

# Khalid Abidi

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27  
papers

659  
citations

10  
h-index

25  
g-index

36  
ext. papers

882  
ext. citations

4.5  
avg, IF

4.19  
L-index

#	Paper	IF	Citations
27	A practical application of sliding mode control in the motion control of a high precision piezoelectric motor. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , <b>2022</b> , 44, 1	2	1
26	Intelligent Controller for Energy Storage System in Grid-Connected Microgrid. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 650-658	7.3	4
25	Optimization of Fuzzy Energy-Management System for Grid-Connected Microgrid Using NSGA-II. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 5375-5386	10.2	15
24	Discrete-time adaptive control of time-delayed linear systems <b>2021</b> , 111-136		
23	Discrete-time adaptive control of uncertain sampled-data systems with uncertain input delay: a reduction. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 1681-1691	2.5	3
22	. <i>IEEE Access</i> , <b>2019</b> , 7, 4327-4337	3.5	5
21	Advanced control strategy for an energy storage system in a grid-connected microgrid with renewable energy generation. <i>IET Smart Grid</i> , <b>2018</b> , 1, 96-103	2.7	11
20	Control of Uncertain Sampled-Data Systems: An Adaptive Posicast Control Approach. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 2597-2602	5.9	7
19	Application of Internet of Things (IoT) for home energy management <b>2017</b> ,		3
18	Terminal Sliding Mode Control for speed tracking of a Carangiform robotic fish <b>2016</b> ,		2
17	Explicit time-delay compensation in teleoperation: An adaptive control approach. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 3388-3403	3.6	13
16	Intelligent Control System for Microgrids Using Multiagent System. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , <b>2015</b> , 3, 1036-1045	5.6	66
15	Advanced Discrete-Time Control. <i>Studies in Systems, Decision and Control</i> , <b>2015</b> ,	0.8	6
14	On the Discrete Adaptive Posicast Controller. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 422-427	0.7	2
13	Spatial periodic adaptive control approach for rotary systems in sampled time. <i>International Journal of Robust and Nonlinear Control</i> , <b>2014</b> , 24, 1177-1188	3.6	6
12	A robust discrete-time adaptive control approach for systems with almost periodic time-varying parameters. <i>International Journal of Robust and Nonlinear Control</i> , <b>2014</b> , 24, 166-178	3.6	8
11	Sampled-data iterative learning control for a piezoelectric motor <b>2012</b> ,		1

10	Iterative Learning Control for Sampled-Data Systems: From Theory to Practice. <i>IEEE Transactions on Industrial Electronics</i> , <b>2011</b> , 58, 3002-3015	8.9	62
9	Discrete-Time Adaptive Posicast Controller for Uncertain Time-Delay Systems <b>2011</b> ,		3
8	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2008</b> , 55, 3917-3926	8.9	73
7	A Discrete-Time Periodic Adaptive Control Approach for Time-Varying Parameters With Known Periodicity. <i>IEEE Transactions on Automatic Control</i> , <b>2008</b> , 53, 575-581	5.9	24
6	Integral Sliding Mode Output Tracking Controller for Sampled-Data Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2008</b> , 41, 14211-14216		
5	A Discrete-Time Integral Sliding Mode Control Approach for Output Tracking with State Estimation. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2008</b> , 41, 14199-14204		6
4	Output Tracking with Discrete-Time Integral Sliding Mode Control <b>2008</b> , 247-268		
3	Sliding-Mode Control for High-Precision Motion of a Piezostage. <i>IEEE Transactions on Industrial Electronics</i> , <b>2007</b> , 54, 629-637	8.9	71
2	. <i>IEEE Industrial Electronics Magazine</i> , <b>2007</b> , 54, 1676-1685	6.2	65
1	On the Discrete-Time Integral Sliding-Mode Control. <i>IEEE Transactions on Automatic Control</i> , <b>2007</b> , 52, 709-715	5.9	201