

Xu Chen

List of Publications by Year in descending order

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Version: 2024-02-01

237
papers

9,430
citations

38720

50
h-index

49868

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. <i>Energy Conversion and Management</i> , 2017, 150, 742-753.	4.4	398
2	Parameters identification of solar cell models using generalized oppositional teaching learning based optimization. <i>Energy</i> , 2016, 99, 170-180.	4.5	316
3	A performance-guided JAYA algorithm for parameters identification of photovoltaic cell and module. <i>Applied Energy</i> , 2019, 237, 241-257.	5.1	312
4	Teachingâ€“learningâ€“based artificial bee colony for solar photovoltaic parameter estimation. <i>Applied Energy</i> , 2018, 212, 1578-1588.	5.1	303
5	Cell Surface ABP1-TMK Auxin-Sensing Complex Activates ROP GTPase Signaling. <i>Science</i> , 2014, 343, 1025-1028.	6.0	276
6	ER-localized auxin transporter PIN8 regulates auxin homeostasis and male gametophyte development in Arabidopsis. <i>Nature Communications</i> , 2012, 3, 941.	5.8	233
7	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.	4.4	226
8	Parameters identification of photovoltaic models using self-adaptive teaching-learning-based optimization. <i>Energy Conversion and Management</i> , 2017, 145, 233-246.	4.4	198
9	Hybridizing cuckoo search algorithm with biogeography-based optimization for estimating photovoltaic model parameters. <i>Solar Energy</i> , 2019, 180, 192-206.	2.9	192
10	Function and regulation of phospholipid signalling in plants. <i>Biochemical Journal</i> , 2009, 421, 145-156.	1.7	186
11	A ROP GTPase-Dependent Auxin Signaling Pathway Regulates the Subcellular Distribution of PIN2 in Arabidopsis Roots. <i>Current Biology</i> , 2012, 22, 1319-1325.	1.8	177
12	Biogeography-based learning particle swarm optimization. <i>Soft Computing</i> , 2017, 21, 7519-7541.	2.1	175
13	Clathrin-mediated endocytosis: the gateway into plant cells. <i>Current Opinion in Plant Biology</i> , 2011, 14, 674-682.	3.5	163
14	Extending the timescale and range of ecosystem services through paleoenvironmental analyses, exemplified in the lower Yangtze basin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1111-20.	3.3	163
15	An Auxin-Mediated Shift toward Growth Isotropy Promotes Organ Formation at the Shoot Meristem in Arabidopsis. <i>Current Biology</i> , 2014, 24, 2335-2342.	1.8	161
16	Iron- and Cobalt-Catalyzed Asymmetric Hydrofunctionalization of Alkenes and Alkynes. <i>Accounts of Chemical Research</i> , 2021, 54, 2701-2716.	7.6	152
17	ABP1 and ROP6 GTPase Signaling Regulate Clathrin-Mediated Endocytosis in Arabidopsis Roots. <i>Current Biology</i> , 2012, 22, 1326-1332.	1.8	145
18	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.	3.1	141

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19	Asymmetric remote C-H borylation of internal alkenes via alkene isomerization. <i>Nature Communications</i> , 2018, 9, 3939.	5.8	134
20	Inhibition of cell expansion by rapid ABP1-mediated auxin effect on microtubules. <i>Nature</i> , 2014, 516, 90-93.	13.7	129
21	Carbon burial by shallow lakes on the Yangtze floodplain and its relevance to regional carbon sequestration. <i>Global Change Biology</i> , 2012, 18, 2205-2217.	4.2	128
22	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.	2.6	123
23	Inositol Trisphosphate-Induced Ca ²⁺ Signaling Modulates Auxin Transport and PIN Polarity. <i>Developmental Cell</i> , 2011, 20, 855-866.	3.1	121
24	Macroscopic somatic clonal expansion in morphologically normal human urothelium. <i>Science</i> , 2020, 370, 82-89.	6.0	115
25	Nutrient dynamics linked to hydrological condition and anthropogenic nutrient loading in Chaohu Lake (southeast China). <i>Hydrobiologia</i> , 2011, 661, 223-234.	1.0	113
26	Involvement of phospholipid signaling in plant growth and hormone effects. <i>Current Opinion in Plant Biology</i> , 2007, 10, 483-489.	3.5	102
27	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.	3.3	102
28	A Minimum Parameter Adaptive Approach for Rejecting Multiple Narrow-Band Disturbances With Application to Hard Disk Drives. <i>IEEE Transactions on Control Systems Technology</i> , 2012, 20, 408-415.	3.2	97
29	New Repetitive Control With Improved Steady-State Performance and Accelerated Transient. <i>IEEE Transactions on Control Systems Technology</i> , 2014, 22, 664-675.	3.2	94
30	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018, 13, e0198166.	1.1	94
31	Environmental changes in Chaohu Lake (southeast, China) since the mid 20th century: The interactive impacts of nutrients, hydrology and climate. <i>Limnologia</i> , 2013, 43, 10-17.	0.7	91
32	A hybrid teaching-learning artificial neural network for building electrical energy consumption prediction. <i>Energy and Buildings</i> , 2018, 174, 323-334.	3.1	88
33	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.	5.2	88
34	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019, 188, 1033-1054.	1.6	85
35	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.	2.6	83
36	Multi-objective differential evolution with ranking-based mutation operator and its application in chemical process optimization. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014, 136, 85-96.	1.8	82

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37	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.	2.6	82
38	PositiveEnergy Douyin: constructing "playful patriotism" in a Chinese short-video application. <i>Chinese Journal of Communication</i> , 2021, 14, 97-117.	1.3	78
39	Ligand-promoted cobalt-catalyzed radical hydroamination of alkenes. <i>Nature Communications</i> , 2020, 11, 783.	5.8	74
40	Environmental and Endogenous Control of Cortical Microtubule Orientation. <i>Trends in Cell Biology</i> , 2016, 26, 409-419.	3.6	73
41	Self-adaptive differential artificial bee colony algorithm for global optimization problems. <i>Swarm and Evolutionary Computation</i> , 2019, 45, 70-91.	4.5	71
42	Biogeography-based learning particle swarm optimization for combined heat and power economic dispatch problem. <i>Knowledge-Based Systems</i> , 2020, 208, 106463.	4.0	69
43	Iron-Catalyzed, Markovnikov-Selective Hydroboration of Styrenes. <i>Organic Letters</i> , 2017, 19, 969-971.	2.4	65
44	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019, 10, 376.	5.8	64
45	Cobalt-Catalyzed Asymmetric Markovnikov Hydroboration of Styrenes. <i>ACS Catalysis</i> , 2019, 9, 4025-4029.	5.5	62
46	Biogeography-based optimization with covariance matrix based migration. <i>Applied Soft Computing Journal</i> , 2016, 45, 71-85.	4.1	61
47	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.	3.3	61
48	Shake Table Tests of Tall-Pier Bridges to Evaluate Seismic Performance. <i>Journal of Bridge Engineering</i> , 2018, 23, .	1.4	59
49	Quadratic interpolation based teaching-learning-based optimization for chemical dynamic system optimization. <i>Knowledge-Based Systems</i> , 2018, 145, 250-263.	4.0	56
50	Auxin-binding pocket of ABP1 is crucial for its gain-of-function cellular and developmental roles. <i>Journal of Experimental Botany</i> , 2015, 66, 5055-5065.	2.4	55
51	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.	3.3	55
52	Iminophenyl Oxazolinyphenylamine for Enantioselective Cobalt-Catalyzed Hydrosilylation of Aryl Ketones. <i>Organic Letters</i> , 2016, 18, 4658-4661.	2.4	53
53	An Inositol Polyphosphate 5-Phosphatase Functions in PHOTOTROPIN1 Signaling in <i>Arabidopsis</i> by Altering Cytosolic Ca ²⁺ . <i>Plant Cell</i> , 2008, 20, 353-366.	3.1	51
54	The role of Arabidopsis 5PTase13 in root gravitropism through modulation of vesicle trafficking. <i>Cell Research</i> , 2009, 19, 1191-1204.	5.7	51

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55	Seismic resilient design with base isolation device using friction pendulum bearing and viscous damper. <i>Soil Dynamics and Earthquake Engineering</i> , 2022, 153, 107073.	1.9	50
56	Dynamic Optimization of Industrial Processes With Nonuniform Discretization-Based Control Vector Parameterization. <i>IEEE Transactions on Automation Science and Engineering</i> , 2014, 11, 1289-1299.	3.4	49
57	Auxin controls circadian flower opening and closure in the waterlily. <i>BMC Plant Biology</i> , 2018, 18, 143.	1.6	48
58	Multivariable robust blade pitch control design to reject periodic loads on wind turbines. <i>Renewable Energy</i> , 2020, 146, 329-341.	4.3	47
59	Polygenic link between blood lipids and amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2018, 67, 202.e1-202.e6.	1.5	46
60	Direct and interaction-mediated effects of environmental changes on peatland bryophytes. <i>Oecologia</i> , 2011, 166, 555-563.	0.9	45
61	Dominant Genetic Variation and Missing Heritability for Human Complex Traits: Insights from Twin versus Genome-wide Common SNP Models. <i>American Journal of Human Genetics</i> , 2015, 97, 708-714.	2.6	45
62	System Fragility Assessment of Tall-Pier Bridges Subjected to Near-Fault Ground Motions. <i>Journal of Bridge Engineering</i> , 2020, 25, .	1.4	45
63	Auxin and cytokinin coordinate the dormancy and outgrowth of axillary bud in strawberry runner. <i>BMC Plant Biology</i> , 2019, 19, 528.	1.6	44
64	Seismic performance of tall pier bridges retrofitted with lead rubber bearings and rocking foundation. <i>Engineering Structures</i> , 2020, 212, 110529.	2.6	42
65	Effects of hydrological regulation and anthropogenic pollutants on Dongting Lake in the Yangtze floodplain. <i>Ecohydrology</i> , 2016, 9, 315-325.	1.1	41
66	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.	1.4	41
67	Genome wide identification and functional characterization of strawberry pectin methylesterases related to fruit softening. <i>BMC Plant Biology</i> , 2020, 20, 13.	1.6	41
68	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.	3.9	40
69	Perturbed stochastic fractal search for solar PV parameter estimation. <i>Energy</i> , 2019, 189, 116247.	4.5	40
70	Bee-foraging learning particle swarm optimization. <i>Applied Soft Computing Journal</i> , 2021, 102, 107134.	4.1	40
71	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.	2.6	40
72	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.	4.0	39

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73	Seismic performance of pre-fabricated segmental bridge piers with grouted splice sleeve connections. <i>Engineering Structures</i> , 2021, 229, 111668.	2.6	39
74	Teaching-Learning-Based Optimization with Learning Enthusiasm Mechanism and Its Application in Chemical Engineering. <i>Journal of Applied Mathematics</i> , 2018, 2018, 1-19.	0.4	36
75	Solving static and dynamic multi-area economic dispatch problems using an improved competitive swarm optimization algorithm. <i>Energy</i> , 2022, 238, 122035.	4.5	36
76	Overview and new results in disturbance observer based adaptive vibration rejection with application to advanced manufacturing. <i>International Journal of Adaptive Control and Signal Processing</i> , 2015, 29, 1459-1474.	2.3	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. <i>Water (Switzerland)</i> , 2017, 9, 617.	1.2	34
78	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.	2.2	34
79	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.	5.2	34
80	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.	1.0	33
81	Fragility analysis of tall pier bridges subjected to near-fault pulse-like ground motions. <i>Structure and Infrastructure Engineering</i> , 2020, 16, 1082-1095.	2.0	33
82	A shared genetic contribution to breast cancer and schizophrenia. <i>Nature Communications</i> , 2020, 11, 4637.	5.8	33
83	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.	3.9	32
84	Novel dual-population adaptive differential evolution algorithm for large-scale multi-fuel economic dispatch with valve-point effects. <i>Energy</i> , 2020, 203, 117874.	4.5	32
85	Selective model inversion and adaptive disturbance observer for time-varying vibration rejection on an active-suspension benchmark. <i>European Journal of Control</i> , 2013, 19, 300-312.	1.6	31
86	Using sedimentary diatoms to identify reference conditions and historical variability in shallow lake ecosystems in the Yangtze floodplain. <i>Marine and Freshwater Research</i> , 2016, 67, 803.	0.7	30
87	Sedimentary Evidence of Environmental Degradation in Sanliqi Lake, Daye City (A Typical Mining City), Tj ETQq1 1 0.784314 rgBT /Over 1.3 28	1.3	28
88	An Improved Particle Swarm Optimization with Biogeography-Based Learning Strategy for Economic Dispatch Problems. <i>Complexity</i> , 2018, 2018, 1-15.	0.9	28
89	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.	2.6	26
90	Seismic assessment of earthquake-resistant tall pier bridges using rocking foundation retrofitted with various energy dissipation devices. <i>Structural Control and Health Monitoring</i> , 2020, 27, e2625.	1.9	25

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91	An enhanced exploratory whale optimization algorithm for dynamic economic dispatch. <i>Energy Reports</i> , 2021, 7, 7015-7029.	2.5	25
92	Diatom communities along pH and hydrological gradients in three montane mires, central China. <i>Ecological Indicators</i> , 2014, 45, 123-129.	2.6	24
93	Three-dimensional evolution of internal waves reflected from a submarine seamount. <i>Physics of Fluids</i> , 2017, 29, .	1.6	24
94	Rho-GTPase-regulated vesicle trafficking in plant cell polarity. <i>Biochemical Society Transactions</i> , 2014, 42, 212-218.	1.6	23
95	Recent advances in chiral imino-containing ligands for metal-catalyzed asymmetric transformations. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2280-2306.	1.5	23
96	Spatial distribution of subfossil Chironomidae in surface sediments of a large, shallow and hypertrophic lake (Taihu, SE China). <i>Hydrobiologia</i> , 2012, 691, 59-70.	1.0	22
97	Hybrid gradient particle swarm optimization for dynamic optimization problems of chemical processes. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2013, 8, 708-720.	0.8	22
98	A simplified procedure for estimating nonlinear seismic demand of tall piers. <i>Engineering Structures</i> , 2018, 174, 778-791.	2.6	22
99	Dynamic regulation of plasmodesmata permeability and its application to horticultural research. <i>Horticulture Research</i> , 2019, 6, 47.	2.9	22
100	Classification of Tea Quality Levels Using Near-Infrared Spectroscopy Based on CLPSO-SVM. <i>Foods</i> , 2022, 11, 1658.	1.9	21
101	Epiphytic diatoms and their relation to moisture and moss composition in two montane mires, Northeast China. <i>Fundamental and Applied Limnology</i> , 2012, 181, 197-206.	0.4	20
102	Pseudo Youla Kucera parameterization with control of the waterbed effect for local loop shaping. <i>Automatica</i> , 2015, 62, 177-183.	3.0	20
103	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.	4.4	19
104	Experimental investigation of the seismic performance of bridge models with conventional and rocking pile group foundations. <i>Engineering Structures</i> , 2018, 168, 889-902.	2.6	19
105	Adaptive differential evolution with multi-population-based mutation operators for constrained optimization. <i>Soft Computing</i> , 2019, 23, 3423-3447.	2.1	19
106	Self-adaptive differential evolution with Gaussian Cauchy mutation for large-scale CHP economic dispatch problem. <i>Neural Computing and Applications</i> , 2022, 34, 11769-11787.	3.2	19
107	Diatom response to heavy metal pollution and nutrient enrichment in an urban lake: evidence from paleolimnology. <i>Annales De Limnologie</i> , 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. <i>Journal of Earthquake Engineering</i> , 2022, 26, 2001-2022.	1.4	17

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109	Diatom-based water-table reconstruction in Sphagnum peatlands of northeastern China. <i>Water Research</i> , 2020, 174, 115648.	5.3	17
110	Geochemical markers of the Anthropocene: Perspectives from temporal trends in pollutants. <i>Science of the Total Environment</i> , 2021, 763, 142987.	3.9	17
111	Heterogeneity of chronic obstructive pulmonary disease: from phenotype to genotype. <i>Frontiers of Medicine</i> , 2013, 7, 425-432.	1.5	16
112	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.	1.1	16
113	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.	3.7	16
114	Use of siliceous algae as biological monitors of heavy metal pollution in three lakes in a mining city, southeast China. <i>Oceanological and Hydrobiological Studies</i> , 2013, 42, 233-242.	0.3	15
115	Optimal Decoupled Disturbance Observers for Dual-Input Single-Output Systems. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2014, 136, .	0.9	15
116	One-pot Synthesis of <i>N</i> -(Imidazo[1,2-a]pyridin-3-yl)Substituted Sulfonamides Using Catalytic Zinc Chloride. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2037-2043.	1.2	14
117	Multirate forward-model disturbance observer for feedback regulation beyond Nyquist frequency. <i>Systems and Control Letters</i> , 2016, 94, 181-188.	1.3	14
118	Fireworks explosion based artificial bee colony for numerical optimization. <i>Knowledge-Based Systems</i> , 2020, 188, 105002.	4.0	14
119	Regime shifts in shallow lake ecosystems along an urban-rural gradient in central China. <i>Science of the Total Environment</i> , 2020, 733, 139309.	3.9	14
120	Performance of four mosses in a reciprocal transplant experiment: implications for peatland succession in NE China. <i>Journal of Bryology</i> , 2013, 35, 220-227.	0.4	13
121	Upper ocean shear in the northern South China Sea. <i>Journal of Oceanography</i> , 2019, 75, 525-539.	0.7	13
122	An exercise-induced messenger boosts memory in Alzheimer's disease. <i>Nature Medicine</i> , 2019, 25, 20-21.	15.2	13
123	Spatiotemporal patterns of carbon sequestration in a large shallow lake, Chaohu Lake: Evidence from multiple-core records. <i>Limnologica</i> , 2020, 81, 125748.	0.7	13
124	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.	2.6	13
125	Spatial Variations in the Surface Water Chemistry of Subtropical Peatlands (Central China) Linked to Anthropogenic Pressures. <i>Water (Switzerland)</i> , 2017, 9, 505.	1.2	12
126	Teaching-Learning-Based Artificial Bee Colony. <i>Lecture Notes in Computer Science</i> , 2018, , 166-178.	1.0	12

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127	Optimizing the 3D Distributed Climate inside Greenhouses Using Multi-Objective Optimization Algorithms and Computer Fluid Dynamics. <i>Energies</i> , 2019, 12, 2873.	1.6	12
128	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.	1.4	12
129	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.	1.9	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. <i>IEEE Transactions on Control Systems Technology</i> , 2016, 24, 302-309.	3.2	11
132	Scattering of low-mode internal tides at different shaped continental shelves. <i>Continental Shelf Research</i> , 2018, 169, 17-24.	0.9	11
133	Direct and indirect effects of Holocene climate variations on catchment and lake processes of a treeline lake, SW China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 502, 119-129.	1.0	11
134	Reflection of K_1 Internal Tides at the Continental Slope in the Northern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017260.	1.0	11
135	PHGDH expression increases with progression of Alzheimer's disease pathology and symptoms. <i>Cell Metabolism</i> , 2022, 34, 651-653.	7.2	11
136	Optimal plant shaping for high bandwidth disturbance rejection in discrete disturbance observers. , 2010, , .		10
137	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.	1.5	10
138	Effects of Higher Modes on Tall Piers. <i>IABSE Symposium Report</i> , 2016, , .	0.0	10
139	Fast seismic response estimation of tall pier bridges based on deep learning techniques. <i>Engineering Structures</i> , 2022, 266, 114566.	2.6	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. <i>International Journal of Remote Sensing</i> , 2019, 40, 7017-7032.	1.3	9
142	Environmental Together With Interspecific Interactions Determine Bryophyte Distribution in a Protected Mire of Northeast China. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	9
143	Effects of climate warming and nitrogen deposition on subtropical montane ponds (central China) over the last two centuries: Evidence from subfossil chironomids. <i>Environmental Pollution</i> , 2020, 262, 114256.	3.7	9
144	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.	1.4	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 _y /Overlo	1.6	9
146	Pounding performance between a seismic-isolated long-span girder bridge and its approaches. <i>Engineering Structures</i> , 2022, 262, 114397.	2.6	9
147	Laboratory experiments on the generation of internal waves on two kinds of continental margin. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	8
148	Adaptive Loop Shaping for Wideband Disturbances Attenuation in Precision Information Storage Systems. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-13.	1.2	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. <i>Acta Botanica Croatica</i> , 2012, 71, 299-310.	0.3	7
151	Laboratory experiments on the resonance of internal waves on a finite height subcritical topography. <i>Ocean Dynamics</i> , 2015, 65, 1269-1274.	0.9	7
152	Cystatin C Predicts Incident Cardiovascular Disease in Twins. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	7
153	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.	3.9	7
154	Scattering of Low-Mode Internal Tides at a Continental Shelf. <i>Journal of Physical Oceanography</i> , 2019, 49, 453-468.	0.7	7
155	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.	0.4	7
156	Cost minimization control for electric vehicle car parks with vehicle to grid technology. <i>Systems Science and Control Engineering</i> , 2020, 8, 422-433.	1.8	7
157	Estimation of the Reflection of Internal Tides on a Slope. <i>Journal of Ocean University of China</i> , 2020, 19, 489-496.	0.6	7
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