Zhong-Ke Gao

List of Publications by Year
in descending order

149	4,670	87723	114278
papers	citations	38 h-index	63 g-index

153	153	153	2820
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	EEG-Based Spatioâ€“Temporal Convolutional Neural Network for Driver Fatigue Evaluation. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2755-2763.	7.2	272
2	Complex network analysis of time series. Europhysics Letters, 2016, 116, 50001.	0.7	230
3	Multivariate weighted complex network analysis for characterizing nonlinear dynamic behavior in two-phase flow. Experimental Thermal and Fluid Science, 2015, 60, 157-164.	1.5	172
4	Complex network from time series based on phase space reconstruction. Chaos, 2009, 19, 033137.	1.0	162
5	Flow-pattern identification and nonlinear dynamics of gas-liquid two-phase flow in complex networks. Physical Review E, 2009, 79, 066303.	0.8	154
6	Visibility Graph from Adaptive Optimal Kernel Time-Frequency Representation for Classification of Epileptiform EEG. International Journal of Neural Systems, 2017, 27, 1750005.	3.2	147
7	Multiscale limited penetrable horizontal visibility graph for analyzing nonlinear time series. Scientific Reports, 2016, 6, 35622.	1.6	135
8	A directed weighted complex network for characterizing chaotic dynamics from time series. Nonlinear Analysis: Real World Applications, 2012, 13, 947-952.	0.9	130
9	Multiscale complex network for analyzing experimental multivariate time series. Europhysics Letters, 2015, 109, 30005.	0.7	116
10	Multi-frequency complex network from time series for uncovering oil-water flow structure. Scientific Reports, 2015, 5, 8222.	1.6	106
11	A novel convolutional neural network framework based solar irradiance prediction method. International Journal of Electrical Power and Energy Systems, 2020, 114, 105411.	3.3	102
12	Flow pattern and water holdup measurements of vertical upward oilâ€“water two-phase flow in small diameter pipes. International Journal of Multiphase Flow, 2012, 41, 91-105.	1.6	93
13	Complex networks and deep learning for EEG signal analysis. Cognitive Neurodynamics, 2021, 15, 369-388.	2.3	89
14	A Four-Sector Conductance Method for Measuring and Characterizing Low-Velocity Oilâ€“Water Two-Phase Flows. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 1690-1697.	2.4	85
15	Recurrence networks from multivariate signals for uncovering dynamic transitions of horizontal oil-water stratified flows. Europhysics Letters, 2013, 103, 50004.	0.7	84
16	A Channel-Fused Dense Convolutional Network for EEG-Based Emotion Recognition. IEEE Transactions on Cognitive and Developmental Systems, 2021, 13, 945-954.	2.6	81
17	Motif distributions in phase-space networks for characterizing experimental two-phase flow patterns with chaotic features. Physical Review E, 2010, 82, 016210.	0.8	75
18	A Novel Multiplex Network-Based Sensor Information Fusion Model and Its Application to Industrial Multiphase Flow System. IEEE Transactions on Industrial Informatics, 2018, 14, 3982-3988.	7.2	70

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19	Spatial prisoner's dilemma games with increasing neighborhood size and individual diversity on two interdependent lattices. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 767-773.	0.9	68
20	Characterizing slug to churn flow transition by using multivariate pseudo Wigner distribution and multivariate multiscale entropy. Chemical Engineering Journal, 2016, 291, 74-81.	6.6	65
21	Nonlinear dynamic analysis of large diameter inclined oilâ€“water two phase flow pattern. International Journal of Multiphase Flow, 2010, 36, 166-183.	1.6	64
22	Multivariate recurrence network analysis for characterizing horizontal oil-water two-phase flow. Physical Review E, 2013, 88, 032910.	0.8	60
23	Wavelet Multiresolution Complex Network for Analyzing Multivariate Nonlinear Time Series. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750123.	0.7	59
24	Relative Wavelet Entropy Complex Network for Improving EEG-Based Fatigue Driving Classification. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 2491-2497.	2.4	58
25	A Complex Network-Based Broad Learning System for Detecting Driver Fatigue From EEG Signals. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5800-5808.	5.9	57
26	An adaptive optimal-Kernel time-frequency representation-based complex network method for characterizing fatigued behavior using the SSVEP-based BCI system. Knowledge-Based Systems, 2018, 152, 163-171.	4.0	54
27	Q-learning solution for optimal consensus control of discrete-time multiagent systems using reinforcement learning. Journal of the Franklin Institute, 2019, 356, 6946-6967.	1.9	50
28	A GPSO-optimized convolutional neural networks for EEG-based emotion recognition. Neurocomputing, 2020, 380, 225-235.	3.5	50
29	ADP-Based Robust Tracking Control for a Class of Nonlinear Systems With Unmatched Uncertainties. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4056-4067.	5.9	48
30	A recurrence quantification analysis-based channel-frequency convolutional neural network for emotion recognition from EEG. Chaos, 2018, 28, 085724.	1.0	47
31	A recurrence network-based convolutional neural network for fatigue driving detection from EEG. Chaos, 2019, 29, 113126.	1.0	47
32	Nonlinear characterization of oilâ€“gasâ€“water three-phase flow in complex networks. Chemical Engineering Science, 2011, 66, 2660-2671.	1.9	46
33	Liquid holdup measurement with double helix capacitance sensor in horizontal oilâ€“water two-phase flow pipes. Chinese Journal of Chemical Engineering, 2015, 23, 268-275.	1.7	46
34	Analysis of total energy and time-frequency entropy of gasâ€“liquid two-phase flow pattern. Chemical Engineering Science, 2012, 82, 144-158.	1.9	43
35	Cross-correlation velocity measurement of horizontal oilâ€“water two-phase flow by using parallelâ€“wire capacitance probe. Experimental Thermal and Fluid Science, 2014, 53, 277-289.	1.5	43
36	Experimental flow pattern map, slippage and timeâ€“frequency representation of oilâ€“water two-phase flow in horizontal small diameter pipes. International Journal of Multiphase Flow, 2015, 76, 168-186.	1.6	43

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37	A Novel Deep Learning Framework for Industrial Multiphase Flow Characterization. IEEE Transactions on Industrial Informatics, 2019, 15, 5954-5962.	7.2	40
38	Dynamic Joint Domain Adaptation Network for Motor Imagery Classification. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 556-565.	2.7	40
39	Nonlinear dynamical analysis of large diameter vertical upward oilâ€“gasâ€“water three-phase flow pattern characteristics. Chemical Engineering Science, 2010, 65, 5226-5236.	1.9	39
40	Impact of Degree Heterogeneity on Attack Vulnerability of Interdependent Networks. Scientific Reports, 2016, 6, 32983.	1.6	39
41	Multilayer Network from Multivariate Time Series for Characterizing Nonlinear Flow Behavior. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750059.	0.7	38
42	Multiplex Limited Penetrable Horizontal Visibility Graph from EEG Signals for Driver Fatigue Detection. International Journal of Neural Systems, 2019, 29, 1850057.	3.2	38
43	The measurement of gasâ€“liquid two-phase flows in a small diameter pipe using a dual-sensor multi-electrode conductance probe. Measurement Science and Technology, 2016, 27, 045101.	1.4	37
44	The measurement of local flow parameters for gasâ€“liquid two-phase bubbly flows using a dual-sensor probe array. Chemical Engineering Science, 2016, 144, 346-363.	1.9	36
45	The experimental signals analysis for bubbly oil-in-water flow using multi-scale weighted-permutation entropy. Physica A: Statistical Mechanics and Its Applications, 2015, 417, 230-244.	1.2	34
46	A Coincidence-Filtering-Based Approach for CNNs in EEG-Based Recognition. IEEE Transactions on Industrial Informatics, 2020, 16, 7159-7167.	7.2	33
47	The ultrasonic measurement of high water volume fraction in dispersed oil-in-water flows. Chemical Engineering Science, 2013, 94, 271-283.	1.9	32
48	Classification of EEG Signals on VEP-Based BCI Systems With Broad Learning. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7143-7151.	5.9	32
49	Multi-scale cross entropy analysis for inclined oilâ€“water two-phase countercurrent flow patterns. Chemical Engineering Science, 2011, 66, 6099-6108.	1.9	31
50	Multiplex multivariate recurrence network from multi-channel signals for revealing oil-water spatial flow behavior. Chaos, 2017, 27, 035809.	1.0	30
51	Characterization of chaotic dynamic behavior in the gasâ€“liquid slug flow using directed weighted complex network analysis. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 3005-3016.	1.2	29
52	A Graph-Temporal Fused Dual-Input Convolutional Neural Network for Detecting Sleep Stages from EEG Signals. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 777-781.	2.2	29
53	Nonlinear multi-scale dynamic stability of oilâ€“gasâ€“water three-phase flow in vertical upward pipe. Chemical Engineering Journal, 2016, 302, 595-608.	6.6	28
54	Recurrence network analysis of experimental signals from bubbly oil-in-water flows. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 457-462.	0.9	26

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55	Time-dependent limited penetrable visibility graph analysis of nonstationary time series. Physica A: Statistical Mechanics and Its Applications, 2017, 476, 43-48.	1.2	25
56	A Deep Learning Method for Improving the Classification Accuracy of SSMVEP-Based BCI. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3447-3451.	2.2	25
57	Multivariate multiscale entropy analysis of horizontal oilâ€“water two-phase flow. Physica A: Statistical Mechanics and Its Applications, 2015, 417, 7-17.	1.2	23
58	Visibility graph analysis for re-sampled time series from auto-regressive stochastic processes. Communications in Nonlinear Science and Numerical Simulation, 2017, 42, 396-403.	1.7	21
59	A WPCA-Based Method for Detecting Fatigue Driving From EEG-Based Internet of Vehicles System. IEEE Access, 2019, 7, 124702-124711.	2.6	21
60	Rhythm-Dependent Multilayer Brain Network for the Detection of Driving Fatigue. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 693-700.	3.9	20
61	Core-Brain-Network-Based Multilayer Convolutional Neural Network for Emotion Recognition. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	2.4	20
62	Multivariate weighted recurrence network inference for uncovering oil-water transitional flow behavior in a vertical pipe. Chaos, 2016, 26, 063117.	1.0	19
63	A Transformer based neural network for emotion recognition and visualizations of crucial EEG channels. Physica A: Statistical Mechanics and Its Applications, 2022, 603, 127700.	1.2	19
64	Multi-Scale Permutation Entropy: A Complexity Measure for Discriminating Two-Phase Flow Dynamics. Chinese Physics Letters, 2013, 30, 090501.	1.3	18
65	Multivariate multiscale complex network analysis of vertical upward oil-water two-phase flow in a small diameter pipe. Scientific Reports, 2016, 6, 20052.	1.6	18
66	Multilayer brain network combined with deep convolutional neural network for detecting major depressive disorder. Nonlinear Dynamics, 2020, 102, 667-677.	2.7	17
67	A novel complex network-based deep learning method for characterizing gasâ€“liquid two-phase flow. Petroleum Science, 2021, 18, 259-268.	2.4	17
68	Phase characterization of experimental gasâ€“liquid two-phase flows. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 4014-4017.	0.9	15
69	Scaling analysis of phase fluctuations in experimental three-phase flows. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 3541-3550.	1.2	15
70	Dataâ€driven control based on simultaneous perturbation stochastic approximation with adaptive weighted gradient estimation. IET Control Theory and Applications, 2016, 10, 201-209.	1.2	15
71	Decentralized Neurocontroller Design With Critic Learning for Nonlinear-Interconnected Systems. IEEE Transactions on Cybernetics, 2022, 52, 11672-11685.	6.2	15
72	A CNN identified by reinforcement learning-based optimization framework for EEG-based state evaluation. Journal of Neural Engineering, 2021, 18, 046059.	1.8	15

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73	Multiattention Adaptation Network for Motor Imagery Recognition. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5127-5139.	5.9	15
74	Characterization of SSMVEP-based EEG signals using multiplex limited penetrable horizontal visibility graph. Chaos, 2019, 29, 073119.	1.0	14
75	Attention-Based Parallel Multiscale Convolutional Neural Network for Visual Evoked Potentials EEG Classification. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2887-2894.	3.9	14
76	Seizure prediction in scalp EEG based channel attention dual-input convolutional neural network. Physica A: Statistical Mechanics and Its Applications, 2021, 584, 126376.	1.2	14
77	Multivariate weighted recurrence network analysis of EEG signals from ERP-based smart home system. Chaos, 2018, 28, 085713.	1.0	13
78	Three-dimensional regional oceanic element field reconstruction with multiple underwater gliders in the Northern South China Sea. Applied Ocean Research, 2020, 105, 102405.	1.8	13
79	Multitask-Based Temporal-Channelwise CNN for Parameter Prediction of Two-Phase Flows. IEEE Transactions on Industrial Informatics, 2021, 17, 6329-6336.	7.2	13
80	The Finite Element Analysis for Parallel-wire Capacitance Probe in Small Diameter Two-phase Flow Pipe. Chinese Journal of Chemical Engineering, 2013, 21, 813-819.	1.7	12
81	Reconstructing multi-mode networks from multivariate time series. Europhysics Letters, 2017, 119, 50008.	0.7	12
82	A novel time-frequency multilayer network for multivariate time series analysis. New Journal of Physics, 2018, 20, 125005.	1.2	12
83	An ADDHP-based Q-learning algorithm for optimal tracking control of linear discrete-time systems with unknown dynamics. Applied Soft Computing Journal, 2019, 82, 105593.	4.1	12
84	Event-driven <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1238" altimg="si296.svg"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>â^ž</mml:mi></mml:mrow><mml:mrow><mml:mi></mml:mi></mml:mrow></mml:msub></mml:math> control with critic learning for nonlinear systems. Neural Networks, 2020, 132, 30-42.	3.3	12
85	Markov transition probability-based network from time series for characterizing experimental two-phase flow. Chinese Physics B, 2013, 22, 050507.	0.7	11
86	Complex networks from experimental horizontal oilâ€“water flows: Community structure detection versus flow pattern discrimination. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 790-797.	0.9	11
87	Disrupted Time-Dependent and Functional Connectivity Brain Network in Alzheimer's Disease: A Resting-State fMRI Study Based on Visibility Graph. Current Alzheimer Research, 2020, 17, 69-79.	0.7	11
88	VISIBILITY GRAPHS FROM EXPERIMENTAL THREE-PHASE FLOW FOR CHARACTERIZING DYNAMIC FLOW BEHAVIOR. International Journal of Modern Physics C, 2012, 23, 1250069.	0.8	10
89	Directed weighted network structure analysis of complex impedance measurements for characterizing oil-in-water bubbly flow. Chaos, 2017, 27, 035805.	1.0	10
90	Response Characteristics of Coaxial Capacitance Sensor for Horizontal Segregated and Non-Uniform Oil-Water Two-Phase Flows. IEEE Sensors Journal, 2017, 17, 359-368.	2.4	10

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91	A Multivariate Weighted Ordinal Pattern Transition Network for Characterizing Driver Fatigue Behavior from EEG Signals. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2020, 30, 2050118.	0.7	10
92	Multi-scale complexity entropy causality plane: An intrinsic measure for indicating two-phase flow structures. Chinese Physics B, 2014, 23, 120502.	0.7	9
93	SPSAâ€based dataâ€driven control strategy for load frequency control of power systems. IET Generation, Transmission and Distribution, 2018, 12, 414-422.	1.4	9
94	Complex Network Analysis of Wire-Mesh Sensor Measurements for Characterizing Vertical Gasâ€“Liquid Two-Phase Flows. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1134-1138.	2.2	9
95	Model-free adaptive nonlinear control of the absorption refrigeration system. Nonlinear Dynamics, 2022, 107, 1623-1635.	2.7	9
96	A gradient-based automatic optimization CNN framework for EEG state recognition. Journal of Neural Engineering, 2022, 19, 016009.	1.8	9
97	Multifractal analysis of inclined oil-water countercurrent flow. Petroleum Science, 2014, 11, 111-121.	2.4	8
98	Multilayer limited penetrable visibility graph for characterizing the gas-liquid flow behavior. Chemical Engineering Journal, 2021, 407, 127229.	6.6	8
99	MHLCNN: Multi-Harmonic Linkage CNN Model for SSVEP and SSMVEP Signal Classification. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 244-248.	2.2	8
100	A Multifrequency Brain Network-Based Deep Learning Framework for Motor Imagery Decoding. Neural Plasticity, 2020, 2020, 1-11.	1.0	8
101	DSCNN: Dilated Shuffle CNN Model for SSVEP Signal Classification. IEEE Sensors Journal, 2022, 22, 12036-12043.	2.4	8
102	Testing for Nonlinearity in Dynamic Characteristics of Vertical Upward Oil-Gas-Water Three-phase Bubble and Slug Flows. Chinese Journal of Chemical Engineering, 2012, 20, 870-882.	1.7	7
103	Characterization of flow pattern transitions for horizontal liquidâ€“liquid pipe flows by using multi-scale distribution entropy in coupled 3D phase space. Physica A: Statistical Mechanics and Its Applications, 2017, 469, 136-147.	1.2	7
104	Approximately Optimal Control of Discrete-Time Nonlinear Switched Systems Using Globalized Dual Heuristic Programming. Neural Processing Letters, 2020, 52, 1089-1108.	2.0	7
105	A multiplex visibility graph motifâ€based convolutional neural network for characterizing sleep stages using EEG signals. Brain Science Advances, 2020, 6, 355-363.	0.3	7
106	Studying Multi-Frequency Multilayer Brain Network via Deep Learning for EEG-Based Epilepsy Detection. IEEE Sensors Journal, 2021, 21, 27651-27658.	2.4	7
107	Multilayer Network-Based CNN Model for Emotion Recognition. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2022, 32, .	0.7	7
108	A Multiscale Feature Extraction Network Based on Channel-Spatial Attention for Electromyographic Signal Classification. IEEE Transactions on Cognitive and Developmental Systems, 2023, 15, 591-601.	2.6	7

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109	Uncovering dynamic behaviors underlying experimental oilâ€“water two-phase flow based on dynamic segmentation algorithm. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 1180-1187.	1.2	6
110	Complex network analysis of phase dynamics underlying oil-water two-phase flows. Scientific Reports, 2016, 6, 28151.	1.6	6
111	Wavelet multiresolution complex network for decoding brain fatigued behavior from P300 signals. Physica A: Statistical Mechanics and Its Applications, 2018, 506, 221-228.	1.2	6
112	A Wavelet Time-Frequency Representation Based Complex Network Method for Characterizing Brain Activities Underlying Motor Imagery Signals. IEEE Access, 2018, 6, 65796-65802.	2.6	6
113	COVID-19 Screening in Chest X-Ray Images Using Lung Region Priors. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 4119-4127.	3.9	6
114	Attractor comparison analysis for characterizing vertical upward oilâ€”gasâ€”water three-phase flow. Chinese Physics B, 2014, 23, 034702.	0.7	5
115	Multivariate weighted recurrent network for analyzing SSMVEP signals from EEG literate and illiterate. Europhysics Letters, 2019, 127, 40004.	0.7	5
116	A Deep Branch-Aggregation Network for Recognition of Gasâ€“Liquid Two-Phase Flow Structure. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	2.4	5
117	Multi-Scale Time Asymmetry for Detecting the Breakage of Slug Flow Structure. Chinese Physics Letters, 2014, 31, 120501.	1.3	4
118	PageRank versatility analysis of multilayer modality-based network for exploring the evolution of oil-water slug flow. Scientific Reports, 2017, 7, 5493.	1.6	4
119	Characterization of Two-Phase Flow Structure by Deep Learning-Based Super Resolution. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 782-786.	2.2	4
120	Convolutional neural network based on recurrence plot for EEG recognition. Chaos, 2021, 31, 123120.	1.0	4
121	Detecting community structure in complex networks based on K-means clustering and data field theory. , 2008, , .		3
122	Time-frequency analysis of vertical upward oil-water two phase flow. , 2012, , .		3
123	CHARACTERIZATION OF HORIZONTAL GASâ€“LIQUID TWO-PHASE FLOW USING MARKOV MODEL-BASED COMPLEX NETWORK. International Journal of Modern Physics C, 2013, 24, 1350028.	0.8	3
124	Complex network inference from P300 signals: Decoding brain state under visual stimulus for able-bodied and disabled subjects. Physica A: Statistical Mechanics and Its Applications, 2016, 460, 294-303.	1.2	3
125	Multilayer Network from Multiple Entropies for Characterizing Gas-Liquid Nonlinear Flow Behavior. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2020, 30, 2050014.	0.7	3
126	Complex Network Analysis of Experimental EEG Signals for Decoding Brain Cognitive State. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 531-535.	2.2	3

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127	Local Property of Recurrence Network for Investigating Gas-Liquid Two-Phase Flow Characteristics. Chinese Physics Letters, 2013, 30, 050501.	1.3	2
128	The Application of Auto-Disturbance Rejection Control Optimized by Least Squares Support Vector Machines Method and Time-Frequency Representation in Voltage Source Converter-High Voltage Direct Current System. PLoS ONE, 2015, 10, e0130135.	1.1	2
129	How to analytically characterize the epidemic threshold within the coupled diseaseâ€“behavior systems?. Physics of Life Reviews, 2015, 15, 32-34.	1.5	2
130	Modality transition-based network from multivariate time series for characterizing horizontal oilâ€“water flow patterns. International Journal of Modern Physics C, 2015, 26, 1550034.	0.8	2
131	Multivariate empirical mode decomposition and multiscale entropy analysis of EEG signals from SSVEP-based BCI system. Europhysics Letters, 2018, 122, 40010.	0.7	2
132	Functional alteration of brain network in schizophrenia: An fMRI study based on mutual information. Europhysics Letters, 2019, 128, 50005.	0.7	2
133	Stage-Wise Densely Connected Network for Parameter Measurement of Two-Phase Flows. IEEE Sensors Journal, 2021, 21, 18123-18131.	2.4	2
134	Multiscale permutation entropy analysis of oil-in-water type two-phase flow pattern. Wuli Xuebao/Acta Physica Sinica, 2012, 61, 230507.	0.2	2
135	Howling Detection and Suppression Based on Segmented Notch Filtering. Sensors, 2021, 21, 8062.	2.1	2
136	Identification of Flow Pattern in Two-Phase Flow Based on Complex Network Theory. , 2008, , .		1
137	Gas-liquid two phase flow pattern evolution characteristics based on detrended fluctuation analysis. Mapan - Journal of Metrology Society of India, 2011, 26, 255-265.	1.0	1
138	IEEE Access Special Section Editorial: Big Data Learning and Discovery. IEEE Access, 2021, 9, 158064-158073.	2.6	1
139	Strength distribution in complex network for analyzing experimental two-phase flow signals. , 2012, , .		0
140	Visibility graph analysis of fluid flow signals. , 2012, , .		0
141	Community Detection in Flow Pattern Complex Network. SpringerBriefs in Applied Sciences and Technology, 2014, , 25-34.	0.2	0
142	Recurrence Network for Characterizing Bubbly Oil-in-Water Flows. SpringerBriefs in Applied Sciences and Technology, 2014, , 95-102.	0.2	0
143	Gas-Water Fluid Structure Complex Network. SpringerBriefs in Applied Sciences and Technology, 2014, , 47-62.	0.2	0
144	Oil-Water Fluid Structure Complex Network. SpringerBriefs in Applied Sciences and Technology, 2014, , 63-71.	0.2	0

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145	Markov Transition Probability-Based Network for Characterizing Horizontal Gas-Liquid Two-Phase Flow. SpringerBriefs in Applied Sciences and Technology, 2014, , 85-93.	0.2	0
146	Advances in Time Series Analysis and Its Applications. Mathematical Problems in Engineering, 2016, 2016, 1-1.	0.6	0
147	Multiresolution Multiplex Network for Analyzing Multichannel Fluid Flow Signals. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2179-2183.	2.2	0
148	Temporal Complex Network Analysis. , 2019, , 287-300.		0
149	A Multifeatured Timeâ€“Frequency Neural Network System for Classifying sEMG. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4588-4592.	2.2	0