

Xu Chen

List of Publications by Year in descending order

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237
papers

9,430
citations

38742

50
h-index

49909

87
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all docs

239
docs citations

239
times ranked

9444
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Near-fault Pulse-like Motion Characteristics on Seismic Performance of Tall Pier Bridges with Fragility Analysis. <i>Journal of Earthquake Engineering</i> , 2022, 26, 2001-2022.	2.5	17
2	Solving static and dynamic multi-area economic dispatch problems using an improved competitive swarm optimization algorithm. <i>Energy</i> , 2022, 238, 122035.	8.8	36
3	Seismic resilient design with base isolation device using friction pendulum bearing and viscous damper. <i>Soil Dynamics and Earthquake Engineering</i> , 2022, 153, 107073.	3.8	50
4	Seismic vulnerability assessment of tall pier bridges under mainshock-aftershock-like earthquake sequences using vector-valued intensity measure. <i>Engineering Structures</i> , 2022, 253, 113732.	5.3	82
5	Centennial changes in sedimentary phosphorus forms and trace elements in response to damming and anthropogenic pollution in a floodplain lake, central China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 28446.	5.3	4
6	A quasi-tuned-mass-damper design concept for mitigating the dynamic displacement demand of tall piers. <i>Soil Dynamics and Earthquake Engineering</i> , 2022, 155, 107172.	3.8	4
7	Laboratory Study of the Impact of the Surface Solitary Waves Created by the Internal Solitary Waves on Optical Imaging. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	2.6	6
8	Self-adaptive differential evolution with Gaussianâ€“Cauchy mutation for large-scale CHP economic dispatch problem. <i>Neural Computing and Applications</i> , 2022, 34, 11769-11787.	5.6	19
9	Seismic performance assessment of base-isolated tall pier bridges using friction pendulum bearings achieving resilient design. <i>Structures</i> , 2022, 38, 618-629.	3.6	7
10	Seismic response mitigation of girder displacement of cable-stayed bridge using inerter systems. <i>Structures</i> , 2022, 39, 928-944.	3.6	6
11	Control-Oriented In Situ Imaging and Data Analytics for Coaxial Monitoring of Powder Bed Fusion Additive Manufacturing. , 2022, , 193-207.		1
12	A New Kinetic Modeling of Polyamide 12 Degradation in Selective Laser Sintering. , 2022, , 404-420.		0
13	PHGDH expression increases with progression of Alzheimerâ€™s disease pathology and symptoms. <i>Cell Metabolism</i> , 2022, 34, 651-653.	16.2	11
14	Pounding performance between a seismic-isolated long-span girder bridge and its approaches. <i>Engineering Structures</i> , 2022, 262, 114397.	5.3	9
15	Classification of Tea Quality Levels Using Near-Infrared Spectroscopy Based on CLPSO-SVM. <i>Foods</i> , 2022, 11, 1658.	4.3	21
16	Fast seismic response estimation of tall pier bridges based on deep learning techniques. <i>Engineering Structures</i> , 2022, 266, 114566.	5.3	10
17	Updated parameterization of internal tidal mixing in the deep ocean based on laboratory rotating tank experiments. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2022, , 105141.	1.4	2
18	Lead-rubber-bearing with negative stiffness springs (LRB-NS) for base-isolation seismic design of resilient bridges: A theoretical feasibility study. <i>Engineering Structures</i> , 2022, 266, 114601.	5.3	40

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19	<i>PositiveEnergy</i> Douyin: constructing "playful patriotism" in a Chinese short-video application. <i>Chinese Journal of Communication</i> , 2021, 14, 97-117.	2.0	78
20	Multi-Objective Optimization Design of a Modular Linear Permanent-Magnet Vernier Machine by Combined Approximation Models and Differential Evolution. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 4634-4645.	7.9	34
21	Study on Inversion Amplitude of Internal Solitary Waves Applied to Shallow Sea in the Laboratory. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021, 18, 577-581.	3.1	9
22	Chrysophyte stomatocysts and their associations with environmental variables in three peatlands in the subtropical monsoon climate zone of China. <i>Ecological Indicators</i> , 2021, 121, 107125.	6.3	4
23	On the resonant triad interaction over mid-ocean ridges. <i>Ocean Modelling</i> , 2021, 158, 101734.	2.4	5
24	Seismic performance of pre-fabricated segmental bridge piers with grouted splice sleeve connections. <i>Engineering Structures</i> , 2021, 229, 111668.	5.3	39
25	Seismic assessment of tall pier bridges with double-column bents retrofitted with buckling restrained braces subjected to near-fault motions. <i>Engineering Structures</i> , 2021, 226, 111390.	5.3	26
26	Geochemical markers of the Anthropocene: Perspectives from temporal trends in pollutants. <i>Science of the Total Environment</i> , 2021, 763, 142987.	8.0	17
27	Local and Regional Drivers of Environmental Changes in Two Subtropical Montane Ponds (Central) Tj ETQq1 1 0.784314 rgBT ₅ /Overlo	3.4	5
28	The co-evolution of two Chinese mobile short video apps: Parallel platformization of Douyin and TikTok. <i>Mobile Media and Communication</i> , 2021, 9, 229-253.	4.8	141
29	On "never right-swipe whites"™ and "only date whites"™: gendered and racialised digital dating experiences of the Australian Chinese diaspora. <i>Information, Communication and Society</i> , 2021, 24, 1247-1264.	4.0	13
30	Influence of higher-order modes of slender tall pier bridge columns on the seismic performance of pile foundations. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 142, 106543.	3.8	12
31	Effects of climate change on a subtropical montane peatland over the last two centuries: Evidence from diatom records. <i>Holocene</i> , 2021, 31, 1112-1123.	1.7	4
32	Impact of Background Geostrophic Currents With Vorticity on Resonant Triad Interaction Over Mid-Ocean Ridges. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017227.	2.6	1
33	Bee-foraging learning particle swarm optimization. <i>Applied Soft Computing Journal</i> , 2021, 102, 107134.	7.2	40
34	Iron- and Cobalt-Catalyzed Asymmetric Hydrofunctionalization of Alkenes and Alkynes. <i>Accounts of Chemical Research</i> , 2021, 54, 2701-2716.	15.6	152
35	Reflection of K_{1c} Internal Tides at the Continental Slope in the Northern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017260.	2.6	11
36	From "Oh, you're Chinese . . . to "No bats, thx!" Racialized Experiences of Australian-Based Chinese Queer Women in the Mobile Dating Context. <i>Social Media and Society</i> , 2021, 7, 205630512110353.	3.0	10

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37	Cenozoic evolution of the Yangtze River: Constraints from detrital zircon U Pb ages. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 579, 110586.	2.3	6
38	Climate-driven soil erosion processes in alpine environments over the last century: Evidence from the Taibai Mountain (central China). <i>Catena</i> , 2021, 206, 105569.	5.0	6
39	An enhanced exploratory whale optimization algorithm for dynamic economic dispatch. <i>Energy Reports</i> , 2021, 7, 7015-7029.	5.1	25
40	Social media, gendered anxiety and disease-related misinformation: discourses in contemporary China's online anti-African sentiments. <i>Asian Journal of Communication</i> , 2021, 31, 485-501.	1.0	7
41	Multiobjective Optimization of a Double-Side Linear Vernier PM Motor Using Response Surface Method and Differential Evolution. <i>IEEE Transactions on Industrial Electronics</i> , 2020, 67, 80-90.	7.9	88
42	Fireworks explosion based artificial bee colony for numerical optimization. <i>Knowledge-Based Systems</i> , 2020, 188, 105002.	7.1	14
43	Hybrid teaching-learning artificial neural network for city-level electrical load prediction. <i>Science China Information Sciences</i> , 2020, 63, 1.	4.3	6
44	Multivariable robust blade pitch control design to reject periodic loads on wind turbines. <i>Renewable Energy</i> , 2020, 146, 329-341.	8.9	47
45	Local Loop Shaping for Rejecting Band-Limited Disturbances in Nonminimum-Phase Systems With Application to Laser Beam Steering for Additive Manufacturing. <i>IEEE Transactions on Control Systems Technology</i> , 2020, 28, 2249-2262.	5.2	6
46	Fragility analysis of tall pier bridges subjected to near-fault pulse-like ground motions. <i>Structure and Infrastructure Engineering</i> , 2020, 16, 1082-1095.	3.7	33
47	Genome wide identification and functional characterization of strawberry pectin methylesterases related to fruit softening. <i>BMC Plant Biology</i> , 2020, 20, 13.	3.6	41
48	System Fragility Assessment of Tall-Pier Bridges Subjected to Near-Fault Ground Motions. <i>Journal of Bridge Engineering</i> , 2020, 25, .	2.9	45
49	A fast modeling and optimization scheme for greenhouse environmental system using proper orthogonal decomposition and multi-objective genetic algorithm. <i>Computers and Electronics in Agriculture</i> , 2020, 168, 105096.	7.7	16
50	Macroscopic somatic clonal expansion in morphologically normal human urothelium. <i>Science</i> , 2020, 370, 82-89.	12.6	115
51	Biogeography-based learning particle swarm optimization for combined heat and power economic dispatch problem. <i>Knowledge-Based Systems</i> , 2020, 208, 106463.	7.1	69
52	Cost minimization control for electric vehicle car parks with vehicle to grid technology. <i>Systems Science and Control Engineering</i> , 2020, 8, 422-433.	3.1	7
53	Seismic assessment of earthquake-resilient tall pier bridges using rocking foundation retrofitted with various energy dissipation devices. <i>Structural Control and Health Monitoring</i> , 2020, 27, e2625.	4.0	25
54	Extension of a simplified procedure for estimating nonlinear seismic responses of tall pier bridge systems. <i>European Journal of Environmental and Civil Engineering</i> , 2020, , 1-20.	2.1	0

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55	A shared genetic contribution to breast cancer and schizophrenia. <i>Nature Communications</i> , 2020, 11, 4637.	12.8	33
56	Robotic target following with slow and delayed visual feedback. <i>International Journal of Intelligent Robotics and Applications</i> , 2020, 4, 378-389.	2.8	3
57	Environmental Together With Interspecific Interactions Determine Bryophyte Distribution in a Protected Mire of Northeast China. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	9
58	Estimation of the Reflection of Internal Tides on a Slope. <i>Journal of Ocean University of China</i> , 2020, 19, 489-496.	1.2	7
59	A Collaborative Sensing and Model-Based Real-Time Recovery of Fast Data Flows From Sparse Measurements. <i>IEEE Transactions on Industrial Electronics</i> , 2020, 67, 6806-6814.	7.9	0
60	Ligand-promoted cobalt-catalyzed radical hydroamination of alkenes. <i>Nature Communications</i> , 2020, 11, 783.	12.8	74
61	Diatom-based water-table reconstruction in Sphagnum peatlands of northeastern China. <i>Water Research</i> , 2020, 174, 115648.	11.3	17
62	Effects of climate warming and nitrogen deposition on subtropical montane ponds (central China) over the last two centuries: Evidence from subfossil chironomids. <i>Environmental Pollution</i> , 2020, 262, 114256.	7.5	9
63	Spatiotemporal patterns of carbon sequestration in a large shallow lake, Chaohu Lake: Evidence from multiple-core records. <i>Limnologica</i> , 2020, 81, 125748.	1.5	13
64	Probabilistic seismic fragility and loss analysis of concrete bridge piers with superelastic shape memory alloy-steel coupled reinforcing bars. <i>Engineering Structures</i> , 2020, 207, 110229.	5.3	83
65	Changes in summer diatom composition and water quality in urban lakes within a metropolitan area in central China. <i>International Review of Hydrobiology</i> , 2020, 105, 94-105.	0.9	7
66	Soil diatom communities and their relation to environmental factors in three types of soil from four cities in central-west China. <i>European Journal of Soil Biology</i> , 2020, 98, 103175.	3.2	12
67	Seismic performance of tall pier bridges retrofitted with lead rubber bearings and rocking foundation. <i>Engineering Structures</i> , 2020, 212, 110529.	5.3	42
68	Novel dual-population adaptive differential evolution algorithm for large-scale multi-fuel economic dispatch with valve-point effects. <i>Energy</i> , 2020, 203, 117874.	8.8	32
69	Regime shifts in shallow lake ecosystems along an urban-rural gradient in central China. <i>Science of the Total Environment</i> , 2020, 733, 139309.	8.0	14
70	<p>New stomatocysts discovered in Sphagnum peatlands, central China</p><p></p>. <i>Phytotaxa</i> , 2020, 477, 151-170.	0.3	0
71	A vectorized bimodal distribution based micro differential evolution algorithm (VB-mDE). <i>Multiagent and Grid Systems</i> , 2020, 16, 245-261.	0.9	0
72	Upper ocean shear in the northern South China Sea. <i>Journal of Oceanography</i> , 2019, 75, 525-539.	1.7	13

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73	Optimizing the 3D Distributed Climate inside Greenhouses Using Multi-Objective Optimization Algorithms and Computer Fluid Dynamics. <i>Energies</i> , 2019, 12, 2873.	3.1	12
74	Salicylic acid-mediated plasmodesmal closure via Remorin-dependent lipid organization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21274-21284.	7.1	102
75	Scattering of Low-Mode Internal Tides at a Continental Shelf. <i>Journal of Physical Oceanography</i> , 2019, 49, 453-468.	1.7	7
76	Perturbed stochastic fractal search for solar PV parameter estimation. <i>Energy</i> , 2019, 189, 116247.	8.8	40
77	A performance-guided JAYA algorithm for parameters identification of photovoltaic cell and module. <i>Applied Energy</i> , 2019, 237, 241-257.	10.1	312
78	Laboratory Experiments on an Internal Solitary Wave over a Triangular Barrier. <i>Journal of Ocean University of China</i> , 2019, 18, 1061-1069.	1.2	6
79	Genetic and Environmental Influences on the Correlations between Traits of Metabolic Syndrome and CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 1590-1596.	4.5	4
80	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019, 188, 1033-1054.	3.4	85
81	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019, 10, 376.	12.8	64
82	An opposition-based sine cosine approach with local search for parameter estimation of photovoltaic models. <i>Energy Conversion and Management</i> , 2019, 195, 927-942.	9.2	226
83	An experimental study on the characteristic pattern of internal solitary waves in optical remote-sensing images. <i>International Journal of Remote Sensing</i> , 2019, 40, 7017-7032.	2.9	9
84	Experimental investigation on the optical remote sensing images of internal solitary waves with a smooth surface. <i>Acta Oceanologica Sinica</i> , 2019, 38, 124-131.	1.0	7
85	Cobalt-Catalyzed Asymmetric Markovnikov Hydroboration of Styrenes. <i>ACS Catalysis</i> , 2019, 9, 4025-4029.	11.2	62
86	Dynamic regulation of plasmodesmatal permeability and its application to horticultural research. <i>Horticulture Research</i> , 2019, 6, 47.	6.3	22
87	Two E3 ligases antagonistically regulate the UV-B response in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4722-4731.	7.1	61
88	Quick artificial bee colony algorithm with symbiotic search strategy for global optimization. , 2019, , .		0
89	Auxin and cytokinin coordinate the dormancy and outgrowth of axillary bud in strawberry runner. <i>BMC Plant Biology</i> , 2019, 19, 528.	3.6	44
90	Determination of geochronology and sedimentation rates of shallow lakes in the middle Yangtze reaches using ²¹⁰ Pb, ¹³⁷ Cs and spheroidal carbonaceous particles. <i>Catena</i> , 2019, 174, 546-556.	5.0	34

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91	Hybridizing cuckoo search algorithm with biogeography-based optimization for estimating photovoltaic model parameters. <i>Solar Energy</i> , 2019, 180, 192-206.	6.1	192
92	An exercise-induced messenger boosts memory in Alzheimer's disease. <i>Nature Medicine</i> , 2019, 25, 20-21.	30.7	13
93	Self-adaptive differential artificial bee colony algorithm for global optimization problems. <i>Swarm and Evolutionary Computation</i> , 2019, 45, 70-91.	8.1	71
94	Adaptive differential evolution with multi-population-based mutation operators for constrained optimization. <i>Soft Computing</i> , 2019, 23, 3423-3447.	3.6	19
95	Following Fast-Dynamic Targets With Only Slow and Delayed Visual Feedback: A Kalman Filter and Model-Based Prediction Approach. , 2019, , .		1
96	Control-Oriented Modeling and Repetitive Control in In-Layer and Cross-Layer Thermal Interactions in Selective Laser Sintering. , 2019, , .		1
97	A Spectral Analysis of Feedback Regulation Near and Beyond Nyquist Frequency. <i>IEEE/ASME Transactions on Mechatronics</i> , 2018, 23, 916-926.	5.8	2
98	Teaching-learning-based artificial bee colony for solar photovoltaic parameter estimation. <i>Applied Energy</i> , 2018, 212, 1578-1588.	10.1	303
99	Quadratic interpolation based teaching-learning-based optimization for chemical dynamic system optimization. <i>Knowledge-Based Systems</i> , 2018, 145, 250-263.	7.1	56
100	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018, 102, 375-400.	6.2	123
101	Diatom-based inference of Asian monsoon precipitation from a volcanic lake in southwest China for the last 18.5 ka. <i>Quaternary Science Reviews</i> , 2018, 182, 109-120.	3.0	41
102	Differential evolution with adaptive trial vector generation strategy and cluster-replacement-based feasibility rule for constrained optimization. <i>Information Sciences</i> , 2018, 435, 240-262.	6.9	39
103	Genetic and Environmental Contributions to the Covariation Between Cardiometabolic Traits. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	1
104	Polygenic link between blood lipids and amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2018, 67, 202.e1-202.e6.	3.1	46
105	A genome-wide association study of IgM antibody against phosphorylcholine: shared genetics and phenotypic relationship to chronic lymphocytic leukemia. <i>Human Molecular Genetics</i> , 2018, 27, 1809-1818.	2.9	6
106	Transmission of Signal Nonsmoothness and Transient Improvement in Add-On Servo Control. <i>IEEE Transactions on Control Systems Technology</i> , 2018, 26, 486-496.	5.2	2
107	Discrete-time nonlinear damping backstepping control with observers for rejection of low and high frequency disturbances. <i>Mechanical Systems and Signal Processing</i> , 2018, 104, 436-448.	8.0	19
108	Effects of dam construction and increasing pollutants on the ecohydrological evolution of a shallow freshwater lake in the Yangtze floodplain. <i>Science of the Total Environment</i> , 2018, 621, 219-227.	8.0	40

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109	Model-Based Sparse Information Recovery by a Collaborative Sensor Management. , 2018, , .		1
110	Scattering of low-mode internal tides at different shaped continental shelves. Continental Shelf Research, 2018, 169, 17-24.	1.8	11
111	Asymmetric remote C-H borylation of internal alkenes via alkene isomerization. Nature Communications, 2018, 9, 3939.	12.8	134
112	A Multistrategy-Based Multiobjective Differential Evolution for Optimal Control in Chemical Processes. Complexity, 2018, 2018, 1-22.	1.6	5
113	Rejecting fast narrow-band disturbances with slow sensor feedback for quality beam steering in selective laser sintering. Mechatronics, 2018, 56, 166-174.	3.3	5
114	Density Perturbation and Energy Flux of Internal Waves from Velocity Data. Journal of Ocean University of China, 2018, 17, 727-732.	1.2	5
115	Experimental investigation of the seismic performance of bridge models with conventional and rocking pile group foundations. Engineering Structures, 2018, 168, 889-902.	5.3	19
116	Teaching-Learning-Based Optimization with Learning Enthusiasm Mechanism and Its Application in Chemical Engineering. Journal of Applied Mathematics, 2018, 2018, 1-19.	0.9	36
117	Experimental investigation of internal tides generated by finite-height topography. Ocean Dynamics, 2018, 68, 957-965.	2.2	3
118	Auxin controls circadian flower opening and closure in the waterlily. BMC Plant Biology, 2018, 18, 143.	3.6	48
119	A hybrid teaching-learning artificial neural network for building electrical energy consumption prediction. Energy and Buildings, 2018, 174, 323-334.	6.7	88
120	An Improved Particle Swarm Optimization with Biogeography-Based Learning Strategy for Economic Dispatch Problems. Complexity, 2018, 2018, 1-15.	1.6	28
121	Direct and indirect effects of Holocene climate variations on catchment and lake processes of a treeline lake, SW China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 502, 119-129.	2.3	11
122	A simplified procedure for estimating nonlinear seismic demand of tall piers. Engineering Structures, 2018, 174, 778-791.	5.3	22
123	A Multirate Repetitive Control for Fractional-order Servos in Laser-based Additive Manufacturing. , 2018, , .		0
124	Teaching-Learning-Based Artificial Bee Colony. Lecture Notes in Computer Science, 2018, , 166-178.	1.3	12
125	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. PLoS ONE, 2018, 13, e0198166.	2.5	94
126	Shake Table Tests of Tall-Pier Bridges to Evaluate Seismic Performance. Journal of Bridge Engineering, 2018, 23, .	2.9	59

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127	Periodic wind disturbance rejection using robust individual pitch control. , 2018, , .		0
128	Wide-Band Loop Shaping for Modulation of Energy Transmission in Nonminimum-Phase Systems. , 2018, , .		0
129	Iron-Catalyzed, Markovnikov-Selective Hydroboration of Styrenes. <i>Organic Letters</i> , 2017, 19, 969-971.	4.6	65
130	A robust optimal design for strictly positive realness in recursive parameter adaptation. <i>International Journal of Adaptive Control and Signal Processing</i> , 2017, 31, 1205-1216.	4.1	1
131	Recent advances in chiral imino-containing ligands for metal-catalyzed asymmetric transformations. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2280-2306.	2.8	23
132	Parameters identification of photovoltaic models using self-adaptive teaching-learning-based optimization. <i>Energy Conversion and Management</i> , 2017, 145, 233-246.	9.2	198
133	Adaptive Loop Shaping for Wideband Disturbances Attenuation in Precision Information Storage Systems. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-13.	2.1	8
134	Parameters identification of photovoltaic models using an improved JAYA optimization algorithm. <i>Energy Conversion and Management</i> , 2017, 150, 742-753.	9.2	398
135	Control of Dual-Stage HDDs With Enhanced Repetitive Disturbance Rejection. , 2017, , .		2
136	Three-dimensional evolution of internal waves reflected from a submarine seamount. <i>Physics of Fluids</i> , 2017, 29, .	4.0	24
137	Diatom distribution in an alpine basin (central China) in relation to environmental factors and substrata. <i>Diatom Research</i> , 2017, 32, 251-262.	1.2	5
138	Changes in carbon and nitrogen cycling in a floodplain lake over recent decades linked to littoral expansion, declining riverine influx, and eutrophication. <i>Hydrological Processes</i> , 2017, 31, 3110-3121.	2.6	16
139	Laboratory experiment on the 3D tide-induced Lagrangian residual current using the PIV technique. <i>Ocean Dynamics</i> , 2017, 67, 1567-1576.	2.2	4
140	Biogeography-based learning particle swarm optimization. <i>Soft Computing</i> , 2017, 21, 7519-7541.	3.6	175
141	An Inverse-Free Disturbance Observer for Adaptive Narrow-Band Disturbance Rejection With Application to Selective Laser Sintering. , 2017, , .		2
142	A tutorial on loop-shaping control methodologies for precision positioning systems. <i>Advances in Mechanical Engineering</i> , 2017, 9, 168781401774282.	1.6	5
143	Multi-band beyond-Nyquist disturbance rejection on a galvanometer scanner system. , 2017, , .		0
144	Spatial Variations in the Surface Water Chemistry of Subtropical Peatlands (Central China) Linked to Anthropogenic Pressures. <i>Water (Switzerland)</i> , 2017, 9, 505.	2.7	12

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145	Recent Sedimentation Rates of Shallow Lakes in the Middle and Lower Reaches of the Yangtze River: Patterns, Controlling Factors and Implications for Lake Management. <i>Water (Switzerland)</i> , 2017, 9, 617.	2.7	34
146	Effects of hydrological regulation and anthropogenic pollutants on Dongting Lake in the Yangtze floodplain. <i>Ecohydrology</i> , 2016, 9, 315-325.	2.4	41
147	Cystatin C Predicts Incident Cardiovascular Disease in Twins. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	7
148	Variability of nonlinear internal waves in the South China Sea affected by the Kuroshio and mesoscale eddies. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 2098-2118.	2.6	33
149	Disturbance Observer Based Control Design for Wind Turbine Speed Regulation. , 2016, , .		1
150	One CNV Discordance in <i>NRXN1</i> Observed Upon Genome-wide Screening in 38 Pairs of Adult Healthy Monozygotic Twins. <i>Twin Research and Human Genetics</i> , 2016, 19, 97-103.	0.6	2
151	Extended state observer with phase compensation to estimate and suppress high-frequency disturbances. , 2016, , .		11
152	Input-to-output discontinuity and transient improvement in add-on controls. , 2016, , .		0
153	Symplastic signaling instructs cell division, cell expansion, and cell polarity in the ground tissue of <i>Arabidopsis thaliana</i> roots. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11621-11626.	7.1	55
154	Ins(1,4,5)P ₃ Suppresses Protein Degradation in Plant Vacuoles by Regulating SNX-Mediated Protein Sorting. <i>Molecular Plant</i> , 2016, 9, 1440-1443.	8.3	7
155	Iminophenyl Oxazolinylphenylamine for Enantioselective Cobalt-Catalyzed Hydrosilylation of Aryl Ketones. <i>Organic Letters</i> , 2016, 18, 4658-4661.	4.6	53
156	Multirate forward-model disturbance observer for feedback regulation beyond Nyquist frequency. <i>Systems and Control Letters</i> , 2016, 94, 181-188.	2.3	14
157	Interlaced direct adaptive regulation scheme applied to a benchmark problem. , 2016, , .		0
158	Enhanced wide-spectrum vibration suppression based on adaptive loop shaping. , 2016, , .		3
159	Multirate forward-model disturbance observer for feedback regulation beyond Nyquist frequency. , 2016, , .		3
160	Spectral distribution and implications of feedback regulation beyond Nyquist frequency. , 2016, , .		2
161	Disturbance observer based pitch control of wind turbines for disturbance rejection. <i>Proceedings of SPIE</i> , 2016, , .	0.8	2
162	Variations in diatom communities at genus and species levels in peatlands (central China) linked to microhabitats and environmental factors. <i>Science of the Total Environment</i> , 2016, 568, 137-146.	8.0	32

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163	Biogeography-based optimization with covariance matrix based migration. Applied Soft Computing Journal, 2016, 45, 71-85.	7.2	61
164	Modified direct adaptive regulation scheme applied to a benchmark problem. European Journal of Control, 2016, 28, 69-78.	2.6	6
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