

# Sandeep D Hanwate

## List of Publications by Year in descending order

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19  
papers

143  
citations

1684188

5  
h-index

1872680

6  
g-index

19  
all docs

19  
docs citations

19  
times ranked

105  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Policy for Load Frequency Control. IEEE Transactions on Power Systems, 2018, 33, 1142-1144.	6.5	37
2	Optimal PID design for Load frequency control using QRAWCP approach. IFAC-PapersOnLine, 2018, 51, 651-656.	0.9	19
3	Design of PID controller for sun tracker system using QRAWCP approach. International Journal of Computational Intelligence Systems, 2018, 11, 133.	2.7	18
4	Design of PID controller for inverted pendulum using stability boundary locus. , 2014, , .		13
5	Design and implementation of adaptive control logic for cart-inverted pendulum system. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2019, 233, 164-178.	1.0	11
6	Relative Stability Analysis of Perturbed Cart Inverted Pendulum: An Experimental Approach. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2018, 35, 640-655.	3.2	9
7	Improved performance of cart inverted pendulum system using LQR based PID controller and ANN. , 2015, , .		8
8	Analysis of Practical Non-minimum Phase Systems by Transfer Function Approach. , 2018, , .		6
9	Analysis of Effects due to Right Half Plane Zeros in PI Controller based Hydro Turbine $\hat{z}$ $\hat{z}$ This work was not supported by any organization.. IFAC-PapersOnLine, 2018, 51, 633-638.	0.9	5
10	Analysis of adverse effects due to zeros in non-minimum phase discrete-time linear systems. , 2017, , .		4
11	Analysis of Initial Undershoot in Step Response of Type-1 Nonminimum Phase Systems. , 2019, , .		3
12	Modelling and simulation of Quadruple Tank system using SBL-PI controller. , 2020, , .		3
13	Analysis of PSO-PID controller for CSTR temperature control. , 2020, , .		3
14	A Disturbance Observer-based Sliding Mode Control for Yawrate and Sideslip angle control of Four-Wheel Steering Vehicle. , 2021, , .		2
15	Optimal-PID based on QRAWCP approach for SIMO Systems with Experimental Validation. , 2018, , .		1
16	Yaw rate and sideslip angle control of active 4WS using a two-time scale based novel sliding mode control. , 2021, , .		1
17	Relative Stability Analysis of Load Frequency Control with QRAWCP-PID controller. , 2019, , .		0
18	Design of Robust Controller for 2-DOF Flexible Link Robot Manipulator. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Method of Detection of Initial Undershoot for Linear Time- Invariant systems. , 2021, , .		0