Tousif Khan Nizami

List of Publications by Year
in descending order

20 papers	**215** citations	1478505 **6** h-index	1281871 **11** g-index
21 all docs	**21** docs citations	**21** times ranked	**155** citing authors

#	Article	IF	Citations
1	An intelligent adaptive control of DC–DC buck converters. Journal of the Franklin Institute, 2016, 353, 2588-2613.	3.4	63
2	Design and implementation of a neuro-adaptive backstepping controller for buck converter fed PMDC-motor. Control Engineering Practice, 2017, 58, 78-87.	5.5	48
3	Analysis and experimental investigation into a finite time current observer based adaptive backstepping control of buck converters. Journal of the Franklin Institute, 2018, 355, 4996-5017.	3.4	24
4	Adaptive backstepping control for DC-DC buck converters using Chebyshev neural network. , 2014, , .		14
5	Enhanced dynamic performance in DC–DC converter–PMDC motor combination through an intelligent non‐linear adaptive control scheme. IET Power Electronics, 2022, 15, 1607-1616.	2.1	13
6	Neural Network Integrated Adaptive Backstepping Control of DC-DC Boost Converter. IFAC-PapersOnLine, 2020, 53, 549-554.	0.9	9
7	Time bound online uncertainty estimation based adaptive control design for DC–DC buck converters with experimental validation. IFAC Journal of Systems and Control, 2021, 15, 100127.	1.7	6
8	Legendre Neural Network based Intelligent Control of DC-DC Step Down Converter-PMDC Motor Combination. IFAC-PapersOnLine, 2022, 55, 162-167.	0.9	6
9	A Fast Learning Neuro Adaptive Control of Buck Converter driven PMDC Motor: Design, Analysis and Validation. IFAC-PapersOnLine, 2017, 50, 37-42.	0.9	5
10	Adaptive Compensation of Actuator Failures using Multiple Models. IFAC-PapersOnLine, 2017, 50, 10350-10356.	0.9	5
11	Hybrid Backstepping Control for DC–DC Buck Converters. Lecture Notes in Electrical Engineering, 2015, , 129-141.	0.4	5
12	Finite time current observer based adaptive backstepping control of buck converters. , 2015, , .		3
13	Real time implementation of an adaptive backstepping control of buck converter PMDC-motor combinations. , 2017, , .		3
14	Relay approach for parameter extraction of li-ion battery and SOC estimation using finite time observer. , 2017, , .		3
15	Experimental investigations into a hybrid control algorithm for DC-DC buck converters. , 2015, , .		2
16	Single layer type II Chebyshev neural network based adaptive backstepping control of DC-DC buck converter. , 2016, , .		2
17	Laguerre Neural Network Driven Adaptive Control of DC-DC Step Down Converter. IFAC-PapersOnLine, 2020, 53, 13396-13401.	0.9	2
18	A feedback control design of buck converter: An artificial immune system based approach. , 2015, , .		1

#	Article	IF	Citations
19	A Single Layer Hermite Neural Network Based Direct Adaptive Control of DC-DC Buck Converter. , 2016, , .		1
20	Fast neuro-adaptive control of DC-DC buck converters: Design and implementation. , 2017, , .		0