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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.

147 papers	2,777 citations	29 h-index	47 g-index
153 ext. papers	3,282 ext. citations	4.3 avg, IF	5.72 L-index

#	Paper	IF	Citations
147	Control of a class of fractional-order chaotic systems via sliding mode. <i>Nonlinear Dynamics</i> , 2012 , 67, 893-901	5	143
146	Dynamic analysis and modeling of a novel fractional-order hydro-turbine-generator unit. <i>Nonlinear Dynamics</i> , 2015 , 81, 1263-1274	5	123
145	Fractional order Lyapunov stability theorem and its applications in synchronization of complex dynamical networks. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2014 , 19, 4105-4121	3.7	112
144	Hamiltonian modeling of multi-hydro-turbine governing systems with sharing common penstock and dynamic analyses under shock load. <i>Energy Conversion and Management</i> , 2016 , 108, 478-487	10.6	98
143	Application of Takagi-Sugeno fuzzy model to a class of chaotic synchronization and anti-synchronization. <i>Nonlinear Dynamics</i> , 2013 , 73, 1495-1505	5	95
142	Modeling a pumped storage hydropower integrated to a hybrid power system with solar-wind power and its stability analysis. <i>Applied Energy</i> , 2019 , 248, 446-462	10.7	87
141	Nonlinear modeling and dynamic analysis of hydro-turbine governing system in the process of load rejection transient. <i>Energy Conversion and Management</i> , 2015 , 90, 128-137	10.6	82
140	Hamiltonian analysis of a hydro-energy generation system in the transient of sudden load increasing. <i>Applied Energy</i> , 2017 , 185, 244-253	10.7	81
139	Chaotic synchronization and anti-synchronization for a novel class of multiple chaotic systems via a sliding mode control scheme. <i>Nonlinear Dynamics</i> , 2012 , 69, 35-55	5	75
138	Nonlinear dynamical analysis of hydro-turbine governing system with a surge tank. <i>Applied Mathematical Modelling</i> , 2013 , 37, 7611-7623	4.5	74
137	Nonlinear modeling and dynamic analysis of a hydro-turbine governing system in the process of sudden load increase transient. <i>Mechanical Systems and Signal Processing</i> , 2016 , 80, 414-428	7.8	67
136	Modeling and stability analysis of a fractional-order Francis hydro-turbine governing system. <i>Chaos, Solitons and Fractals</i> , 2015 , 75, 50-61	9.3	66
135	Circuit simulation for synchronization of a fractional-order and integer-order chaotic system. <i>Nonlinear Dynamics</i> , 2013 , 73, 1671-1686	5	64
134	Synchronization between integer-order chaotic systems and a class of fractional-order chaotic system based on fuzzy sliding mode control. <i>Nonlinear Dynamics</i> , 2012 , 70, 1549-1561	5	62
133	Dynamic modeling and dynamical analysis of pump-turbines in S-shaped regions during runaway operation. <i>Energy Conversion and Management</i> , 2017 , 138, 375-382	10.6	57
132	Synchronization between integer-order chaotic systems and a class of fractional-order chaotic systems via sliding mode control. <i>Chaos</i> , 2012 , 22, 023130	3.3	55
131	Model validation and stochastic stability of a hydro-turbine governing system under hydraulic excitations. <i>International Journal of Electrical Power and Energy Systems</i> , 2018 , 95, 156-165	5.1	46

130	Modeling oscillation modal interaction in a hydroelectric generating system. <i>Energy Conversion and Management</i> , 2018 , 174, 208-217	10.6	46
129	Nonlinear dynamic analysis for a Francis hydro-turbine governing system and its control. <i>Journal of the Franklin Institute</i> , 2014 , 351, 4596-4618	4	45
128	A New Fractional-Order Chaotic System and Its Synchronization with Circuit Simulation. <i>Circuits, Systems, and Signal Processing</i> , 2012 , 31, 1599-1613	2.2	43
127	The existence and uniqueness theorem of the solution to a class of nonlinear fractional order system with time delay. <i>Applied Mathematics Letters</i> , 2016 , 53, 45-51	3.5	38
126	No-chattering sliding mode control chaos in HindmarshRose neurons with uncertain parameters. <i>Computers and Mathematics With Applications</i> , 2011 , 61, 3161-3171	2.7	36
125	Hamiltonian model and dynamic analyses for a hydro-turbine governing system with fractional item and time-lag. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017 , 47, 35-47	3.7	35
124	Dynamics analysis of the fast-slow hydro-turbine governing system with different time-scale coupling. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018 , 54, 136-147	3.7	32
123	Nonlinear dynamics of a novel fractional-order Francis hydro-turbine governing system with time delay. <i>Chaos, Solitons and Fractals</i> , 2016 , 91, 329-338	9.3	32
122	Circuit implementation and model of a new multi-scroll chaotic system. <i>International Journal of Circuit Theory and Applications</i> , 2014 , 42, 407-424	2	32
121	Synchronization and circuit simulation of a new double-wing chaos. <i>Nonlinear Dynamics</i> , 2012 , 67, 1481-1504	15.04	32
120	Analysis and control of a hyperchaotic system with only one nonlinear term. <i>Nonlinear Dynamics</i> , 2012 , 67, 1745-1752	5	29
119	Prediction of multivariate chaotic time series via radial basis function neural network. <i>Complexity</i> , 2013 , 18, 55-66	1.6	29
118	Sensitivity analysis of a Pelton hydropower station based on a novel approach of turbine torque. <i>Energy Conversion and Management</i> , 2017 , 148, 785-800	10.6	29
117	Dynamic analysis of a pumped-storage hydropower plant with random power load. <i>Mechanical Systems and Signal Processing</i> , 2018 , 100, 524-533	7.8	28
116	Takagi-Sugeno fuzzy control for a wide class of fractional-order chaotic systems with uncertain parameters via linear matrix inequality. <i>JVC/Journal of Vibration and Control</i> , 2016 , 22, 2356-2369	2	27
115	Dynamic analysis and modelling of a Francis hydro-energy generation system in the load rejection transient. <i>IET Renewable Power Generation</i> , 2016 , 10, 1140-1148	2.9	27
114	Modeling, nonlinear dynamical analysis of a novel power system with random wind power and it's control. <i>Energy</i> , 2013 , 53, 139-146	7.9	26
113	The slow-fast dynamical behaviors of a hydro-turbine governing system under periodic excitations. <i>Nonlinear Dynamics</i> , 2017 , 87, 2519-2528	5	26

112	Nonlinear dynamics of fractional order Duffing system. <i>Chaos, Solitons and Fractals</i> , 2015 , 81, 111-116	9.3	25
111	Disturbance observer-based backstepping sliding mode fault-tolerant control for the hydro-turbine governing system with dead-zone input. <i>ISA Transactions</i> , 2019 , 88, 127-141	5.5	23
110	Fast-slow dynamics of a hydropower generation system with multi-time scales. <i>Mechanical Systems and Signal Processing</i> , 2018 , 110, 458-468	7.8	21
109	A novel surface-cluster approach towards transient modeling of hydro-turbine governing systems in the start-up process. <i>Energy Conversion and Management</i> , 2018 , 165, 861-868	10.6	21
108	Shaft mis-alignment induced vibration of a hydraulic turbine generating system considering parametric uncertainties. <i>Journal of Sound and Vibration</i> , 2018 , 435, 74-90	3.9	21
107	Finite-time stability of a class of nonlinear fractional-order system with the discrete time delay. <i>International Journal of Systems Science</i> , 2017 , 48, 984-993	2.3	19
106	Stability analysis of a hydro-turbine governing system considering inner energy losses. <i>Renewable Energy</i> , 2019 , 134, 258-266	8.1	19
105	The modeling of the fractional-order shafting system for a water jet mixed-flow pump during the startup process. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015 , 29, 12-24	3.7	17
104	Stability of Nonlinear Fractional-Order Time Varying Systems. <i>Journal of Computational and Nonlinear Dynamics</i> , 2016 , 11,	1.4	17
103	Nonlinear Predictive Control of a Hydropower System Model. <i>Entropy</i> , 2015 , 17, 6129-6149	2.8	17
102	Dynamic regulation reliability of a pumped-storage power generating system: Effects of wind power injection. <i>Energy Conversion and Management</i> , 2020 , 222, 113226	10.6	17
101	Safety assessment of hydro-generating units using experiments and grey-entropy correlation analysis. <i>Energy</i> , 2018 , 165, 222-234	7.9	17
100	An unusual chaotic system and its control. <i>Mathematical and Computer Modelling</i> , 2013 , 57, 2473-2493		16
99	Dynamic characteristics for a hydro-turbine governing system with viscoelastic materials described by fractional calculus. <i>Applied Mathematical Modelling</i> , 2018 , 58, 128-139	4.5	15
98	Control for a class of four-dimensional chaotic systems with random-varying parameters and noise disturbance. <i>JVC/Journal of Vibration and Control</i> , 2013 , 19, 1080-1086	2	15
97	Fractional-Order Three-Dimensional n Circuit Network. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2015 , 62, 2401-2410	3.9	15
96	No-chattering sliding mode control in a class of fractional-order chaotic systems. <i>Chinese Physics B</i> , 2011 , 20, 120506	1.2	15
95	Flow induced noise characterization of pump turbine in continuous and intermittent load rejection processes. <i>Renewable Energy</i> , 2019 , 139, 1029-1039	8.1	15

94	Mathematical model and parametric uncertainty analysis of a hydraulic generating system. <i>Renewable Energy</i> , 2019 , 136, 1217-1230	8.1	15
93	Non-linear fuzzy predictive control of hydroelectric system. <i>IET Generation, Transmission and Distribution</i> , 2017 , 11, 1966-1975	2.5	14
92	Synchronization and anti-synchronization of fractional dynamical networks. <i>JVC/Journal of Vibration and Control</i> , 2015 , 21, 3383-3402	2	13
91	Control and Synchronization of Chaos in RCL-Shunted Josephson Junction with Noise Disturbance Using Only One Controller Term. <i>Abstract and Applied Analysis</i> , 2012 , 2012, 1-14	0.7	12
90	Bayesian network approach to fault diagnosis of a hydroelectric generation system. <i>Energy Science and Engineering</i> , 2019 , 7, 1669-1677	3.4	11
89	Performance evaluation in enabling safety for a hydropower generation system. <i>Renewable Energy</i> , 2019 , 143, 1628-1642	8.1	11
88	Fuzzy generalised predictive control for a class of fractional-order non-linear systems. <i>IET Control Theory and Applications</i> , 2018 , 12, 87-96	2.5	11
87	A Heuristic T-S Fuzzy Model for the Pumped-Storage Generator-Motor Using Variable-Length Tree-Seed Algorithm-Based Competitive Agglomeration. <i>Energies</i> , 2018 , 11, 944	3.1	11
86	Dynamic analysis of multi-unit hydropower systems in transient process. <i>Nonlinear Dynamics</i> , 2017 , 90, 535-548	5	11
85	Synchronization between a novel class of fractional-order and integer-order chaotic systems via a sliding mode controller. <i>Chinese Physics B</i> , 2012 , 21, 120507	1.2	11
84	Non-linear modelling and stability analysis of the PTGS at pump mode. <i>IET Renewable Power Generation</i> , 2017 , 11, 827-836	2.9	11
83	A review of dynamic models and stability analysis for a hydro-turbine governing system. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 144, 110880	16.2	11
82	Grid-connection analysis of hydro-turbine generator unit with stochastic disturbance. <i>IET Renewable Power Generation</i> , 2019 , 13, 500-509	2.9	11
81	Synchronization and Antisynchronization of a Class of Chaotic Systems With Nonidentical Orders and Uncertain Parameters. <i>Journal of Computational and Nonlinear Dynamics</i> , 2015 , 10,	1.4	10
80	Nonlinear dynamic analysis and modeling of fractional permanent magnet synchronous motors. <i>JVC/Journal of Vibration and Control</i> , 2016 , 22, 1855-1875	2	10
79	Assessments of economic benefits for hydro-wind power systems: Development of advanced model and quantitative method for reducing the power wastage. <i>Journal of Cleaner Production</i> , 2020 , 277, 123823	10.3	10
78	Parametric uncertainty in affecting transient characteristics of multi-parallel hydropower systems in the successive load rejection. <i>International Journal of Electrical Power and Energy Systems</i> , 2019 , 106, 444-454	5.1	10
77	Transient safety assessment and risk mitigation of a hydroelectric generation system. <i>Energy</i> , 2020 , 196, 117135	7.9	9

76	Dynamic safety assessment of a nonlinear pumped-storage generating system in a transient process. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019 , 67, 192-202	3.7	9
75	Analysis of the gyroscopic effect on the hydro-turbine generator unit. <i>Mechanical Systems and Signal Processing</i> , 2019 , 132, 138-152	7.8	9
74	Enhancement of the performance of nonlinear vibration energy harvesters by exploiting secondary resonances in multi-frequency excitations. <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	9
73	Priority analysis for risk factors of equipment in a hydraulic turbine generator unit. <i>Journal of Loss Prevention in the Process Industries</i> , 2019 , 58, 1-7	3.5	8
72	Stochastic global stability and bifurcation of a hydro-turbine generator. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019 , 72, 64-77	3.7	8
71	Dynamic modeling and energy distribution analysis in a hydroelectric generating system considering the stochastic turbine flow. <i>International Journal of Electrical Power and Energy Systems</i> , 2018 , 103, 611-621	5.1	8
70	Controllability of nonlinear fractional order integrodifferential system with input delay. <i>Mathematical Methods in the Applied Sciences</i> , 2019 , 42, 3799-3817	2.3	7
69	Dynamic evolution of a hydraulic-mechanical-electric system with randomly fluctuating speed. <i>Nonlinear Dynamics</i> , 2018 , 92, 1801-1813	5	7
68	Fractional-order LCR infinite rectangle circuit network. <i>IET Circuits, Devices and Systems</i> , 2016 , 10, 383-393	1.1	7
67	Pumping phase modulation analysis for operational quality of a pumped-storage generating system. <i>Energy Conversion and Management</i> , 2019 , 199, 111989	10.6	7
66	Anti-synchronization for a class of multi-dimensional autonomous and non-autonomous chaotic systems on the basis of the sliding mode with noise. <i>Physica Scripta</i> , 2012 , 85, 065006	2.6	7
65	A brief review of numerical solving methods for internal fluid of pumped storage unit. <i>International Journal of Energy Research</i> , 2020 , 44, 7886-7902	4.5	6
64	Fractional order PID and application of its circuit model 2016 , 39, 695-703		6
63	Dynamic maintenance planning of a hydro-turbine in operational life cycle. <i>Reliability Engineering and System Safety</i> , 2020 , 204, 107129	6.3	6
62	Observer-Based Adaptive Output Feedback Fault Tolerant Control for Nonlinear Hydro-Turbine Governing System with State Delay. <i>Asian Journal of Control</i> , 2020 , 22, 192-203	1.7	6
61	Multi-objective optimization of a hydro-wind-photovoltaic power complementary plant with a vibration avoidance strategy. <i>Applied Energy</i> , 2021 , 301, 117459	10.7	6
60	Feigenbaum's constants in reverse bifurcation of fractional-order Rössler system. <i>Chaos, Solitons and Fractals</i> , 2017 , 99, 116-123	9.3	5
59	Vibration Characteristics of a Hydroelectric Generating System During the Load Rejection Process. <i>Journal of Computational and Nonlinear Dynamics</i> , 2019 , 14,	1.4	5

58	Fractional-Order 2 InRLC Circuit Network. <i>Journal of Circuits, Systems and Computers</i> , 2015 , 24, 15501420.9	0.9	5
57	A CMAC-PID based on pitch angle controller for direct drive permanent magnet synchronous wind turbine. <i>JVC/Journal of Vibration and Control</i> , 2016 , 22, 1657-1666	2	5
56	Stability analysis of nonlinear hydroelectric power generating system in the transition of sudden load decrease 2020 , 43, 438-450		5
55	Dynamic evolution characteristics of a fractional order hydropower station system. <i>Modern Physics Letters B</i> , 2018 , 32, 1750363	1.6	5
54	Hamiltonian Formulation and Analysis for Transient Dynamics of Multi-Unit Hydropower System. <i>Journal of Computational and Nonlinear Dynamics</i> , 2018 , 13,	1.4	5
53	Fast-flow dynamic behaviors of a hydraulic generating system with multi-timescales. <i>JVC/Journal of Vibration and Control</i> , 2019 , 25, 2863-2874	2	5
52	Takagi-Sugeno Fuzzy Predictive Control for a Class of Nonlinear System With Constrains and Disturbances. <i>Journal of Computational and Nonlinear Dynamics</i> , 2015 , 10,	1.4	5
51	Effects of Travel Speed and Collector on Evaluation of the Water Application Uniformity of a Center Pivot Irrigation System. <i>Water (Switzerland)</i> , 2020 , 12, 1916	3	5
50	Flexibility assessment of a hybrid power system: Hydroelectric units in balancing the injection of wind power. <i>Renewable Energy</i> , 2021 , 171, 1313-1326	8.1	5
49	Partly Duffing Oscillator Stochastic Resonance Method and Its Application on Mechanical Fault Diagnosis. <i>Shock and Vibration</i> , 2016 , 2016, 1-14	1.1	5
48	Multiscale power fluctuation evaluation of a hydro-wind-photovoltaic system. <i>Renewable Energy</i> , 2021 , 175, 153-166	8.1	5
47	Excitation Current Analysis of a Hydropower Station Model Considering Complex Water Diversion Pipes. <i>Journal of Energy Engineering - ASCE</i> , 2017 , 143, 04017012	1.7	4
46	Bursting oscillations in a hydro-turbine governing system with two time scales. <i>Chinese Physics B</i> , 2017 , 26, 128202	1.2	4
45	An Intelligent Optimization Method for Vortex-Induced Vibration Reducing and Performance Improving in a Large Francis Turbine. <i>Energies</i> , 2017 , 10, 1901	3.1	4
44	Controllability of fractional-order directed complex networks. <i>Modern Physics Letters B</i> , 2014 , 28, 1450211.6	1.6	4
43	Fractional-order multiple RL circuit. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2014 , 63, 038401	0.6	4
42	Sensitivity analysis and low frequency oscillations for bifurcation scenarios in a hydraulic generating system. <i>Renewable Energy</i> , 2020 , 162, 334-344	8.1	4
41	Development and Experimental Study of the First Stage in a Two-Stage Water-Flooded Single-Screw Compressor Unit for Polyethylene Terephthalate Bottle Blowing System. <i>Energies</i> , 2020 , 13, 4232	3.1	4

40	Transient analysis to air chamber and orifice surge tanks in a hydroelectric generating system during the successive load rejection. <i>Energy Conversion and Management</i> , 2021 , 244, 114449	10.6	4
39	Fractional-Order Modeling and Dynamical Analysis of a Francis Hydro-Turbine Governing System with Complex Penstocks. <i>Transactions of Tianjin University</i> , 2018 , 24, 32-44	2.9	3
38	Controllability of fractional-order Chua's circuit. <i>Chinese Physics B</i> , 2015 , 24, 030203	1.2	3
37	Fractional-order Low-Pass Filter Circuit. <i>Journal of Electrical Engineering and Technology</i> , 2015 , 10, 1597-1609	1.4	3
36	Performance analysis of pumped-storage plant from condenser mode to generating process. <i>Journal of Energy Storage</i> , 2020 , 29, 101286	7.8	3
35	Nonlinear modal interaction analysis and vibration characteristics of a francis hydro-turbine generator unit. <i>Renewable Energy</i> , 2021 , 168, 854-864	8.1	3
34	Signal Denoising Method Based on Adaptive Redundant Second-Generation Wavelet for Rotating Machinery Fault Diagnosis. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-10	1.1	3
33	Fuzzy predictive functional control of a class of non-linear systems. <i>IET Control Theory and Applications</i> , 2019 , 13, 2281-2288	2.5	3
32	Transient stability of a hydro-turbine governing system with different tailrace tunnels. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2020 , 58, 60-69	1.9	3
31	Nonlinear fast-flow dynamics of a coupled fractional order hydropower generation system. <i>Chinese Physics B</i> , 2018 , 27, 128202	1.2	3
30	Exploring the Regulation Reliability of a Pumped Storage Power Plant in a Wind-Solar Hybrid Power Generation System. <i>Water (Switzerland)</i> , 2021 , 13, 2548	3	3
29	Controllability of Fractional-Order Directed Complex Networks, with Self Loop and Double Edge Structure. <i>Journal of Circuits, Systems and Computers</i> , 2015 , 24, 1550087	0.9	2
28	Fractional derivative modeling for suspended sediment in unsteady flows. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019 , 79, 104971	3.7	2
27	State feedback predictive control for nonlinear hydro-turbine governing system. <i>JVC/Journal of Vibration and Control</i> , 2017 , 107754631774001	2	2
26	Fractional-order L-CR filter circuit network. <i>Chinese Physics B</i> , 2015 , 24, 080204	1.2	2
25	Local bifurcation and continuation of a non-linear hydro-turbine governing system in a single-machine infinite-bus power system. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 3346-3355	2.5	2
24	A Theoretical Method for Evaluating the Lubrication Performance of the Meshing Pair Profiles in Water Flooded Single Screw Compressors Based on the Micro Deflecting Motion Trajectory. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5244	2.6	2
23	Dynamic analysis of variable-speed pumped storage plants for mitigating effects of excess wind power generation. <i>International Journal of Electrical Power and Energy Systems</i> , 2022 , 135, 107453	5.1	2

22	Modeling a pumped storage power integration to a hybrid power system with solar-wind power and its stability analysis. <i>Energy Procedia</i> , 2019 , 158, 6225-6230	2.3	1
21	On the Fractional-Order 3D π Memristor-LC Circuit Network Model. <i>Electric Power Components and Systems</i> , 2019 , 47, 537-550	1	1
20	A Feasibility Analysis of Controlling a Hybrid Power System over Short Time Intervals. <i>Energies</i> , 2020 , 13, 5682	3.1	1
19	Probabilistic Entropy EMD Thresholding for Periodic Fault Signal Enhancement in Rotating Machine. <i>Shock and Vibration</i> , 2017 , 2017, 1-14	1.1	1
18	Stability of multi-hydro-turbine governing time-delay systems with sharing tailrace surge tank. <i>Journal of Vibroengineering</i> , 2018 , 20, 2734-2744	0.5	1
17	Dynamical assessment of a PTGS with time delay. <i>IET Renewable Power Generation</i> , 2019 , 13, 2594-2603	2.9	1
16	Time-frequency domain characteristics analysis of a hydro-turbine governor system considering vortex rope excitation. <i>Renewable Energy</i> , 2021 , 183, 172-172	8.1	1
15	Advantages of variable-speed pumped storage plants in generating phase-modulation mode: rapidity and stability. <i>IET Renewable Power Generation</i> , 2020 , 14, 3732-3740	2.9	1
14	Design of a Nonlinear Predictive Controller for a Fractional-Order Hydraulic Turbine Governing System with Mechanical Time Delay. <i>Energies</i> , 2019 , 12, 4727	3.1	1
13	Influence of Balance Hole Diameter on Leakage Flow of the Balance Chamber in a Centrifugal Pump. <i>Shock and Vibration</i> , 2021 , 2021, 1-11	1.1	1
12	Complexity of Construction Mega Infrastructure Project. <i>Complexity</i> , 2018 , 2018, 1-1	1.6	1
11	The potential for photovoltaic-powered pumped-hydro systems to reduce emissions, costs, and energy insecurity in rural China. <i>Energy Conversion and Management: X</i> , 2021 , 11, 100108	2.5	1
10	A start-up optimization strategy of a hydroelectric generating system: From a symmetrical structure to asymmetric structure on diversion pipes. <i>Renewable Energy</i> , 2021 , 180, 1148-1165	8.1	1
9	Influence of Flexible Generation Mode on the Stability of Hydropower Generation System: Stability Assessment of Part-Load Operation. <i>Energies</i> , 2022 , 15, 3956	3.1	1
8	Making connections: Information transfer in hydropower generation system during the transient process of load rejection. <i>Sustainable Energy Technologies and Assessments</i> , 2022 , 50, 101766	4.7	0
7	Comprehensive Regulation Benefits of Hydropower Generation System in Reducing Wind Power Fluctuation. <i>Water (Switzerland)</i> , 2021 , 13, 2987	3	0
6	Vibration Characteristics of a Hydroelectric Generating System with Different Hydraulic-Mechanical-Electric Parameters in a Sudden Load Increasing Process. <i>Energies</i> , 2021 , 14, 7319	3.1	
5	Design of a novel hybrid control for permanent magnet synchronous generatorBased wind energy conversion system. <i>JVC/Journal of Vibration and Control</i> , 107754632110105	2	

- 4 Fast-slow bursting behaviors of hydroelectric governing system with double periodic excitations
2021, 44, 342-354
- 3 Evaluation of parametric effect on transient stability of a multi-unit hydroelectric generating system. *IET Renewable Power Generation*, **2021**, 15, 1624-1631 2.9
- 2 Low Frequency Oscillations in a Hydroelectric Generating System to the Variability of Wind and Solar Power. *Water (Switzerland)*, **2021**, 13, 1978 3
- 1 A General Study on 3D Fractional order Hexagonal RLC Circuit Network. *IEEE Access*, **2022**, 1-1 3.5