

# Xiaoting Gao

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

232  
citations

1306789

7  
h-index

1473754

9  
g-index

15  
all docs

15  
docs citations

15  
times ranked

218  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Event-Driven Convolutional Neural Architecture for Non-Intrusive Load Monitoring of Residential Appliance. IEEE Transactions on Consumer Electronics, 2020, 66, 173-182.	3.0	102
2	Critical Nodes Identification of Complex Power Systems Based on Electric Cactus Structure. IEEE Systems Journal, 2020, 14, 4477-4488.	2.9	35
3	State-Constraints Adaptive Backstepping Control for Active Magnetic Bearings With Parameters Nonstationarities and Uncertainties. IEEE Transactions on Industrial Electronics, 2021, 68, 9822-9831.	5.2	30
4	Novel Voltage Sag Protection Topology of Contactors for Uninterrupted Switching Capability. IEEE Transactions on Industry Applications, 2018, 54, 3170-3178.	3.3	24
5	Control Strategy of Intergrated Photovoltaic-UPQC System for DC-Bus Voltage Stability and Voltage Sags Compensation. Energies, 2019, 12, 4009.	1.6	11
6	Adaptive synchronization of complex dynamic networks with switching parameters subject to state constraints in power system. Journal of the Franklin Institute, 2021, 358, 9243-9262.	1.9	9
7	Full state constraints control of switched complex networks based on time-varying barrier Lyapunov functions. IET Control Theory and Applications, 2020, 14, 2419-2428.	1.2	9
8	Universal framework for vulnerability assessment of power grid based on complex networks. , 2018, , .		3
9	An Adaptive Control for Switching Power Amplifier of AMB. IEEE Transactions on Transportation Electrification, 2022, 8, 2374-2383.	5.3	3
10	Adaptive Control of a Class of Switched Nonlinear System with Partial State Constraints Using a Barrier Lyapunov Function. Mathematical Problems in Engineering, 2017, 2017, 1-7.	0.6	2
11	Displacement Estimation of Self-Sensing Magnetic Bearings Based on Biorthogonal Spline Wavelet. IEEE Access, 2021, 9, 76213-76223.	2.6	2
12	Backstepping design for adaptive control of a class of switched nonlinear system. , 2017, , .		1
13	Study on uninterrupted switching topology and its control strategy of voltage sag protection. , 2017, , .		1
14	Automated Load-Shifting Electric Drive Using Switched Model and Adaptive Backstepping Control. , 2018, , .		0
15	Robust Strong Structural Controllability of Complex Power Systems. Frontiers in Energy Research, 0, 10, .	1.2	0