

David J Hill

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

376
papers

16,126
citations

59
h-index

119
g-index

411
ext. papers

20,764
ext. citations

5.2
avg. IF

7.25
L-index

#	Paper	IF	Citations
376	Definition and classification of power system stability IEEE/CIGRE joint task force on stability terms and definitions. <i>IEEE Transactions on Power Systems</i> , 2004 , 19, 1387-1401	7	1656
375	Short-Term Residential Load Forecasting Based on LSTM Recurrent Neural Network. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 841-851	10.7	719
374	Stability and L2-gain analysis for switched delay systems: A delay-dependent method. <i>Automatica</i> , 2006 , 42, 1769-1774	5.7	591
373	On stability, L2-gain and H ∞ control for switched systems. <i>Automatica</i> , 2008 , 44, 1220-1232	5.7	552
372	Dissipative Dynamical Systems: Basic Input-Output and State Properties. <i>Journal of the Franklin Institute</i> , 1980 , 309, 327-357	4	403
371	. <i>IEEE Transactions on Automatic Control</i> , 1988 , 33, 50-58	5.9	374
370	An ISS-modular approach for adaptive neural control of pure-feedback systems. <i>Automatica</i> , 2006 , 42, 723-731	5.7	363
369	Stability results for nonlinear feedback systems. <i>Automatica</i> , 1977 , 13, 377-382	5.7	328
368	Synchronization of Networks of Nonidentical Euler-Lagrange Systems With Uncertain Parameters and Communication Delays. <i>IEEE Transactions on Automatic Control</i> , 2011 , 56, 935-941	5.9	317
367	On hybrid impulsive and switching systems and application to nonlinear control. <i>IEEE Transactions on Automatic Control</i> , 2005 , 50, 1058-1062	5.9	293
366	Dissipativity Theory for Switched Systems. <i>IEEE Transactions on Automatic Control</i> , 2008 , 53, 941-953	5.9	282
365	. <i>IEEE Transactions on Automatic Control</i> , 1978 , 23, 143-149	5.9	252
364	Short-Term Residential Load Forecasting Based on Resident Behaviour Learning. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 1087-1088	7	249
363	Synchronization of complex dynamical networks with switching topology: A switched system point of view. <i>Automatica</i> , 2009 , 45, 2502-2511	5.7	233
362	Learning from neural control. <i>IEEE Transactions on Neural Networks</i> , 2006 , 17, 130-46		225
361	. <i>IEEE Transactions on Power Systems</i> , 1992 , 7, 54-64	7	219
360	A new strategy for transmission expansion in competitive electricity markets. <i>IEEE Transactions on Power Systems</i> , 2003 , 18, 374-380	7	201

359	Structure identification of uncertain general complex dynamical networks with time delay. <i>Automatica</i> , 2009 , 45, 1799-1807	5.7	195
358	Composite load modeling via measurement approach. <i>IEEE Transactions on Power Systems</i> , 2006 , 21, 663-672	7	184
357	. <i>IEEE Transactions on Power Systems</i> , 1993 , 8, 620-627	7	184
356	Nonlinear decentralized control of large-scale power systems. <i>Automatica</i> , 2000 , 36, 1275-1289	5.7	181
355	A unifying framework for global regulation via nonlinear output feedback: from ISS to iISS. <i>IEEE Transactions on Automatic Control</i> , 2004 , 49, 549-562	5.9	153
354	Event-triggered asynchronous intermittent communication strategy for synchronization in complex dynamical networks. <i>Neural Networks</i> , 2015 , 66, 1-10	9.1	149
353	Global transient stability and voltage regulation for power systems. <i>IEEE Transactions on Power Systems</i> , 2001 , 16, 678-688	7	148
352	Foundations and Challenges of Low-Inertia Systems (Invited Paper) 2018 ,		142
351	Connections between finite-gain and asymptotic stability. <i>IEEE Transactions on Automatic Control</i> , 1980 , 25, 931-936	5.9	126
350	Intelligent Time-Adaptive Transient Stability Assessment System. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 1049-1058	7	123
349	Robust decentralized nonlinear controller design for multimachine power systems. <i>Automatica</i> , 1997 , 33, 1725-1733	5.7	121
348	Multi-Timescale Coordinated Voltage/Var Control of High Renewable-Penetrated Distribution Systems. <i>IEEE Transactions on Power Systems</i> , 2017 , 32, 4398-4408	7	118
347	Passivity and stability of switched systems: A multiple storage function method. <i>Systems and Control Letters</i> , 2008 , 57, 158-164	2.4	118
346	Passivity-based control and synchronization of general complex dynamical networks. <i>Automatica</i> , 2009 , 45, 2107-2113	5.7	117
345	Multi-Agent Systems with Dynamical Topologies: Consensus and Applications. <i>IEEE Circuits and Systems Magazine</i> , 2013 , 13, 21-34	3.2	114
344	. <i>IEEE Transactions on Power Systems</i> , 2015 , 30, 1035-1046	7	111
343	Exponential Feedback Passivity and Stabilizability of Nonlinear Systems. <i>Automatica</i> , 1998 , 34, 697-703	5.7	111
342	Deterministic learning and rapid dynamical pattern recognition. <i>IEEE Transactions on Neural Networks</i> , 2007 , 18, 617-30		110

341	Prescribed-Time Consensus and Containment Control of Networked Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1138-1147	10.2	103
340	Attack structural vulnerability of power grids: A hybrid approach based on complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010 , 389, 595-603	3.3	102
339	. <i>IEEE Transactions on Power Systems</i> , 2008 , 23, 76-83	7	102
338	Synchronization of Dynamical Networks With Nonidentical Nodes: Criteria and Control. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2011 , 58, 584-594	3.9	100
337	Exponential Synchronization of Complex Delayed Dynamical Networks With Switching Topology. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2010 , 57, 2967-2980	3.9	97
336	Cascading failure in Watts&Trogatz small-world networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010 , 389, 1281-1285	3.3	95
335	Definition and Classification of Power System Stability [Revisited & Extended]. <i>IEEE Transactions on Power Systems</i> , 2021 , 36, 3271-3281	7	95
334	Global Asymptotical Synchronization of Chaotic Lur'e Systems Using Sampled Data: A Linear Matrix Inequality Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2008 , 55, 586-590	3.5	94
333	Lyapunov formulation of ISS cyclic-small-gain in continuous-time dynamical networks. <i>Automatica</i> , 2011 , 47, 2088-2093	5.7	87
332	A sector bound approach to feedback control of nonlinear systems with state quantization. <i>Automatica</i> , 2012 , 48, 145-152	5.7	85
331	An Extensible Approach for Non-Intrusive Load Disaggregation With Smart Meter Data. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 3362-3372	10.7	83
330	Global boundedness of discrete-time adaptive control just using estimator projection. <i>Automatica</i> , 1992 , 28, 1143-1157	5.7	83
329	. <i>IEEE Transactions on Energy Conversion</i> , 2017 , 32, 843-856	5.4	81
328	An improved model for structural vulnerability analysis of power networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009 , 388, 4259-4266	3.3	80
327	Emergency voltage control using search and predictive control. <i>International Journal of Electrical Power and Energy Systems</i> , 2002 , 24, 121-130	5.1	79
326	Numerical Simulation for Stochastic Transient Stability Assessment. <i>IEEE Transactions on Power Systems</i> , 2012 , 27, 1741-1749	7	78
325	Exploring Reliable Strategies for Defending Power Systems Against Targeted Attacks. <i>IEEE Transactions on Power Systems</i> , 2011 , 26, 1000-1009	7	72
324	Impulsive Consensus for Complex Dynamical Networks with Nonidentical Nodes and Coupling Time-Delays. <i>SIAM Journal on Control and Optimization</i> , 2011 , 49, 315-338	1.9	72

323	Global Bounded Synchronization of General Dynamical Networks With Nonidentical Nodes. <i>IEEE Transactions on Automatic Control</i> , 2012 , 57, 2656-2662	5.9	69
322	Robust nonlinear coordinated control of power systems. <i>Automatica</i> , 1996 , 32, 611-618	5.7	69
321	Online Distributed MPC-Based Optimal Scheduling for EV Charging Stations in Distribution Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 638-649	11.9	68
320	Decentralized nonlinear output-feedback stabilization with disturbance attenuation. <i>IEEE Transactions on Automatic Control</i> , 2001 , 46, 1623-1629	5.9	67
319	Impulsive Synchronization of Chaotic Lur'e Systems by Linear Static Measurement Feedback: An LMI Approach. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2007 , 54, 710-714		63
318	A HYBRID IMPULSIVE AND SWITCHING CONTROL STRATEGY FOR SYNCHRONIZATION OF NONLINEAR SYSTEMS AND APPLICATION TO CHUA'S CHAOTIC CIRCUIT. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2006 , 16, 229-238	2	62
317	Stability of dynamical networks with non-identical nodes: A multiple V-Lyapunov function method. <i>Automatica</i> , 2011 , 47, 2615-2625	5.7	57
316	Multi-Agent Optimal Allocation of Energy Storage Systems in Distribution Systems. <i>IEEE Transactions on Sustainable Energy</i> , 2017 , 8, 1715-1725	8.2	56
315	A Hierarchical Hidden Markov Model Framework for Home Appliance Modeling. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 3079-3090	10.7	56
314	Optimal Operation of Battery Energy Storage System Considering Distribution System Uncertainty. <i>IEEE Transactions on Sustainable Energy</i> , 2018 , 9, 1051-1060	8.2	56
313	Nonlinear adaptive control of feedback passive systems. <i>Automatica</i> , 1995 , 31, 1053-1060	5.7	56
312	Synchronization of complex delayed dynamical networks with nonlinearly coupled nodes. <i>Chaos, Solitons and Fractals</i> , 2009 , 40, 1506-1519	9.3	55
311	Decentralized robust disturbance attenuation for a class of large-scale nonlinear systems. <i>Systems and Control Letters</i> , 1999 , 37, 71-85	2.4	53
310	Input-to-state-KL-stability and criteria for a class of hybrid dynamical systems. <i>Applied Mathematics and Computation</i> , 2018 , 326, 124-140	2.7	52
309	On undervoltage load shedding in power systems. <i>International Journal of Electrical Power and Energy Systems</i> , 1997 , 19, 141-149	5.1	52
308	Small-Gain Based Output-Feedback Controller Design for a Class of Nonlinear Systems With Actuator Dynamic Quantization. <i>IEEE Transactions on Automatic Control</i> , 2012 , 57, 1326-1332	5.9	51
307	Attack Vulnerability of Complex Communication Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2008 , 55, 65-69	3.5	51
306	Load modeling by finding support vectors of load data from field measurements. <i>IEEE Transactions on Power Systems</i> , 2006 , 21, 726-735	7	51

305	Input-to-state exponents and related ISS for delayed discrete-time systems with application to impulsive effects. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 640-660	3.6	49
304	Transient stabilization of power systems with an adaptive control law. <i>Automatica</i> , 1994 , 30, 1409-1413	5.7	49
303	Improving Nonintrusive Load Monitoring Efficiency via a Hybrid Programming Method. <i>IEEE Transactions on Industrial Informatics</i> , 2016 , 12, 2148-2157	11.9	48
302	A Novel Consensus-Based Economic Dispatch for Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 3920-3922	10.7	48
301	Learning from ISS-modular adaptive NN control of nonlinear strict-feedback systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2012 , 23, 1539-50	10.3	47
300	Learning from neural control of nonlinear systems in normal form. <i>Systems and Control Letters</i> , 2009 , 58, 633-638	2.4	46
299	Stabilisation to input-to-state stability for continuous-time dynamical systems via event-triggered impulsive control with three levels of events. <i>IET Control Theory and Applications</i> , 2018 , 12, 1167-1179	2.5	45
298	Effects of rotational Inertia on power system damping and frequency transients 2015 ,		44
297	DETERMINISTIC LEARNING OF NONLINEAR DYNAMICAL SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2009 , 19, 1307-1328	2	44
296	Frequency Support From Wind Turbine Generators With a Time-Variable Droop Characteristic. <i>IEEE Transactions on Sustainable Energy</i> , 2018 , 9, 676-684	8.2	43
295	Towards A Theoretical Framework for Analysis and Intervention of Random Drift on General Networks. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 576-581	5.9	42
294	Input-to-state stability for discrete time-delay systems via the Razumikhin technique. <i>Systems and Control Letters</i> , 2009 , 58, 567-575	2.4	42
293	Fast Distributed Reactive Power Control for Voltage Regulation in Distribution Networks. <i>IEEE Transactions on Power Systems</i> , 2019 , 34, 802-805	7	42
292	Passivity-based output synchronization of dynamical networks with non-identical nodes 2010 ,		41
291	A notion of passivity for switched systems with state-dependent switching. <i>Journal of Control Theory and Applications</i> , 2006 , 4, 70-75		41
290	Hierarchical Deep Learning Machine for Power System Online Transient Stability Prediction. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 2399-2411	7	41
289	Critical Bus Voltage Support in Distribution Systems With Electric Springs and Responsibility Sharing. <i>IEEE Transactions on Power Systems</i> , 2017 , 32, 3584-3593	7	40
288	Output Synchronization of Dynamical Networks with Incrementally-Dissipative Nodes and Switching Topology. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2015 , 62, 2312-2323	3.9	40

287	Decentralized output-feedback control of large-scale nonlinear systems with sensor noise. <i>Automatica</i> , 2012 , 48, 2560-2568	5.7	40
286	A passification approach to adaptive nonlinear stabilization. <i>Systems and Control Letters</i> , 1996 , 28, 73-84	2.4	40
285	. <i>IEEE Transactions on Smart Grid</i> , 2016 , 7, 2748-2760	10.7	39
284	A generalization of the small-gain theorem for nonlinear feedback systems. <i>Automatica</i> , 1991 , 27, 1043-1045	3.7	39
283	Multiagent System Based Microgrid Energy Management via Asynchronous Consensus ADMM. <i>IEEE Transactions on Energy Conversion</i> , 2018 , 33, 886-888	5.4	38
282	Synchronization of Dynamical Networks by Network Control. <i>IEEE Transactions on Automatic Control</i> , 2012 , 57, 1574-1580	5.9	37
281	A Framework for Assessing Renewable Integration Limits With Respect to Frequency Performance. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 4444-4453	7	36
280	On Convexity of Power Flow Feasibility Boundary. <i>IEEE Transactions on Power Systems</i> , 2008 , 23, 811-813	3.7	36
279	Decomposable Dissipativity and Related Stability for Discrete-Time Switched Systems. <i>IEEE Transactions on Automatic Control</i> , 2011 , 56, 1666-1671	5.9	35
278	Robust Dispatch of High Wind Power-Penetrated Power Systems Against Transient Instability. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 174-186	7	34
277	. <i>IEEE Transactions on Smart Grid</i> , 2016 , 7, 2142-2153	10.7	34
276	Controlling complex dynamical networks with coupling delays to a desired orbit. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006 , 359, 42-46	2.3	32
275	When Structure Meets Function in Evolutionary Dynamics on Complex Networks. <i>IEEE Circuits and Systems Magazine</i> , 2014 , 14, 36-50	3.2	31
274	Global synchronization of complex dynamical networks with non-identical nodes 2008 ,		31
273	. <i>IEEE Transactions on Power Systems</i> , 1994 , 9, 1218-1225	7	31
272	Designing ancillary services markets for power system security. <i>IEEE Transactions on Power Systems</i> , 2000 , 15, 675-680	7	30
271	Online Scheduling for Hierarchical Vehicle-to-Grid System: Design, Formulation, and Algorithm. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 1302-1317	6.8	30
270	Aggregated demand response modelling for future grid scenarios. <i>Sustainable Energy, Grids and Networks</i> , 2016 , 5, 94-104	3.6	29

269	. <i>IEEE Transactions on Power Systems</i> , 2015 , 30, 3327-3337	7	29
268	. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 6343-6354	10.7	28
267	Delay Aware Power System Synchrophasor Recovery and Prediction Framework. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 3732-3742	10.7	28
266	Delay Aware Intelligent Transient Stability Assessment System. <i>IEEE Access</i> , 2017 , 5, 17230-17239	3.5	28
265	Static Voltage Stability Analysis of Distribution Systems Based on Network-Load Admittance Ratio. <i>IEEE Transactions on Power Systems</i> , 2019 , 34, 2270-2280	7	28
264	Coordinated Dispatch of Virtual Energy Storage Systems in Smart Distribution Networks for Loading Management. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 776-786	7.3	28
263	Distributionally Robust Optimal Power Flow in Multi-Microgrids With Decomposition and Guaranteed Convergence. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 43-55	10.7	28
262	Stability via Hybrid-Event-Time Lyapunov Function and Impulsive Stabilization for Discrete-Time Delayed Switched Systems. <i>SIAM Journal on Control and Optimization</i> , 2014 , 52, 1338-1365	1.9	27
261	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2009 , 56, 233-245	3.9	27
260	Uniform stability and ISS of discrete-time impulsive hybrid systems. <i>Nonlinear Analysis: Hybrid Systems</i> , 2010 , 4, 319-333	4.5	27
259	Power system cascading risk assessment based on complex network theory. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017 , 482, 532-543	3.3	26
258	Robust exponential input-to-state stability of impulsive systems with an application in micro-grids. <i>Systems and Control Letters</i> , 2014 , 65, 64-73	2.4	26
257	Transient stability and voltage regulation enhancement via coordinated control of generator excitation and SVC. <i>International Journal of Electrical Power and Energy Systems</i> , 2005 , 27, 121-130	5.1	26
256	. <i>IEEE Transactions on Sustainable Energy</i> , 2020 , 11, 1911-1921	8.2	26
255	Event-triggered control via impulses for exponential stabilization of discrete-time delayed systems and networks. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 1613-1638	3.6	26
254	Generic Demand Model Considering the Impact of Prosumers for Future Grid Scenario Analysis. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 819-829	10.7	26
253	Distributed Voltage Control and Power Management of Networked Microgrids. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2018 , 6, 1892-1902	5.6	25
252	Trajectory sensitivity analysis on the equivalent one-machine-infinite-bus of multi-machine systems for preventive transient stability control. <i>IET Generation, Transmission and Distribution</i> , 2015 , 9, 276-286	2.5	25

251	Cooperative output regulation of linear multi-agent network systems with dynamic edges. <i>Automatica</i> , 2017 , 77, 1-13	5.7	24
250	. <i>IEEE Transactions on Smart Grid</i> , 2017 , 8, 3020-3034	10.7	24
249	A Decomposition-Based Practical Approach to Transient Stability-Constrained Unit Commitment. <i>IEEE Transactions on Power Systems</i> , 2015 , 30, 1455-1464	7	24
248	Optimal capacity distribution on complex networks. <i>Europhysics Letters</i> , 2010 , 89, 58004	1.6	24
247	Uniform stability of large-scale delay discrete impulsive systems. <i>International Journal of Control</i> , 2009 , 82, 228-240	1.5	24
246	Enhancing Flexibility of an Islanded Microgrid With Electric Springs. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 899-909	10.7	24
245	Impact of Tie-Line Power on Inter-Area Modes With Increased Penetration of Wind Power. <i>IEEE Transactions on Power Systems</i> , 2016 , 31, 3051-3059	7	23
244	An improved framework for power grid vulnerability analysis considering critical system features. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014 , 395, 405-415	3.3	23
243	General Instability Results for Interconnected Systems. <i>SIAM Journal on Control and Optimization</i> , 1983 , 21, 256-279	1.9	23
242	A power flow based model for the analysis of vulnerability in power networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016 , 460, 105-115	3.3	23
241	Vector . <i>Automatica</i> , 2009 , 45, 1703-1707	5.7	22
240	Continuation of local bifurcations for power system differential-algebraic equation stability model. <i>IET Generation, Transmission and Distribution</i> , 2005 , 152, 575		22
239	Stability analysis of power system loads with recovery dynamics. <i>International Journal of Electrical Power and Energy Systems</i> , 1994 , 16, 277-286	5.1	22
238	Lyapunov functions of lur'e-postnikov form for structure preserving models of power systems. <i>Automatica</i> , 1989 , 25, 453-460	5.7	22
237	Stability analysis of decentralised robust adaptive control. <i>Systems and Control Letters</i> , 1988 , 11, 277-284.	4.4	22
236	Enhancing Resilience of Microgrids With Electric Springs. <i>IEEE Transactions on Smart Grid</i> , 2016 , 1-1	10.7	21
235	Synchronization of Complex Dynamical Networks with Switching Topology via Adaptive Control 2006 ,		21
234	Optimal Scheduling for EV Charging Stations in Distribution Networks: A Convexified Model. <i>IEEE Transactions on Power Systems</i> , 2016 , 1-1	7	21

233	. <i>IEEE Transactions on Smart Grid</i> , 2017 , 8, 1911-1921	10.7	20
232	Powering China's Sustainable Development with Renewable Energies: Current Status and Future Trend. <i>Electric Power Components and Systems</i> , 2015 , 43, 1193-1204	1	20
231	Stabilization and Tracking via Output Feedback for the Nonlinear Benchmark System. <i>Automatica</i> , 1998 , 34, 907-915	5.7	20
230	On the analysis of long-term voltage stability. <i>International Journal of Electrical Power and Energy Systems</i> , 1993 , 15, 229-237	5.1	20
229	. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 496-507	7	20
228	An Adaptive Distributionally Robust Model for Three-Phase Distribution Network Reconfiguration. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 1224-1237	10.7	20
227	Optimal integration of mobile battery energy storage in distribution system with renewables. <i>Journal of Modern Power Systems and Clean Energy</i> , 2015 , 3, 589-596	4	19
226	A deep learning-based general robust method for network reconfiguration in three-phase unbalanced active distribution networks. <i>International Journal of Electrical Power and Energy Systems</i> , 2020 , 120, 105982	5.1	19
225	. <i>IEEE Transactions on Control of Network Systems</i> , 2018 , 5, 901-912	4	19
224	Global power system control using generator excitation, PSS, FACTS devices and capacitor switching. <i>International Journal of Electrical Power and Energy Systems</i> , 2005 , 27, 448-464	5.1	19
223	Nonlinear Control of Dynamic Networks		19
222	Synchronization of dynamical networks with distributed event-based communication 2012 ,		18
221	A Lyapunov approach to analysis of discrete singular systems. <i>Systems and Control Letters</i> , 2002 , 45, 237-247	2.4	18
220	Synchrophasor Recovery and Prediction: A Graph-Based Deep Learning Approach. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 7348-7359	10.7	18
219	Small oscillation fault detection for a class of nonlinear systems with output measurements using deterministic learning. <i>Systems and Control Letters</i> , 2015 , 79, 39-46	2.4	17
218	Rapid Oscillation Fault Detection and Isolation for Distributed Systems via Deterministic Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 1187-1199	10.3	17
217	Lyapunov formulation of the large-scale, ISS cyclic-small-gain theorem: The discrete-time case. <i>Systems and Control Letters</i> , 2012 , 61, 266-272	2.4	17
216	Optimal Short-term Power Dispatch Scheduling for a Wind Farm with Battery Energy Storage System. <i>IFAC-PapersOnLine</i> , 2015 , 48, 518-523	0.7	17

215	Lyapunov formulation of the ISS cyclic-small-gain theorem for hybrid dynamical networks. <i>Nonlinear Analysis: Hybrid Systems</i> , 2012 , 6, 988-1001	4.5	17
214	Quantized stabilization of strict-feedback nonlinear systems based on ISS cyclic-small-gain theorem. <i>Mathematics of Control, Signals, and Systems</i> , 2012 , 24, 75-110	1.3	17
213	. <i>IEEE Transactions on Automatic Control</i> , 1990 , 35, 1253-1257	5.9	17
212	Small Fault Detection for a Class of Closed-Loop Systems via Deterministic Learning. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 897-906	10.2	17
211	Evolution and maintenance of cooperation via inheritance of neighborhood relationship. <i>Science Bulletin</i> , 2013 , 58, 3491-3498		16
210	Dissipativity of T-Periodic Linear Systems. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 1039-1047	5.9	16
209	Robustness of adaptive control without deadzones, data normalization or persistence of excitation. <i>Automatica</i> , 1989 , 25, 943-947	5.7	16
208	Large-scale aggregation of prosumers toward strategic bidding in joint energy and regulation markets. <i>Applied Energy</i> , 2020 , 271, 115159	10.7	15
207	. <i>IEEE Transactions on Power Systems</i> , 2014 , 29, 1546-1553	7	15
206	Induction motor load impact on power system eigenvalue sensitivity analysis. <i>IET Generation, Transmission and Distribution</i> , 2009 , 3, 690-700	2.5	15
205	On the structural controllability of networks of linear systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2010 , 43, 245-250		15
204	Hybrid control for high-penetration distribution grid based on operational mode conversion. <i>IET Generation, Transmission and Distribution</i> , 2013 , 7, 700-708	2.5	14
203	Tests for stability and instability of interconnected systems. <i>IEEE Transactions on Automatic Control</i> , 1979 , 24, 574-575	5.9	14
202	Incentive-based coordination mechanism for distributed operation of integrated electricity and heat systems. <i>Applied Energy</i> , 2021 , 285, 116373	10.7	14
201	State-in-mode analysis of the power flow Jacobian for static voltage stability. <i>International Journal of Electrical Power and Energy Systems</i> , 2019 , 105, 671-678	5.1	14
200	Distributed Coordinated Reactive Power Control for Voltage Regulation in Distribution Networks. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 312-323	10.7	14
199	. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 6214-6228	10.7	13
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