

# Yun Zeng

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optimized Takagi-Sugeno Fuzzy Mixed H <sub>2</sub> /H <sub>∞</sub> Robust Controller Design Based on CPSOGSA Optimization Algorithm for Hydraulic Turbine Governing System. <i>Energies</i> , 2022, 15, 4771.	3.1	3
2	Eigen-Structure Assignment-Based Differential Evolution Algorithm for T-S Fuzzy Control Tuning Applied to Water-Turbine Governing System. <i>IEEE Access</i> , 2021, 9, 39322-39332.	4.2	4
3	Damping Formation Mechanism and Damping Injection of Virtual Synchronous Generator Based on Generalized Hamiltonian Theory. <i>Energies</i> , 2021, 14, 7082.	3.1	4
4	Optimized Robust Controller Design Based on CPSOGSA Optimization Algorithm and H <sub>2</sub> /H <sub>∞</sub> Weights Distribution Method for Load Frequency Control of Micro-Grid. <i>IEEE Access</i> , 2021, 9, 162093-162107.	4.2	8
5	Differential equation model of single penstock multi-machine system with hydraulic coupling. <i>IET Renewable Power Generation</i> , 2019, 13, 1153-1159.	3.1	15
6	Reconstruction of the complete characteristics of the hydro turbine based on inner energy loss. <i>Nonlinear Dynamics</i> , 2016, 86, 963-974.	5.2	22
7	Hamiltonian stabilization additional L <sub>2</sub> adaptive control and its application to hydro turbine generating sets. <i>International Journal of Control, Automation and Systems</i> , 2015, 13, 867-876.	2.7	15
8	The generalized Hamiltonian model for the shafting transient analysis of the hydro turbine generating sets. <i>Nonlinear Dynamics</i> , 2014, 76, 1921-1933.	5.2	64
9	Nonlinear hydro turbine model having a surge tank. <i>Mathematical and Computer Modelling of Dynamical Systems</i> , 2013, 19, 12-28.	2.2	42
10	Hamiltonian Model of Hydro Turbine with Sharing Common Conduit. , 2012, , .		5
11	High Order Generator Hamiltonian Model Included AVR and PSS Energy Function. , 2012, , .		1
12	New Flow Equation for Rotameter. , 2012, , .		2
13	Simulation Method of Low Frequency Oscillation Signal on Studying Generating Units Oscillation. , 2012, , .		0
14	The Calculation Model of Hydraulic Characteristics in Draft Tube Inlet Zone. , 2011, , .		0
15	Improvement Rotor Angle Oscillation of Hydro Turbine Generating Sets Based on Hamiltonian Damping Injecting Method. , 2010, , .		2
16	Building and Analysis of Hydro Turbine Dynamic Model with Elastic Water Column. , 2010, , .		3