Yassine Kali

List of Publications by Year
in descending order

34 papers	443 citations	1040018 9 h-index	940516 16 g-index
34 all docs	34 docs citations	34 times ranked	256 citing authors

#	Article	IF	Citations
1	Super-twisting algorithm with time delay estimation for uncertain robot manipulators. Nonlinear Dynamics, 2018, 93, 557-569.	5.2	82
2	Discrete-time second order sliding mode with time delay control for uncertain robot manipulators. Robotics and Autonomous Systems, 2017, 94, 53-60.	5.1	51
3	Current Control of a Six-Phase Induction Machine Drive Based on Discrete-Time Sliding Mode with Time Delay Estimation. Energies, 2019, 12, 170.	3.1	40
4	Optimal super-twisting algorithm with time delay estimation for robot manipulators based on feedback linearization. Robotics and Autonomous Systems, 2018, 108, 87-99.	5.1	30
5	Sliding Mode with Time Delay Control for MIMO nonlinear Systems With unknown dynamics. , 2015, , .		26
6	Time Delay Estimation Based Discrete-Time Super-Twisting Current Control for a Six-Phase Induction Motor. IEEE Transactions on Power Electronics, 2020, 35, 12570-12580.	7.9	25
7	Discrete sliding mode control based on exponential reaching law and time delay estimation for an asymmetrical six‐phase induction machine drive. IET Electric Power Applications, 2019, 13, 1660-1671.	1.8	21
8	Sliding Mode Control with Model-Based Switching Functions applied on a 7-DOF Exoskeleton Arm. IEEE/ASME Transactions on Mechatronics, 2020, , 1-1.	5.8	21
9	Attitude Tracking of a Tri-Rotor UAV based on Robust Sliding Mode with Time Delay Estimation. , 2018, , .		19
10	Recent Advances in Model Predictive and Sliding Mode Current Control Techniques of Multiphase Induction Machines. Frontiers in Energy Research, 2021, 9, .	2.3	18
11	Current control based on super-twisting algorithm with time delay estimation for a five-phase induction motor drive. , 2017, , .		14
12	Discrete Terminal Super-Twisting Current Control of a Six-Phase Induction Motor. Energies, 2021, 14, 1339.	3.1	13
13	Nonlinear Backstepping with Time Delay Estimation for Six-Phase Induction Machine. , 2019, , .		12
14	Position and attitude tracking of uncertain quadrotor unmanned aerial vehicles based on non-singular terminal super-twisting algorithm. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2020, 234, 396-408.	1.0	7
15	Control of Uncertain Robot Manipulators using Integral Backstepping and Time Delay Estimation. , 2016, , .		7
16	Sliding Mode with Time Delay Control for Robot Manipulators. Studies in Systems, Decision and Control, 2017, , 135-156.	1.0	6
17	Control of Robot Manipulators Using Modified Backstepping Sliding Mode. Studies in Systems, Decision and Control, 2019, , 107-136.	1.0	6
18	Robust Flight Control of a Tri-Rotor UAV based on Modified Super-Twisting Algorithm. , 2019, , .		5

#	Article	IF	Citations
19	Walking task space control using time delay estimation based sliding mode of position Controlled NAO biped robot. International Journal of Dynamics and Control, 2021, 9, 679-688.	2.5	5
20	A data mining based approach for process identification using historical data. International Journal of Modelling and Simulation, 2022, 42, 335-349.	3.3	5
21	Non-singular Terminal Second Order Sliding Mode with Time Delay Estimation for Uncertain Robot Manipulators. , 2017, , .		5
22	Non-singular terminal sliding mode with time delay control for uncertain 2nd order nonlinear systems. , 2017, , .		4
23	Comparative Study of Non-linear Controllers Applied to a Six-Phase Induction Machine. , 2018, , .		4
24	Robust Control of a 6-Phase Induction Generator for Variable Speed Wind Energy Conversion System. , 2020, , .		3
25	Nonsingular fast terminal second-order sliding mode for robotic manipulators based on feedback linearization. International Journal of Dynamics and Control, 2022, 10, 296-305.	2.5	3
26	Robust Finite-time Position and Attitude Tracking of a Quadrotor UAV using Super-Twisting Control Algorithm with Linear Correction Terms. , 2019, , .		3
27	Robot Manipulator Control Using Backstepping with Lagrange's Extrapolation and PI Compensator. Studies in Systems, Decision and Control, 2019, , 137-161.	1.0	2
28	Modified Fast Terminal Super-Twisting Control for Uncertain Robot Manipulators. , 2021, , .		2
29	Finite-Time Altitude and Attitude Tracking of a Tri-Rotor UAV using Modified Super-Twisting Second Order Sliding Mode. , 2018, , .		2
30	Finite-Time Flight Control of Uncertain Quadrotor UAV based on Modified Non-Singular Fast Terminal Super-Twisting Control. , 2020, , .		1
31	Dynamic Modeling and Simulation of a Slurry Mixing and Pumping Process: An Industrial Case. , 2019, , .		1
32	Second order sliding mode with time delay control for uncertain robot manipulators. , 2016, , .		0
33	Backstepping Super-Twisting for Robotic Manipulators with Matched and Unmatched Uncertainties. , 2021, , .		0
34	A Study on the Dynamic Behavior of a Slurry Mixing and Pumping Process: An Industrial Case. Advances in Intelligent Systems and Computing, 2021, , 122-143.	0.6	0