IEEE Transactions on Cybernetics, 2021, 51, 5375-5386.	6.2	50
4	Discrete-time adaptive control of time-delayed linear systems. , 2021, , 111-136.		0
5	Discrete-time adaptive control of uncertain sampled-data systems with uncertain input delay: a reduction. IET Control Theory and Applications, 2020, 14, 1681-1691.	1.2	6
6	An O(T2) Discrete-Time Adaptive Regulator for Uncertain MIMO Systems with Bounded Input Delays. , 2020, , .		0
7	Disturbance Compensating Adaptive Regulator for MIMO Time-Delayed Discrete-Time Systems. , 2020, , .		0
8	Discrete-time Adaptive Regulation of Scalar Systems with Uncertain Upper-bounded Input Delay. , 2019, , .		1
9	Discrete-Time Adaptive Control of Nonlinear Systems with Input Delay. , 2019, , .		2
10	Discrete-Time Adaptive Control for Systems With Input Time-Delay and Non-Sector Bounded Nonlinear Functions. IEEE Access, 2019, 7, 4327-4337.	2.6	9
11	Advanced control strategy for an energy storage system in a grid-connected microgrid with renewable energy generation. IET Smart Grid, 2018, 1, 96-103.	1.5	15
12	Control of Uncertain Sampled-Data Systems: An Adaptive Posicast Control Approach. IEEE Transactions on Automatic Control, 2017, 62, 2597-2602.	3.6	12
13	Application of Internet of Things (IoT) for home energy management. , 2017, , .		4
14	Explicit time-delay compensation in teleoperation: An adaptive control approach. International Journal of Robust and Nonlinear Control, 2016, 26, 3388-3403.	2.1	19
15	Terminal Sliding Mode Control for speed tracking of a Carangiform robotic fish. , 2016, , .		3
16	Discrete-time Integral Sliding Mode Control of a smart joint for minimally invasive surgeries. , 2016, , .		2
17	On the Discrete Adaptive Posicast Controller. IFAC-PapersOnLine, 2015, 48, 422-427.	0.5	2
18	Intelligent Control System for Microgrids Using Multiagent System. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2015, 3, 1036-1045.	3.7	119

#	ARTICLE	IF	CITATIONS
19	Explicit adaptive time-delay compensation for bilateral teleoperation. , 2015, , .		1
20	Advanced Discrete-Time Control. Studies in Systems, Decision and Control, 2015, , .	0.8	16
21	Spatial periodic adaptive control approach for rotary systems in sampled time. International Journal of Robust and Nonlinear Control, 2014, 24, 1177-1188.	2.1	8
22	A robust discrete-time adaptive control approach for systems with almost periodic time-varying parameters. International Journal of Robust and Nonlinear Control, 2014, 24, 166-178.	2.1	13
23	Sampled-data iterative learning control for a piezoelectric motor. , 2012, , .		4
24	Iterative Learning Control for Sampled-Data Systems: From Theory to Practice. IEEE Transactions on Industrial Electronics, 2011, 58, 3002-3015.	5.2	79
25	Discrete-Time Adaptive Posicast Controller for Uncertain Time-Delay Systems. , 2011, , .		3
26	Discrete-time output integral sliding mode control for a piezo-motor driven linear motion stage. , 2008, , .		4
27	Discrete-Time Output Integral Sliding-Mode Control for a Piezomotor-Driven Linear Motion Stage. IEEE Transactions on Industrial Electronics, 2008, 55, 3917-3926.	5.2	92
28	A Discrete-Time Periodic Adaptive Control Approach for Time-Varying Parameters With Known Periodicity. IEEE Transactions on Automatic Control, 2008, 53, 575-581.	3.6	38
29	A revised Terminal Sliding Mode controller design for servo implementation. , 2008, , .		0
30	Integral Sliding Mode Output Tracking Controller for Sampled-Data Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 14211-14216.	0.4	0
31	A Discrete-Time Integral Sliding Mode Control Approach for Output Tracking with State Estimation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 14199-14204.	0.4	10
32	Output Tracking with Discrete-Time Integral Sliding Mode Control. , 2008, , 247-268.		0
33	On the Discrete-Time Integral Sliding-Mode Control. IEEE Transactions on Automatic Control, 2007, 52, 709-715.	3.6	301
34	Sliding-Mode Control for High-Precision Motion of a Piezostage. IEEE Transactions on Industrial Electronics, 2007, 54, 629-637.	5.2	86
35	Sliding-Mode Neuro-Controller for Uncertain Systems. IEEE Industrial Electronics Magazine, 2007, 54, 1676-1685.	2.3	86
36	A Study on High Accuracy Discrete-Time Sliding Mode Control. , 2006, , .		0