Lei Xu

List of Publications by Year
in descending order

151 papers	5,814 citations	71102 41 h-index	88630 70 g-index
157 all docs	157 docs citations	157 times ranked	5481 citing authors

#	Article	IF	Citations
1	Drop Splashing on a Dry Smooth Surface. Physical Review Letters, 2005, 94, 184505.	7.8	553
2	A review of a recently emerged technology: Constructed wetland â€“ Microbial fuel cells. Water Research, 2015, 85, 38-45.	11.3	285
3	Superhydrophobic-like tunable droplet bouncing on slippery liquid interfaces. Nature Communications, 2015, 6, 7986.	12.8	229
4	Visualizing kinetic pathways of homogeneous nucleation in colloidal crystallization. Nature Physics, 2014, 10, 73-79.	16.7	205
5	Liquid drop splashing on smooth, rough, and textured surfaces. Physical Review E, 2007, 75, 056316.	2.1	179
6	The integrated processes for wastewater treatment based on the principle of microbial fuel cells: A review. Critical Reviews in Environmental Science and Technology, 2016, 46, 60-91.	12.8	144
7	A spatiotemporal deep learning model for sea surface temperature field prediction using time-series satellite data. Environmental Modelling and Software, 2019, 120, 104502.	4.5	122
8	Towards concurrent pollutants removal and high energy harvesting in a pilot-scale CW-MFC: Insight into the cathode conditions and electrodes connection. Chemical Engineering Journal, 2019, 373, 150-160.	12.7	120
9	Splashing of liquids: Interplay of surface roughness with surrounding gas. Physical Review E, 2007, 76, 066311.	2.1	113
10	Environmental efficiency analysis of the Yangtze River Economic Zone using super efficiency data envelopment analysis (SEDEA) and tobit models. Energy, 2017, 134, 659-671.	8.8	108
11	Towards the zero-surface-tension limit in granular fingering instability. Nature Physics, 2008, 4, 234-237.	16.7	106
12	Kelvinâ€“Helmholtz instability in an ultrathin air film causes drop splashing on smooth surfaces. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3280-3284.	7.1	103
13	Global drought trends under 1.5 and 2 Â°C warming. International Journal of Climatology, 2019, 39, 2375-2385.	3.5	100
14	Dynamics of Drying in 3D Porous Media. Physical Review Letters, 2008, 101, 094502.	7.8	95
15	Continental drought monitoring using satellite soil moisture, data assimilation and an integrated drought index. Remote Sensing of Environment, 2020, 250, 112028.	11.0	94
16	Will China make a difference in its carbon intensity reduction targets by 2020 and 2030?. Applied Energy, 2017, 203, 874-882.	10.1	93
17	Role of macrophyte species in constructed wetland-microbial fuel cell for simultaneous wastewater treatment and bioenergy generation. Chemical Engineering Journal, 2020, 392, 123708.	12.7	82
18	In-situ and triple-collocation based evaluations of eight global root zone soil moisture products. Remote Sensing of Environment, 2021, 254, 112248.	11.0	77

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19	A novel model for determining the amplitude-wavelength limits of track irregularities accompanied by a reliability assessment in railway vehicle-track dynamics. Mechanical Systems and Signal Processing, 2017, 86, 260-277.	8.0	73
20	Occurrences of 29 pesticides in the Huangpu River, China: Highest ecological risk identified in Shanghai metropolitan area. Chemosphere, 2020, 251, 126411.	8.2	71
21	Sub-regional groundwater storage recovery in North China Plain after the South-to-North water diversion project. Journal of Hydrology, 2021, 597, 126156.	5.4	70
22	Investigation of pre-coagulation and powder activate carbon adsorption on ultrafiltration membrane fouling. Journal of Membrane Science, 2014, 459, 157-168.	8.2	67
23	A probabilistic model for track random irregularities in vehicle/track coupled dynamics. Applied Mathematical Modelling, 2017, 51, 145-158.	4.2	66
24	An evaluation of statistical, NMME and hybrid models for drought prediction in China. Journal of Hydrology, 2018, 566, 235-249.	5.4	65
25	Improving Global Monthly and Daily Precipitation Estimation by Fusing Gauge Observations, Remote Sensing, and Reanalysis Data Sets. Water Resources Research, 2020, 56, e2019WR026444.	4.2	64
26	Stochastic analysis model for vehicle-track coupled systems subject to earthquakes and track random irregularities. Journal of Sound and Vibration, 2017, 407, 209-225.	3.9	57
27	Trainâ€“track coupled dynamics analysis: system spatial variation on geometry, physics and mechanics. Railway Engineering Science, 2020, 28, 36-53.	4.4	56
28	Hierarchical Porous Materials Made by Drying Complex Suspensions. Langmuir, 2011, 27, 955-964.	3.5	55
29	Effects of yttrium doping on the electrical performances and stability of ZnO thin-film transistors. Applied Surface Science, 2019, 475, 565-570.	6.1	55
30	Pre-treatment for ultrafiltration: effect of pre-chlorination on membrane fouling. Scientific Reports, 2014, 4, 6513.	3.3	54
31	The pre-treatment of submerged ultrafiltration membrane by coagulationâ€”Effect of polyacrylamide as a coagulant aid. Journal of Membrane Science, 2013, 446, 50-58.	8.2	53
32	Compressible air entrapment in high-speed drop impacts on solid surfaces. Journal of Fluid Mechanics, 2013, 716, .	3.4	52
33	A three-dimensional model for train-track-bridge dynamic interactions with hypothesis of wheel-rail rigid contact. Mechanical Systems and Signal Processing, 2019, 132, 471-489.	8.0	50
34	A three-dimensional dynamic model for train-track interactions. Applied Mathematical Modelling, 2019, 76, 443-465.	4.2	50
35	A new model for temporalâ€“spatial stochastic analysis of vehicleâ€“track coupled systems. Vehicle System Dynamics, 2017, 55, 427-448.	3.7	48
36	Coalescence of Pickering Emulsion Droplets Induced by an Electric Field. Physical Review Letters, 2013, 110, 064502.	7.8	46

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37	Spatiotemporal forecasting in earth system science: Methods, uncertainties, predictability and future directions. Earth-Science Reviews, 2021, 222, 103828.	9.1	46
38	A matrix coupled model for vehicle-slab track-subgrade interactions at 3-D space. Soil Dynamics and Earthquake Engineering, 2020, 128, 105894.	3.8	45
39	Spatiotemporal Changes in China's Terrestrial Water Storage From GRACE Satellites and Its Possible Drivers. Journal of Geophysical Research D: Atmospheres, 2019, 124, 11976-11993.	3.3	44
40	Comprehensive exploration of heavy metal contamination and risk assessment at two common smelter sites. Chemosphere, 2021, 285, 131350.	8.2	44
41	Understanding the Low-Frequency Quasilocalized Modes in Disordered Colloidal Systems. Physical Review Letters, 2012, 108, 095501.	7.8	43
42	Promoting the bio-cathode formation of a constructed wetland-microbial fuel cell by using powder activated carbon modified alum sludge in anode chamber. Scientific Reports, 2016, 6, 26514.	3.3	43
43	Improving the North American multi-model ensemble (NMME) precipitation forecasts at local areas using wavelet and machine learning. Climate Dynamics, 2019, 53, 601-615.	3.8	42
44	Relationship between increase rate of human plague in China and global climate index as revealed by crossâ€spectral and crossâ€wavelet analyses. Integrative Zoology, 2007, 2, 144-153.	2.6	40
45	A coupled model for train-track-bridge stochastic analysis with consideration of spatial variation and temporal evolution. Applied Mathematical Modelling, 2018, 63, 709-731.	4.2	39
46	Hyperaccumulating potential of Bidens pilosa L. for Cd and elucidation of its translocation behavior based on cell membrane permeability. Environmental Science and Pollution Research, 2017, 24, 23161-23167.	5.3	38
47	Equilibrium, Kinetic, and Thermodynamic Studies on the Adsorption of Cadmium from Aqueous Solution by Modified Biomass Ash. Bioinorganic Chemistry and Applications, 2017, 2017, 1-9.	4.1	38
48	Constructed wetland integrated microbial fuel cell system: looking back, moving forward. Water Science and Technology, 2017, 76, 471-477.	2.5	37
49	Application of Microfluidics in Wearable Devices. Small Methods, 2019, 3, 1900688.	8.6	37
50	Fast crystal growth at ultra-low temperatures. Nature Materials, 2021, 20, 1431-1439.	27.5	36
51	Effective abatement of 29 pesticides in full-scale advanced treatment processes of drinking water: From concentration to human exposure risk. Journal of Hazardous Materials, 2021, 403, 123986.	12.4	35
52	The role of drop shape in impact and splash. Nature Communications, 2021, 12, 3068.	12.8	35
53	Energy capture and nutrients removal enhancement through a stacked constructed wetland incorporated with microbial fuel cell. Water Science and Technology, 2017, 76, 28-34.	2.5	34
54	A parametric multivariate drought index for drought monitoring and assessment under climate change. Agricultural and Forest Meteorology, 2021, 310, 108657.	4.8	34

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55	Application of Integrated Bioelectrochemical-Wetland Systems for Future Sustainable Wastewater Treatment. Environmental Science & Technology, 2019, 53, 1741-1743.	10.0	33
56	Effects of micro-/nano-hydroxyapatite and phytoremediation on fungal community structure in copper contaminated soil. Ecotoxicology and Environmental Safety, 2019, 174, 100-109.	6.0	32
57	An advanced vehicleâ€“slab track interaction model considering rail random irregularities. JVC/Journal of Vibration and Control, 2018, 24, 4592-4603.	2.6	31
58	Active Site of Escherichia coli DNA Photolyase: Asn378 Is Crucial both for Stabilizing the Neutral Flavin Radical Cofactor and for DNA Repair. Biochemistry, 2008, 47, 8736-8743.	2.5	29
59	The Influence of Small Organic Molecules on Coagulation from the Perspective of Hydrolysis Competition and Crystallization. Environmental Science & Technology, 2021, 55, 7456-7465.	10.0	29
60	On use of characteristic wavelengths of track irregularities to predict track portions with deteriorated wheel/rail forces. Mechanical Systems and Signal Processing, 2018, 104, 264-278.	8.0	28
61	Modelling of vehicle-track related dynamics: a development of multi-finite-element coupling method and multi-time-step solution method. Vehicle System Dynamics, 2022, 60, 1097-1124.	3.7	28
62	Comparative investigation of the deactivation behaviors over HZSM-5 and HSAPO-34 catalysts during low-temperature methanol conversion. Catalysis Science and Technology, 2017, 7, 2022-2031.	4.1	26
63	A comparison of large-scale climate signals and the North American Multi-Model Ensemble (NMME) for drought prediction in China. Journal of Hydrology, 2018, 557, 378-390.	5.4	26
64	Assessment of bacterial communities in Cu-contaminated soil immobilized by a one-time application of micro-/nano-hydroxyapatite and phytoremediation for 3 years. Chemosphere, 2019, 223, 240-249.	8.2	26
65	A data-driven multi-model ensemble for deterministic and probabilistic precipitation forecasting at seasonal scale. Climate Dynamics, 2020, 54, 3355-3374.	3.8	26
66	Matrix coupled model for the vehicleâ€“track interaction analysis featured to the railway crossing. Mechanical Systems and Signal Processing, 2021, 152, 107485.	8.0	26
67	Three-dimensional vehicle-ballasted track-subgrade interaction: Model construction and numerical analysis. Applied Mathematical Modelling, 2020, 86, 424-445.	4.2	25
68	Probabilistic assessment of railway vehicle-curved track systems considering track random irregularities. Vehicle System Dynamics, 2018, 56, 1552-1576.	3.7	24
69	Abatement of the membrane biofouling: Performance of an in-situ integrated bioelectrochemical-ultrafiltration system. Water Research, 2020, 179, 115892.	11.3	24
70	The effects of different electric fields and electrodes on Solanum nigrum L. Cd hyperaccumulation in soil. Chemosphere, 2020, 246, 125666.	8.2	23
71	Integrated survey on the heavy metal distribution, sources and risk assessment of soil in a commonly developed industrial area. Ecotoxicology and Environmental Safety, 2022, 236, 113462.	6.0	23
72	On effects of track random irregularities on random vibrations of vehicleâ€“track interactions. Probabilistic Engineering Mechanics, 2017, 50, 25-35.	2.7	22

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73	Diffusion-Dominated Pinch-Off of Ultralow Surface Tension Fluids. Physical Review Letters, 2019, 123, 134501.	7.8	22
74	Embedding constructed wetland in sequencing batch reactor for enhancing nutrients removal: A comparative evaluation. Journal of Environmental Management, 2017, 192, 302-308.	7.8	21
75	Enhancing ultrafiltration performance by gravity-driven up-flow slow biofilter pre-treatment to remove natural organic matters and biopolymer foulants. Water Research, 2021, 195, 117010.	11.3	21
76	Relationship between air quality and economic development in the provincial capital cities of China. Environmental Science and Pollution Research, 2017, 24, 2928-2935.	5.3	20
77	Development of a railway wagon-track interaction model: Case studies on excited tracks. Mechanical Systems and Signal Processing, 2018, 100, 877-898.	8.0	20
78	Bond strength and corrosion behavior of rebar embedded in straw ash concrete. Construction and Building Materials, 2019, 205, 21-30.	7.2	19
79	Using Multi-Temporal MODIS NDVI Data to Monitor Tea Status and Forecast Yield: A Case Study at Tanuyen, Laichau, Vietnam. Remote Sensing, 2020, 12, 1814.	4.0	19
80	Drying of Complex Suspensions. Physical Review Letters, 2010, 104, 128303.	7.8	18
81	Extended applications of track irregularity probabilistic model and vehicleâ€“slab track coupled model on dynamics of railway systems. Vehicle System Dynamics, 2017, 55, 1686-1706.	3.7	18
82	A fancy eco-compatible wastewater treatment system: Green Bio-sorption Reactor. Bioresource Technology, 2017, 234, 224-232.	9.6	17
83	Mechanism of Contact between a Droplet and an Atomically Smooth Substrate. Physical Review X, 2017, 7, .	8.9	17
84	Construction of a dynamic model for the interaction between the versatile tracks and a vehicle. Engineering Structures, 2020, 206, 110067.	5.3	17
85	Optimal voltage and treatment time of electric field with assistant Solanum nigrum L. cadmium hyperaccumulation in soil. Chemosphere, 2020, 253, 126575.	8.2	17
86	Eliminating cracking during drying. European Physical Journal E, 2013, 36, 28.	1.6	15
87	A near-fault vertical scenario earthquakes-based generic simulation framework for elastoplastic seismic analysis of light rail vehicle-viaduct system. Vehicle System Dynamics, 2021, 59, 949-973.	3.7	15
88	Deep Rival Penalized Competitive Learning for low-resolution face recognition. Neural Networks, 2022, 148, 183-193.	5.9	15
89	Instability development of a viscous liquid drop impacting a smooth substrate. Physical Review E, 2010, 82, 025303.	2.1	14
90	Probing the Role of Mobility in the Collective Motion of Nonequilibrium Systems. Physical Review Letters, 2016, 116, 048302.	7.8	14

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91	Emergence of Droplets at the Nonequilibrium All-Aqueous Interface in a Vertical Hele-Shaw Cell. Langmuir, 2018, 34, 3030-3036.	3.5	14
92	Deep bidirectional intelligence: AlphaZero, deep IA-search, deep IA-infer, and TPC causal learning. Applied Informatics, 2018, 5, .	0.5	14
93	Ornamental hyperaccumulator Mirabilis jalapa L. phytoremediating combine contaminated soil enhanced by some chelators and surfactants. Environmental Science and Pollution Research, 2018, 25, 29699-29704.	5.3	14
94	An efficient approach for numerical simulation of concrete-filled round-ended steel tubes. Journal of Constructional Steel Research, 2020, 170, 106086.	3.9	14
95	Numerical simulation platform for slab track systems subjected to a moving vehicle. Advances in Engineering Software, 2021, 154, 102984.	3.8	14
96	Unusual deactivation of HZSM-5 zeolite in the methanol to hydrocarbon reaction. Catalysis Science and Technology, 2017, 7, 894-901.	4.1	13
97	A model for vehicleâ€“track random interactions on effects of crosswinds and track irregularities. Vehicle System Dynamics, 2019, 57, 444-469.	3.7	13
98	Investigation of the vibration isolation performance of floating slab track with rubber bearings using a stochastic fractional derivative model. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2020, 234, 992-1004.	2.0	13
99	Unraveling Membrane Fouling Induced by Chlorinated Water Versus Surface Water: Biofouling Properties and Microbiological Investigation. Engineering, 2022, 15, 154-164.	6.7	13
100	Co-high-efficiency washing agents for simultaneous removal of Cd, Pb and As from smelting soil with risk assessment. Chemosphere, 2022, 300, 134581.	8.2	13
101	Reversible resolution of flavin and pterin cofactors of His-tagged Escherichia coli DNA photolyase. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2006, 1764, 1454-1461.	2.3	12
102	Altered nucleic acid partitioning during phenol extraction or silica adsorption by guanidinium and potassium salts. Analytical Biochemistry, 2011, 419, 309-316.	2.4	12
103	Photoreactivation of Escherichia coli is impaired at high growth temperatures. Journal of Photochemistry and Photobiology B: Biology, 2015, 147, 37-46.	3.8	12
104	Influence of acid site density on the three-staged MTH induction reaction over HZSM-5 zeolite. RSC Advances, 2016, 6, 52284-52291.	3.6	12
105	Evolution of the reaction mechanism during the MTH induction period over the 2-dimensional FER zeolite. RSC Advances, 2016, 6, 56698-56704.	3.6	12
106	Contribution of Fe3O4 nanoparticles to the fouling of ultrafiltration with coagulation pre-treatment. Scientific Reports, 2015, 5, 13067.	3.3	11
107	A Three-Dimensional Dynamic Model for Railway Vehicleâ€“Track Interactions. Journal of Computational and Nonlinear Dynamics, 2018, 13, .	1.2	11
108	NDVI Variation and Yield Prediction in Growing Season: A Case Study with Tea in Tanuyen Vietnam. Atmosphere, 2021, 12, 962.	2.3	11

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109	Self-powered adjustable UV and NIR photodetectors based on one-step synthesized TeO2 doped ZnO composite nanorods/Si heterojunction. Sensors and Actuators A: Physical, 2021, 331, 113009.	4.1	11
110	Activity assay of His-tagged E. coli DNA photolyase by RP-HPLC and SE-HPLC. Journal of Proteomics, 2005, 63, 111-124.	2.4	10
111	Enhanced phytoremediation of cadmium and/or benzo(a)pyrene contaminated soil by hyperaccumlator Solanum nigrum L.. International Journal of Phytoremediation, 2018, 20, 862-868.	3.1	10
112	A spectral evolution model for track geometric degradation in trainâ€“track long-term dynamics. Vehicle System Dynamics, 2020, 58, 1-27.	3.7	10
113	Enhanced Ultra-violet Photodetection Based on a Heterojunction Consisted of ZnO Nanowires and Single-Layer Graphene on Silicon Substrate. Electronic Materials Letters, 2020, 16, 81-88.	2.2	10
114	A Novel Type II NAD+-Specific Isocitrate Dehydrogenase from the Marine Bacterium Congregibacter litoralis KT71. PLoS ONE, 2015, 10, e0125229.	2.5	10
115	Potential Precipitation Predictability Decreases Under Future Warming. Geophysical Research Letters, 2020, 47, e2020GL090798.	4.0	9
116	Vehicleâ€“track interaction with consideration of rail irregularities at three-dimensional space. JVC/Journal of Vibration and Control, 2020, 26, 1228-1240.	2.6	9
117	Dynamic solution for vehicleâ€“track interaction considering the elastoplasticity of track slabs. JVC/Journal of Vibration and Control, 2021, 27, 1668-1680.	2.6	9
118	Achieving adjustable elasticity with non-affine to affine transition. Nature Materials, 2021, 20, 1635-1642.	27.5	9
119	The effects of pH and salts on nucleic acid partitioning during phenol extraction. Nucleosides, Nucleotides and Nucleic Acids, 2019, 38, 305-320.	1.1	8
120	Cross Wind Effects on Vehicleâ€“Track Interactions: A Methodology for Dynamic Model Construction. Journal of Computational and Nonlinear Dynamics, 2019, 14, .	1.2	8
121	Identification of a Novel Class of Photolyases as Possible Ancestors of Their Family. Molecular Biology and Evolution, 2021, 38, 4505-4519.	8.9	8
122	Influence of the finite element type of the sleeper on vehicle-track interaction: a numerical study. Vehicle System Dynamics, 2021, 59, 1533-1556.	3.7	8
123	The Roles of Several Residues ofEscherichia coliDNA Photolyase in the Highly Efficient Photo-Repair of Cyclobutane Pyrimidine Dimers. Journal of Nucleic Acids, 2010, 2010, 1-7.	1.2	7
124	Machine learning and causal analyses for modeling financial and economic data. Applied Informatics, 2018, 5, .	0.5	7
125	A universal state and its relaxation mechanisms of long-range interacting polygons. Nature Communications, 2019, 10, 1737.	12.8	7
126	Residues at a Single Site Differentiate Animal Cryptochromes from Cyclobutane Pyrimidine Dimer Photolyases by Affecting the Proteins' Preferences for Reduced FAD. ChemBioChem, 2017, 18, 1129-1137.	2.6	6

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127	Global Sensitivity Analysis for Vehicleâ€“Track Interactions: Special Attention on Track Irregularities. Journal of Computational and Nonlinear Dynamics, 2018, 13, .	1.2	6
128	Cryptochrome 1 Alleviates the Antiproliferative Effect of Isoproterenol on Human Gastric Cancer Cells. Dose-Response, 2020, 18, 155932582093902.	1.6	5
129	Insight into the effect of in-situ galvanic micro-coagulation on membrane fouling mitigation treating surface water. Journal of Membrane Science, 2020, 610, 118234.	8.2	5
130	A scalable parallel unstructured finite volume lattice Boltzmann method for threeâ€dimensional incompressible flow simulations. International Journal for Numerical Methods in Fluids, 2021, 93, 2744-2762.	1.6	5
131	Nickel(II) complexes with sterically hindered 5,6,7â€trihydroquinoline derivatives selectively dimerizing ethylene to 1â€butene. Applied Organometallic Chemistry, 0, , .	3.5	5
132	Impacts of Cys392, Asp393, and ATP on the FAD Binding, Photoreduction, and the Stability of the Radical State of Chlamydomonas reinhardtii Cryptochrome. ChemBioChem, 2019, 20, 940-948.	2.6	4
133	Deep IA-BI and Five Actions in Circling. Lecture Notes in Computer Science, 2019, , 1-21.	1.3	4
134	Influence of track flexibility and spatial coherence of track irregularity on vehicle-slab track interaction: frequency-domain analysis. International Journal of Rail Transportation, 2021, 9, 342-367.	2.7	3
135	Transient probabilistic solutions of stochastic oscillator with even nonlinearities by exponential polynomial closure method. JVC/Journal of Vibration and Control, 0, , 107754632098777.	2.6	3
136	Detection of Phenotype-Related Mutations of COVID-19 via the Whole Genomic Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 1242-1249.	3.0	3
137	Learning deep IA bidirectional intelligence. Frontiers of Information Technology and Electronic Engineering, 2020, 21, 558-562.	2.6	2
138	The effects of different electrode materials on seed germination of Solanum nigrum L. and its Cd accumulation in soil. Journal of Environmental Sciences, 2022, 113, 291-299.	6.1	2
139	From a dimer to a monomer: Construction of a chimeric monomeric isocitrate dehydrogenase. Protein Science, 2021, 30, 2396-2407.	7.6	2
140	Track Random Irregularity Analysis for Heavy-Haul Railway. , 2018, , .		1
141	Investigation on the Detrimental Wavelength of Track Irregularity for the Suspended Monorail Vehicle System. , 2018, , .		1
142	A novel median dual finite volume lattice Boltzmann method for incompressible flows on unstructured grids. International Journal of Modern Physics C, 2020, 31, 2050173.	1.7	1
143	Deep CNN Based Lmser and Strengths of Two Built-In Dualities. Neural Processing Letters, 2022, 54, 3565-3581.	3.2	1
144	A Consistency Enhanced Deep Lmser Network for Face Sketch Synthesis. Lecture Notes in Computer Science, 2021, , 127-138.	1.3	1

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145	Molecular Switches and Multiple Logic Gates Based on 4â€(2â€Pyridylazo)resorcinol. Chinese Journal of Chemistry, 2013, 31, 721-725.	4.9	0
146	Star-causality and factor analysis: old stories and new perspectives. Applied Informatics, 2017, 4, .	0.5	0
147	Research on the Peaks of Elevated Box Bridge Structure Noise of High Speed Railway. , 2018, , .		0
148	Formulation of Track Irregularities Boundary PSD Based on a 3-D Nonlinear Vehicle-Track Interaction Model. , 2018, , .		0
149	Researches on Vibration and Noise Reduction of CRTS-III Slab Track Arranged on Box Bridge. , 2018, , .		0
150	Drop expansion driven by bubbling on microscale patterned substrates under low air pressure. Chemical Engineering Journal, 2020, 391, 123547.	12.7	0
151	Efficient statistics of the wheel-rail contact stress: cases on track geometric excitation. Vehicle System Dynamics, 2021, 59, 1355-1375.	3.7	0