N M Singh

List of Publications by Year
in descending order

16 papers	91 citations	2682572 2 h-index	2917675 2 g-index
16 all docs	16 docs citations	16 times ranked	103 citing authors

#	Article	IF	Citations
1	Optimal load balancing strategy for hybrid energy management system in DC microgrid with PV, fuel cell and battery storage. , 2016, , .		24
2	Multi Robot Communication and Target Tracking system with controller design and implementation of SWARM robot using Arduino. , 2015, , .		11
3	A Blockchain Construct for Energy Trading against Sybil Attacks. , 2019, , .		10
4	A Passivity-Based Power-Shaping Control of Building HVAC Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2017, 139, .	1.6	9
5	Stability Analysis of Constrained Optimization Dynamics via Passivity Techniques. , 2018, 2, 91-96.		7
6	Robust tube based MPC for PVTOL trajectory tracking using systems flatness property. , 2016, , .		6
7	MPC based controller for dual active bidirectional DC-DC converter driving inverter using dynamic phasor approach. , 2017, , .		5
8	LMI based depth control for autonomous underwater vehicle. , 2016, , .		4
9	Impact dynamics based control of compass gait biped. , 2009, , .		3
10	Differential passivity like properties for a class of nonlinear systems. , 2018, , .		3
11	Coherency Identification in Multimachine Power Systems Using Dynamic Mode Decomposition. , 2020, , .		3
12	Accelerated Distributed Primal-Dual Dynamics Using Adaptive Synchronization. IEEE Access, 2019, 7, 120424-120440.	4.2	2
13	Passivity based control of stochastic mechanical system. , 2012, , .		1
14	Computational model of discharge across a gas/solid interface at high pressure. , 2012, , .		1
15	Blended algorithm for feedback linearization of single input control system. , 2013, , .		1
16	Electrodynamic analysis and characterisation of void discharge using particle in cell code. , 2013, , .		1