

# Fayez Shakil Ahmed

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1677820/publications.pdf>

Version: 2024-02-01

10  
papers

435  
citations

1163117

8  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

463  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observer design based on immersion technics and canonical form. Systems and Control Letters, 2018, 114, 19-26.	2.3	17
2	Control of PEMFC Air-Feed System Using Lyapunov-Based Robust and Adaptive Higher Order Sliding Mode Control. IEEE Transactions on Control Systems Technology, 2015, 23, 1594-1601.	5.2	58
3	Comparison of robust and adaptive second order sliding mode control in PEMFC air-feed systems. International Journal of Hydrogen Energy, 2015, 40, 9491-9504.	7.1	47
4	Adaptive Second-Order Sliding Mode Observer-Based Fault Reconstruction for PEM Fuel Cell Air-Feed System. IEEE Transactions on Control Systems Technology, 2015, 23, 1098-1109.	5.2	157
5	Adaptive backstepping output feedback control of DC motor actuator with friction and load uncertainty compensation. International Journal of Robust and Nonlinear Control, 2015, 25, 1967-1992.	3.7	19
6	Estimation of exhaust gas aerodynamic force on the variable geometry turbocharger actuator: 1D flow model approach. Energy Conversion and Management, 2014, 84, 436-447.	9.2	7
7	Pressure and Friction Observer-Based Backstepping Control for a VGT Pneumatic Actuator. IEEE Transactions on Control Systems Technology, 2014, 22, 456-467.	5.2	20
8	PEM fuel cell air-feed system observer design for automotive applications: An adaptive numerical differentiation approach. International Journal of Hydrogen Energy, 2014, 39, 17210-17221.	7.1	57
9	Load governor based on constrained extremum seeking for PEM fuel cell oxygen starvation and compressor surge protection. International Journal of Hydrogen Energy, 2013, 38, 14314-14322.	7.1	50
10	Sensitivity analysis of LuGre friction model for pneumatic actuator control. , 2010, , .		3