Xu Chen

List of Publications by Year
in descending order

237 papers	9,430 citations	38742 50 h-index	49909 87 g-index
239 all docs	239 docs citations	239 times ranked	9444 citing authors

#	Article	IF	Citations
1	Parameters identification of photovoltaic models using an improved JAYA optimization algorithm. Energy Conversion and Management, 2017, 150, 742-753.	9.2	398
2	Parameters identification of solar cell models using generalized oppositional teaching learning based optimization. Energy, 2016, 99, 170-180.	8.8	316
3	A performance-guided JAYA algorithm for parameters identification of photovoltaic cell and module. Applied Energy, 2019, 237, 241-257.	10.1	312
4	Teaching–learning–based artificial bee colony for solar photovoltaic parameter estimation. Applied Energy, 2018, 212, 1578-1588.	10.1	303
5	Cell Surface ABP1-TMK Auxin-Sensing Complex Activates ROP GTPase Signaling. Science, 2014, 343, 1025-1028.	12.6	276
6	ER-localized auxin transporter PIN8 regulates auxin homeostasis and male gametophyte development in Arabidopsis. Nature Communications, 2012, 3, 941.	12.8	233
7	An opposition-based sine cosine approach with local search for parameter estimation of photovoltaic models. Energy Conversion and Management, 2019, 195, 927-942.	9.2	226
8	Parameters identification of photovoltaic models using self-adaptive teaching-learning-based optimization. Energy Conversion and Management, 2017, 145, 233-246.	9.2	198
9	Hybridizing cuckoo search algorithm with biogeography-based optimization for estimating photovoltaic model parameters. Solar Energy, 2019, 180, 192-206.	6.1	192
10	Function and regulation of phospholipid signalling in plants. Biochemical Journal, 2009, 421, 145-156.	3.7	186
11	A ROP GTPase-Dependent Auxin Signaling Pathway Regulates the Subcellular Distribution of PIN2 in Arabidopsis Roots. Current Biology, 2012, 22, 1319-1325.	3.9	177
12	Biogeography-based learning particle swarm optimization. Soft Computing, 2017, 21, 7519-7541.	3.6	175
13	Clathrin-mediated endocytosis: the gateway into plant cells. Current Opinion in Plant Biology, 2011, 14, 674-682.	7.1	163
14	Extending the timescale and range of ecosystem services through paleoenvironmental analyses, exemplified in the lower Yangtze basin. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1111-20.	7.1	163
15	An Auxin-Mediated Shift toward Growth Isotropy Promotes Organ Formation at the Shoot Meristem in Arabidopsis. Current Biology, 2014, 24, 2335-2342.	3.9	161
16	Iron- and Cobalt-Catalyzed Asymmetric Hydrofunctionalization of Alkenes and Alkynes. Accounts of Chemical Research, 2021, 54, 2701-2716.	15.6	152
17	ABP1 and ROP6 GTPase Signaling Regulate Clathrin-Mediated Endocytosis in Arabidopsis Roots. Current Biology, 2012, 22, 1326-1332.	3.9	145
18	The co-evolution of two Chinese mobile short video apps: Parallel platformization of Douyin and TikTok. Mobile Media and Communication, 2021, 9, 229-253.	4.8	141

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19	Asymmetric remote C-H borylation of internal alkenes via alkene isomerization. Nature Communications, 2018, 9, 3939.	12.8	134
20	Inhibition of cell expansion by rapid ABP1-mediated auxin effect on microtubules. Nature, 2014, 516, 90-93.	27.8	129
21	Carbon burial by shallow lakes on the <scp>Y</scp>angtze floodplain and its relevance to regional carbon sequestration. Global Change Biology, 2012, 18, 2205-2217.	9.5	128
22	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. American Journal of Human Genetics, 2018, 102, 375-400.	6.2	123
23	Inositol Trisphosphate-Induced Ca2+ Signaling Modulates Auxin Transport and PIN Polarity. Developmental Cell, 2011, 20, 855-866.	7.0	121
24	Macroscopic somatic clonal expansion in morphologically normal human urothelium. Science, 2020, 370, 82-89.	12.6	115
25	Nutrient dynamics linked to hydrological condition and anthropogenic nutrient loading in Chaohu Lake (southeast China). Hydrobiologia, 2011, 661, 223-234.	2.0	113
26	Involvement of phospholipid signaling in plant growth and hormone effects. Current Opinion in Plant Biology, 2007, 10, 483-489.	7.1	102
27	Salicylic acid-mediated plasmodesmal closure via Remorin-dependent lipid organization. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21274-21284.	7.1	102
28	A Minimum Parameter Adaptive Approach for Rejecting Multiple Narrow-Band Disturbances With Application to Hard Disk Drives. IEEE Transactions on Control Systems Technology, 2012, 20, 408-415.	5.2	97
29	New Repetitive Control With Improved Steady-State Performance and Accelerated Transient. IEEE Transactions on Control Systems Technology, 2014, 22, 664-675.	5.2	94
30	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
31	Environmental changes in Chaohu Lake (southeast, China) since the mid 20th century: The interactive impacts of nutrients, hydrology and climate. Limnologica, 2013, 43, 10-17.	1.5	91
32	A hybrid teaching-learning artificial neural network for building electrical energy consumption prediction. Energy and Buildings, 2018, 174, 323-334.	6.7	88
33	Multiobjective Optimization of a Double-Side Linear Vernier PM Motor Using Response Surface Method and Differential Evolution. IEEE Transactions on Industrial Electronics, 2020, 67, 80-90.	7.9	88
34	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. American Journal of Epidemiology, 2019, 188, 1033-1054.	3.4	85
35	Probabilistic seismic fragility and loss analysis of concrete bridge piers with superelastic shape memory alloy-steel coupled reinforcing bars. Engineering Structures, 2020, 207, 110229.	5.3	83
36	Multi-objective differential evolution with ranking-based mutation operator and its application in chemical process optimization. Chemometrics and Intelligent Laboratory Systems, 2014, 136, 85-96.	3.5	82

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37	Seismic vulnerability assessment of tall pier bridges under mainshock-aftershock-like earthquake sequences using vector-valued intensity measure. Engineering Structures, 2022, 253, 113732.	5.3	82
38	#*PositiveEnergy*Douyin: constructing "playful patriotism" in a Chinese short-video application. Chinese Journal of Communication, 2021, 14, 97-117.	2.0	78
39	Ligand-promoted cobalt-catalyzed radical hydroamination of alkenes. Nature Communications, 2020, 11, 783.	12.8	74
40	Environmental and Endogenous Control of Cortical Microtubule Orientation. Trends in Cell Biology, 2016, 26, 409-419.	7.9	73
41	Self-adaptive differential artificial bee colony algorithm for global optimization problems. Swarm and Evolutionary Computation, 2019, 45, 70-91.	8.1	71
42	Biogeography-based learning particle swarm optimization for combined heat and power economic dispatch problem. Knowledge-Based Systems, 2020, 208, 106463.	7.1	69
43	Iron-Catalyzed, Markovnikov-Selective Hydroboration of Styrenes. Organic Letters, 2017, 19, 969-971.	4.6	65
44	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. Nature Communications, 2019, 10, 376.	12.8	64
45	Cobalt-Catalyzed Asymmetric Markovnikov Hydroboration of Styrenes. ACS Catalysis, 2019, 9, 4025-4029.	11.2	62
46	Biogeography-based optimization with covariance matrix based migration. Applied Soft Computing Journal, 2016, 45, 71-85.	7.2	61
47	Two E3 ligases antagonistically regulate the UV-B response in *Arabidopsis*. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4722-4731.	7.1	61
48	Shake Table Tests of Tall-Pier Bridges to Evaluate Seismic Performance. Journal of Bridge Engineering, 2018, 23, .	2.9	59
49	Quadratic interpolation based teaching-learning-based optimization for chemical dynamic system optimization. Knowledge-Based Systems, 2018, 145, 250-263.	7.1	56
50	Auxin-binding pocket of ABP1 is crucial for its gain-of-function cellular and developmental roles. Journal of Experimental Botany, 2015, 66, 5055-5065.	4.8	55
51	Symplastic signaling instructs cell division, cell expansion, and cell polarity in the ground tissue of *Arabidopsis thaliana* roots. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11621-11626.	7.1	55
52	Iminophenyl Oxazolinylphenylamine for Enantioselective Cobalt-Catalyzed Hydrosilylation of Aryl Ketones. Organic Letters, 2016, 18, 4658-4661.	4.6	53
53	An Inositol Polyphosphate 5-Phosphatase Functions in PHOTOTROPIN1 Signaling in *Arabidopis* by Altering Cytosolic Ca2+. Plant Cell, 2008, 20, 353-366.	6.6	51
54	The role of Arabidopsis 5PTase13 in root gravitropism through modulation of vesicle trafficking. Cell Research, 2009, 19, 1191-1204.	12.0	51

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55	Seismic resilient design with base isolation device using friction pendulum bearing and viscous damper. Soil Dynamics and Earthquake Engineering, 2022, 153, 107073.	3.8	50
56	Dynamic Optimization of Industrial Processes With Nonuniform Discretization-Based Control Vector Parameterization. IEEE Transactions on Automation Science and Engineering, 2014, 11, 1289-1299.	5.2	49
57	Auxin controls circadian flower opening and closure in the waterlily. BMC Plant Biology, 2018, 18, 143.	3.6	48
58	Multivariable robust blade pitch control design to reject periodic loads on wind turbines. Renewable Energy, 2020, 146, 329-341.	8.9	47
59	Polygenic link between blood lipids and amyotrophic lateral sclerosis. Neurobiology of Aging, 2018, 67, 202.e1-202.e6.	3.1	46
60	Direct and interaction-mediated effects of environmental changes on peatland bryophytes. Oecologia, 2011, 166, 555-563.	2.0	45
61	Dominant Genetic Variation and Missing Heritability for Human Complex Traits: Insights from Twin versus Genome-wide Common SNP Models. American Journal of Human Genetics, 2015, 97, 708-714.	6.2	45
62	System Fragility Assessment of Tall-Pier Bridges Subjected to Near-Fault Ground Motions. Journal of Bridge Engineering, 2020, 25, .	2.9	45
63	Auxin and cytokinin coordinate the dormancy and outgrowth of axillary bud in strawberry runner. BMC Plant Biology, 2019, 19, 528.	3.6	44
64	Seismic performance of tall pier bridges retrofitted with lead rubber bearings and rocking foundation. Engineering Structures, 2020, 212, 110529.	5.3	42
65	Effects of hydrological regulation and anthropogenic pollutants on Dongting Lake in the Yangtze floodplain. Ecohydrology, 2016, 9, 315-325.	2.4	41
66	Diatom-based inference of Asian monsoon precipitation from a volcanic lake in southwest China for the last 18.5 ka. Quaternary Science Reviews, 2018, 182, 109-120.	3.0	41
67	Genome wide identification and functional characterization of strawberry pectin methylesterases related to fruit softening. BMC Plant Biology, 2020, 20, 13.	3.6	41
68	Effects of dam construction and increasing pollutants on the ecohydrological evolution of a shallow freshwater lake in the Yangtze floodplain. Science of the Total Environment, 2018, 621, 219-227.	8.0	40
69	Perturbed stochastic fractal search for solar PV parameter estimation. Energy, 2019, 189, 116247.	8.8	40
70	Bee-foraging learning particle swarm optimization. Applied Soft Computing Journal, 2021, 102, 107134.	7.2	40
71	Lead-rubber-bearing with negative stiffness springs (LRB-NS) for base-isolation seismic design of resilient bridges: A theoretical feasibility study. Engineering Structures, 2022, 266, 114601.	5.3	40
72	Differential evolution with adaptive trial vector generation strategy and cluster-replacement-based feasibility rule for constrained optimization. Information Sciences, 2018, 435, 240-262.	6.9	39

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73	Seismic performance of pre-fabricated segmental bridge piers with grouted splice sleeve connections. Engineering Structures, 2021, 229, 111668.	5.3	39
74	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
75	Solving static and dynamic multi-area economic dispatch problems using an improved competitive swarm optimization algorithm. Energy, 2022, 238, 122035.	8.8	36
76	Overview and new results in disturbance observer based adaptive vibration rejection with application to advanced manufacturing. International Journal of Adaptive Control and Signal Processing, 2015, 29, 1459-1474.	4.1	34
77	Recent Sedimentation Rates of Shallow Lakes in the Middle and Lower Reaches of the Yangtze River: Patterns, Controlling Factors and Implications for Lake Management. Water (Switzerland), 2017, 9, 617.	2.7	34
78	Determination of geochronology and sedimentation rates of shallow lakes in the middle Yangtze reaches using 210Pb, 137Cs and spheroidal carbonaceous particles. Catena, 2019, 174, 546-556.	5.0	34
79	Multi-Objective Optimization Design of a Modular Linear Permanent-Magnet Vernier Machine by Combined Approximation Models and Differential Evolution. IEEE Transactions on Industrial Electronics, 2021, 68, 4634-4645.	7.9	34
80	Variability of nonlinear internal waves in the South China Sea affected by the Kuroshio and mesoscale eddies. Journal of Geophysical Research: Oceans, 2016, 121, 2098-2118.	2.6	33
81	Fragility analysis of tall pier bridges subjected to near-fault pulse-like ground motions. Structure and Infrastructure Engineering, 2020, 16, 1082-1095.	3.7	33
82	A shared genetic contribution to breast cancer and schizophrenia. Nature Communications, 2020, 11, 4637.	12.8	33
83	Variations in diatom communities at genus and species levels in peatlands (central China) linked to microhabitats and environmental factors. Science of the Total Environment, 2016, 568, 137-146.	8.0	32
84	Novel dual-population adaptive differential evolution algorithm for large-scale multi-fuel economic dispatch with valve-point effects. Energy, 2020, 203, 117874.	8.8	32
85	Selective model inversion and adaptive disturbance observer for time-varying vibration rejection on an active-suspension benchmark. European Journal of Control, 2013, 19, 300-312.	2.6	31
86	Using sedimentary diatoms to identify reference conditions and historical variability in shallow lake ecosystems in the Yangtze floodplain. Marine and Freshwater Research, 2016, 67, 803.	1.3	30
87	Sedimentary Evidence of Environmental Degradation in Sanliqi Lake, Daye City (A Typical Mining City,) Tj ETQq1 1 0.784314 rgBT /Ov	2.7	28
88	An Improved Particle Swarm Optimization with Biogeography-Based Learning Strategy for Economic Dispatch Problems. Complexity, 2018, 2018, 1-15.	1.6	28
89	Seismic assessment of tall pier bridges with double-column bents retrofitted with buckling restrained braces subjected to near-fault motions. Engineering Structures, 2021, 226, 111390.	5.3	26
90	Seismic assessment of earthquakeâ€resilient tall pier bridges using rocking foundation retrofitted with various energy dissipation devices. Structural Control and Health Monitoring, 2020, 27, e2625.	4.0	25

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91	An enhanced exploratory whale optimization algorithm for dynamic economic dispatch. Energy Reports, 2021, 7, 7015-7029.	5.1	25
92	Diatom communities along pH and hydrological gradients in three montane mires, central China. Ecological Indicators, 2014, 45, 123-129.	6.3	24
93	Three-dimensional evolution of internal waves reflected from a submarine seamount. Physics of Fluids, 2017, 29, .	4.0	24
94	Rho-GTPase-regulated vesicle trafficking in plant cell polarity. Biochemical Society Transactions, 2014, 42, 212-218.	3.4	23
95	Recent advances in chiral imino-containing ligands for metal-catalyzed asymmetric transformations. Organic and Biomolecular Chemistry, 2017, 15, 2280-2306.	2.8	23
96	Spatial distribution of subfossil Chironomidae in surface sediments of a large, shallow and hypertrophic lake (Taihu, SE China). Hydrobiologia, 2012, 691, 59-70.	2.0	22
97	Hybrid gradient particle swarm optimization for dynamic optimization problems of chemical processes. Asia-Pacific Journal of Chemical Engineering, 2013, 8, 708-720.	1.5	22
98	A simplified procedure for estimating nonlinear seismic demand of tall piers. Engineering Structures, 2018, 174, 778-791.	5.3	22
99	Dynamic regulation of plasmodesmatal permeability and its application to horticultural research. Horticulture Research, 2019, 6, 47.	6.3	22
100	Classification of Tea Quality Levels Using Near-Infrared Spectroscopy Based on CLPSO-SVM. Foods, 2022, 11, 1658.	4.3	21
101	Epiphytic diatoms and their relation to moisture and moss composition in two montane mires, Northeast China. Fundamental and Applied Limnology, 2012, 181, 197-206.	0.7	20
102	Pseudo Youlaâ€"Kucera parameterization with control of the waterbed effect for local loop shaping. Automatica, 2015, 62, 177-183.	5.0	20
103	Discrete-time nonlinear damping backstepping control with observers for rejection of low and high frequency disturbances. Mechanical Systems and Signal Processing, 2018, 104, 436-448.	8.0	19
104	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
105	Adaptive differential evolution with multi-population-based mutation operators for constrained optimization. Soft Computing, 2019, 23, 3423-3447.	3.6	19
106	Self-adaptive differential evolution with Gaussianâ€"Cauchy mutation for large-scale CHP economic dispatchÂproblem. Neural Computing and Applications, 2022, 34, 11769-11787.	5.6	19
107	Diatom response to heavy metal pollution and nutrient enrichment in an urban lake: evidence from paleolimnology. Annales De Limnologie, 2014, 50, 121-130.	0.6	18
108	Influence of Near-fault Pulse-like Motion Characteristics on Seismic Performance of Tall Pier Bridges with Fragility Analysis. Journal of Earthquake Engineering, 2022, 26, 2001-2022.	2.5	17

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109	Diatom-based water-table reconstruction in Sphagnum peatlands of northeastern China. Water Research, 2020, 174, 115648.	11.3	17
110	Geochemical markers of the Anthropocene: Perspectives from temporal trends in pollutants. Science of the Total Environment, 2021, 763, 142987.	8.0	17
111	Heterogeneity of chronic obstructive pulmonary disease: from phenotype to genotype. Frontiers of Medicine, 2013, 7, 425-432.	3.4	16
112	Changes in carbon and nitrogen cycling in a floodplain lake over recent decades linked to littoral expansion, declining riverine influx, and eutrophication. Hydrological Processes, 2017, 31, 3110-3121.	2.6	16
113	A fast modeling and optimization scheme for greenhouse environmental system using proper orthogonal decomposition and multi-objective genetic algorithm. Computers and Electronics in Agriculture, 2020, 168, 105096.	7.7	16
114	Use of siliceous algae as biological monitors of heavy metal pollution in three lakes in a mining city, southeast China. Oceanological and Hydrobiological Studies, 2013, 42, 233-242.	0.7	15
115	Optimal Decoupled Disturbance Observers for Dual-Input Single-Output Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2014, 136, .	1.6	15
116	One‐Pot Synthesis of <i>N</i>‐(Imidazo[1,2‐<i>a</i>]pyridin‐3‐yl)‐Substituted Sulfonamides Using Catalytic Zinc Chloride. European Journal of Organic Chemistry, 2014, 2014, 2037-2043.	2.4	14
117	Multirate forward-model disturbance observer for feedback regulation beyond Nyquist frequency. Systems and Control Letters, 2016, 94, 181-188.	2.3	14
118	Fireworks explosion based artificial bee colony for numerical optimization. Knowledge-Based Systems, 2020, 188, 105002.	7.1	14
119	Regime shifts in shallow lake ecosystems along an urban-rural gradient in central China. Science of the Total Environment, 2020, 733, 139309.	8.0	14
120	Performance of four mosses in a reciprocal transplant experiment: implications for peatland succession in NE China. Journal of Bryology, 2013, 35, 220-227.	1.2	13
121	Upper ocean shear in the northern South China Sea. Journal of Oceanography, 2019, 75, 525-539.	1.7	13
122	An exercise-induced messenger boosts memory in Alzheimer's disease. Nature Medicine, 2019, 25, 20-21.	30.7	13
123	Spatiotemporal patterns of carbon sequestration in a large shallow lake, Chaohu Lake: Evidence from multiple-core records. Limnologica, 2020, 81, 125748.	1.5	13
124	On 'never right-swipe whites' and 'only date whites': gendered and racialised digital dating experiences of the Australian Chinese diaspora. Information, Communication and Society, 2021, 24, 1247-1264.	4.0	13
125	Spatial Variations in the Surface Water Chemistry of Subtropical Peatlands (Central China) Linked to Anthropogenic Pressures. Water (Switzerland), 2017, 9, 505.	2.7	12
126	Teaching-Learning-Based Artificial Bee Colony. Lecture Notes in Computer Science, 2018, , 166-178.	1.3	12

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127	Optimizing the 3D Distributed Climate inside Greenhouses Using Multi-Objective Optimization Algorithms and Computer Fluid Dynamics. Energies, 2019, 12, 2873.	3.1	12
128	Soil diatom communities and their relation to environmental factors in three types of soil from four cities in central-west China. European Journal of Soil Biology, 2020, 98, 103175.	3.2	12
129	Influence of higher-order modes of slender tall pier bridge columns on the seismic performance of pile foundations. Soil Dynamics and Earthquake Engineering, 2021, 142, 106543.	3.8	12
130	Extended state observer with phase compensation to estimate and suppress high-frequency disturbances. , 2016, , .		11
131	Discrete-Time Reduced-Complexity Youla Parameterization for Dual-Input Single-Output Systems. IEEE Transactions on Control Systems Technology, 2016, 24, 302-309.	5.2	11
132	Scattering of low-mode internal tides at different shaped continental shelves. Continental Shelf Research, 2018, 169, 17-24.	1.8	11
133	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
134	Reflection of K_1 Internal Tides at the Continental Slope in the Northern South China Sea. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017260.	2.6	11
135	PHGDH expression increases with progression of Alzheimerâ€™s disease pathology and symptoms. Cell Metabolism, 2022, 34, 651-653.	16.2	11
136	Optimal plant shaping for high bandwidth disturbance rejection in discrete disturbance observers. , 2010, , .		10
137	From â€œOh, youâ€™re Chinese . . . â€•to â€œNo bats, thx!â€• Racialized Experiences of Australian-Based Chinese Queer Women in the Mobile Dating Context. Social Media and Society, 2021, 7, 205630512110353.	3.0	10
138	Effects of Higher Modes on Tall Piers. IABSE Symposium Report, 2016, , .	0.0	10
139	Fast seismic response estimation of tall pier bridges based on deep learning techniques. Engineering Structures, 2022, 266, 114566.	5.3	10
140	Control methodologies for precision positioning systems. , 2013, , .		9
141	An experimental study on the characteristic pattern of internal solitary waves in optical remote-sensing images. International Journal of Remote Sensing, 2019, 40, 7017-7032.	2.9	9
142	Environmental Together With Interspecific Interactions Determine Bryophyte Distribution in a Protected Mire of Northeast China. Frontiers in Earth Science, 2020, 8, .	1.8	9
143	Effects of climate warming and nitrogen deposition on subtropical montane ponds (central China) over the last two centuries: Evidence from subfossil chironomids. Environmental Pollution, 2020, 262, 114256.	7.5	9
144	Study on Inversion Amplitude of Internal Solitary Waves Applied to Shallow Sea in the Laboratory. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 577-581.	3.1	9

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145	Local and Regional Drivers of Environmental Changes in Two Subtropical Montane Ponds (Central) Tj ETQq1 1 0.784314 rgBT /Overlock	3.4	9
146	Pounding performance between a seismic-isolated long-span girder bridge and its approaches. Engineering Structures, 2022, 262, 114397.	5.3	9
147	Laboratory experiments on the generation of internal waves on two kinds of continental margin. Geophysical Research Letters, 2012, 39, .	4.0	8
148	Adaptive Loop Shaping for Wideband Disturbances Attenuation in Precision Information Storage Systems. IEEE Transactions on Magnetics, 2017, 53, 1-13.	2.1	8
149	Unknown Multiple Narrow-Band Disturbance Rejection in Hard Disk Drives: An Adaptive Notch Filter and Perfect Disturbance Observer Approach. , 2010, , .		7
150	Influence of environmental and spatial factors on the distribution of surface sediment diatoms in Chaohu Lake, southeast China. Acta Botanica Croatica, 2012, 71, 299-310.	0.7	7
151	Laboratory experiments on the resonance of internal waves on a finite height subcritical topography. Ocean Dynamics, 2015, 65, 1269-1274.	2.2	7
152	Cystatin C Predicts Incident Cardiovascular Disease in Twins. Journal of the American Heart Association, 2016, 5, .	3.7	7
153	Ins(1,4,5)P 3 Suppresses Protein Degradation in Plant Vacuoles by Regulating SNX-Mediated Protein Sorting. Molecular Plant, 2016, 9, 1440-1443.	8.3	7
154	Scattering of Low-Mode Internal Tides at a Continental Shelf. Journal of Physical Oceanography, 2019, 49, 453-468.	1.7	7
155	Experimental investigation on the optical remote sensing images of internal solitary waves with a smooth surface. Acta Oceanologica Sinica, 2019, 38, 124-131.	1.0	7
156	Cost minimization control for electric vehicle car parks with vehicle to grid technology. Systems Science and Control Engineering, 2020, 8, 422-433.	3.1	7
157	Estimation of the Reflection of Internal Tides on a Slope. Journal of Ocean University of China, 2020, 19, 489-496.	1.2	7
158	Changes in summer diatom composition and water quality in urban lakes within a metropolitan area in central China. International Review of Hydrobiology, 2020, 105, 94-105.	0.9	7
159	Social media, gendered anxiety and disease-related misinformation: discourses in contemporary Chinaâ€™s online anti-African sentiments. Asian Journal of Communication, 2021, 31, 485-501.	1.0	7
160	Seismic performance assessment of base-isolated tall pier bridges using friction pendulum bearings achieving resilient design. Structures, 2022, 38, 618-629.	3.6	7
161	An Indirect Adaptive Approach to Reject Multiple Narrow-Band Disturbances in Hard Disk Drives. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 44-49.	0.4	6
162	Adaptive Suppression of High-Frequency Wide-Spectrum Vibrations With Application to Disk Drive Systems. , 2014, , .		6

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163	Modified direct adaptive regulation scheme applied to a benchmark problem. European Journal of Control, 2016, 28, 69-78.	2.6	6
164	A genome-wide association study of IgM antibody against phosphorylcholine: shared genetics and phenotypic relationship to chronic lymphocytic leukemia. Human Molecular Genetics, 2018, 27, 1809-1818.	2.9	6
165	Laboratory Experiments on an Internal Solitary Wave over a Triangular Barrier. Journal of Ocean University of China, 2019, 18, 1061-1069.	1.2	6
166	Hybrid teaching–learning artificial neural network for city-level electrical load prediction. Science China Information Sciences, 2020, 63, 1.	4.3	6
167	Local Loop Shaping for Rejecting Band-Limited Disturbances in Nonminimum-Phase Systems With Application to Laser Beam Steering for Additive Manufacturing. IEEE Transactions on Control Systems Technology, 2020, 28, 2249-2262.	5.2	6
168	Cenozoic evolution of the Yangtze River: Constraints from detrital zircon U Pb ages. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 579, 110586.	2.3	6
169	Climate-driven soil erosion processes in alpine environments over the last century: Evidence from the Taibai Mountain (central China). Catena, 2021, 206, 105569.	5.0	6
170	Laboratory Study of the Impact of the Surface Solitary Waves Created by the Internal Solitary Waves on Optical Imaging. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	6
171	Seismic response mitigation of girder displacement of cable-stayed bridge using inerter systems. Structures, 2022, 39, 928-944.	3.6	6
172	An enhanced repetitive control algorithm using the structure of disturbance observer. , 2012, , .		5
173	Inverse-Based Local Loop Shaping and IIR-Filter Design For Precision Motion Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 490-497.	0.4	5
174	Study on internal waves generated by tidal flow over critical topography. Journal of Ocean University of China, 2014, 13, 728-732.	1.2	5
175	Diatom distribution in an alpine basin (central China) in relation to environmental factors and substrata. Diatom Research, 2017, 32, 251-262.	1.2	5
176	A tutorial on loop-shaping control methodologies for precision positioning systems. Advances in Mechanical Engineering, 2017, 9, 168781401774282.	1.6	5
177	A Multistrategy-Based Multiobjective Differential Evolution for Optimal Control in Chemical Processes. Complexity, 2018, 2018, 1-22.	1.6	5
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