

Fouad Giri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2195234/publications.pdf>

Version: 2024-02-01

40
papers

650
citations

567281

15
h-index

642732

23
g-index

41
all docs

41
docs citations

41
times ranked

376
citing authors

#	ARTICLE	IF	CITATIONS
1	Using exponential time-varying gains for sampled-data stabilization and estimation. Automatica, 2016, 67, 244-251.	5.0	80
2	Cascade nonlinear control of shunt active power filters with average performance analysis. Control Engineering Practice, 2014, 26, 211-221.	5.5	39
3	Multi-objective output feedback control strategy for a variable speed wind energy conversion system. International Journal of Electrical Power and Energy Systems, 2020, 121, 106081.	5.5	38
4	Formal Framework for Nonlinear Control of PWM AC/DC Boost Rectifiersâ€”Controller Design and Average Performance Analysis. IEEE Transactions on Control Systems Technology, 2010, 18, 323-335.	5.2	34
5	PDE based observer design for nonlinear systems with large output delay. Systems and Control Letters, 2018, 113, 1-8.	2.3	33
6	Exponential Stability Analysis of Sampled-Data ODEâ€”PDE Systems and Application to Observer Design. IEEE Transactions on Automatic Control, 2017, 62, 3091-3098.	5.7	30
7	Nonlinear adaptive control design with average performance analysis for photovoltaic system based on half bridge shunt active power filter. International Journal of Electrical Power and Energy Systems, 2021, 125, 106478.	5.5	26
8	Multi-mode control strategy for a stand-alone wind energy conversion system with battery energy storage. Journal of Energy Storage, 2022, 51, 104481.	8.1	23
9	Nonlinear output feedback control of V2G singleâ€”phase onâ€”board BEV charger. Asian Journal of Control, 2020, 22, 1848-1859.	3.0	22
10	An adaptive nonlinear observer for sensorless wind energy conversion system with PMSG. Control Engineering Practice, 2020, 98, 104356.	5.5	22
11	Output feedback control of wind energy conversion system involving a doubly fed induction generator. Asian Journal of Control, 2019, 21, 2027-2037.	3.0	21
12	Observer Design For a Class of Parabolic Systems With Large Delays and Sampled Measurements. IEEE Transactions on Automatic Control, 2020, 65, 2200-2206.	5.7	21
13	Hybrid automaton-fuzzy control of single phase dual buck half bridge shunt active power filter for shoot through elimination and power quality improvement. International Journal of Electrical Power and Energy Systems, 2021, 131, 106986.	5.5	19
14	Output feedback control of sensorless photovoltaic systems, with maximum power point tracking. Control Engineering Practice, 2019, 84, 1-12.	5.5	18
15	A note on sampled-data observers. Systems and Control Letters, 2020, 144, 104760.	2.3	17
16	Adaptive Output Feedback Control of Interleaved Parallel Boost Converters Associated with Fuel Cell. Electric Power Components and Systems, 2015, 43, 1141-1158.	1.8	16
17	A Cascaded Controller for a Grid-Tied Photovoltaic System With Three-Phase Half-Bridge Interleaved Buck Shunt Active Power Filter: Hybrid Control Strategy and Fuzzy Logic Approach. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2022, 12, 320-330.	3.6	16
18	Fault Tolerant Backstepping Control for Double-Stage Grid-Connected Photovoltaic Systems Using Cascaded H-Bridge Multilevel Inverters. , 2022, 6, 1406-1411.		15

#	ARTICLE	IF	CITATIONS
19	Sampled-data adaptive observer for state-affine systems with uncertain output equation. Automatica, 2019, 103, 96-105.	5.0	14
20	Adaptive observer design for wave PDEs with nonlinear dynamics and parameter uncertainty. Automatica, 2021, 123, 109295.	5.0	14
21	System identification of a class of Wiener systems with hysteretic nonlinearities. International Journal of Adaptive Control and Signal Processing, 2017, 31, 332-359.	4.1	13
22	Cascaded H-Bridge Inverters for UPS Applications: Adaptive Backstepping Control and Formal Stability Analysis. , 2022, 6, 145-150.		12
23	Advanced nonlinear controller of single-phase shunt active power filter interfacing solar photovoltaic source and electrical power grid. International Transactions on Electrical Energy Systems, 2021, 31, .	1.9	12
24	PQ Theory-Based Control of Single-Stage V2G Three-Phase BEV Charger for High-Voltage Battery. IFAC-PapersOnLine, 2019, 52, 73-78.	0.9	11
25	Sampled-data observers for delay systems and hyperbolic PDE-ODE loops. Automatica, 2021, 123, 109349.	5.0	11
26	SISO linear system control via saturating actuator: L2 tracking performance in the presence of arbitrary-shaped inputs. International Journal of Control, 2012, 85, 1694-1707.	1.9	10
27	Managing a hybrid energy smart grid with a renewable energy source. Asian Journal of Control, 2019, 21, 2060-2073.	3.0	10
28	Adaptive Nonlinear Control of Reduced-Part three-Phase Shunt Active Power Filters. Asian Journal of Control, 2018, 20, 1720-1733.	3.0	8
29	Adaptive backstepping controller for DFIG-based wind energy conversion system. , 2021, , 235-260.		8
30	A Nonlinear Controller Based on a High Gain Observer for a Cascade Boost Converter in a Fuel Cell Distributed Power Supply System. IFAC-PapersOnLine, 2019, 52, 91-96.	0.9	6
31	Nonlinear Control Design and Stability Analysis of Single Phase Half Bridge Interleaved Buck Shunt Active Power Filter. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 2117-2128.	5.4	6
32	Sampled-data based observer design for nonlinear systems with output distributed delay. International Journal of Control, 2021, 94, 1870-1879.	1.9	4
33	Robust adaptive nonlinear controller of wind energy conversion system based on permanent magnet synchronous generator. , 2021, , 133-159.		4
34	Adaptive Multi-objective Sliding Mode Control of a Wind Energy Conversion System Involving Doubly Fed Induction Generator for Power Capture Optimization. Journal of Control, Automation and Electrical Systems, 2021, 32, 1663-1677.	2.0	4
35	Linear system control via saturating dynamic actuators global output-reference tracking. IET Control Theory and Applications, 2013, 7, 271-281.	2.1	3
36	Output feedback control of a three-phase four-wire unified power quality conditioner. Asian Journal of Control, 2020, 22, 1147-1162.	3.0	3

#	ARTICLE	IF	CITATIONS
37	Adaptive Observer for Systems with Distributed Output Delay. IFAC-PapersOnLine, 2021, 54, 120-125.	0.9	2
38	Sampled-data adaptive observer for state and parameter affine systems with distributed and discrete output delays. International Journal of Adaptive Control and Signal Processing, 0, , .	4.1	2
39	<scp>Sampled-data</scp> adaptive nonlinear control of shunt power filters. Advanced Control for Applications, 2021, 3, .	1.7	1
40	Nonlinear control of grid-connected wind energy conversion system without mechanical variables measurements. International Journal of Power Electronics and Drive Systems, 2021, 12, 1139.	0.6	0