

Zhong-Ke Gao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

143
papers

3,358
citations

31
h-index

54
g-index

153
ext. papers

3,950
ext. citations

3.7
avg, IF

5.95
L-index

#	Paper	IF	Citations
143	Multilayer Network-Based CNN Model for Emotion Recognition. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2022 , 32,	2	4
142	A Multi-Scale Feature Extraction Network Based on Channel-Spatial Attention for Electromyographic Signal Classification. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2022 , 1-1	3	0
141	DSCNN: Dilated Shuffle CNN model for SSVEP signal classification. <i>IEEE Sensors Journal</i> , 2022 , 1-1	4	0
140	Convolutional neural network based on recurrence plot for EEG recognition.. <i>Chaos</i> , 2021 , 31, 123120	3.3	0
139	IEEE Access Special Section Editorial: Big Data Learning and Discovery. <i>IEEE Access</i> , 2021 , 9, 158064-158073	3.5	1
138	Studying multi-frequency multilayer brain network via deep learning for EEG-based epilepsy detection. <i>IEEE Sensors Journal</i> , 2021 , 1-1	4	2
137	Multiattention Adaptation Network for Motor Imagery Recognition. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-13	7.3	3
136	A CNN identified by reinforcement learning-based optimization framework for EEG-based state evaluation. <i>Journal of Neural Engineering</i> , 2021 , 18,	5	2
135	Multitask-Based Temporal-Channelwise CNN for Parameter Prediction of Two-Phase Flows. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 6329-6336	11.9	2
134	Rhythm-Dependent Multilayer Brain Network for the Detection of Driving Fatigue. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , 25, 693-700	7.2	5
133	Complex Network Analysis of Experimental EEG Signals for Decoding Brain Cognitive State. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 531-535	3.5	1
132	Multilayer limited penetrable visibility graph for characterizing the gas-liquid flow behavior. <i>Chemical Engineering Journal</i> , 2021 , 407, 127229	14.7	3
131	A Deep Branch-Aggregation Network for Recognition of Gas-Liquid Two-Phase Flow Structure. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-8	5.2	2
130	Characterization of Two-Phase Flow Structure by Deep Learning-Based Super Resolution. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 782-786	3.5	4
129	A novel complex network-based deep learning method for characterizing gas-liquid two-phase flow. <i>Petroleum Science</i> , 2021 , 18, 259-268	4.4	7
128	A Graph-Temporal Fused Dual-Input Convolutional Neural Network for Detecting Sleep Stages from EEG Signals. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 777-781	3.5	9
127	Complex networks and deep learning for EEG signal analysis. <i>Cognitive Neurodynamics</i> , 2021 , 15, 369-388	4.2	25

126	Dynamic Joint Domain Adaptation Network for Motor Imagery Classification. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021 , 29, 556-565	4.8	7
125	Core-Brain-Network-Based Multilayer Convolutional Neural Network for Emotion Recognition. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-9	5.2	7
124	Decentralized Neurocontroller Design With Critic Learning for Nonlinear-Interconnected Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	4
123	COVID-19 Screening in Chest X-Ray Images Using Lung Region Priors. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , 25, 4119-4127	7.2	1
122	MHLCNN: Multi-harmonic linkage CNN model for SSVEP and SSMVEP signal classification. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	4
121	Stage-Wise Densely Connected Network for Parameter Measurement of Two-Phase Flows. <i>IEEE Sensors Journal</i> , 2021 , 21, 18123-18131	4	1
120	Attention-Based Parallel Multiscale Convolutional Neural Network for Visual Evoked Potentials EEG Classification. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , 25, 2887-2894	7.2	7
119	Seizure prediction in scalp EEG based channel attention dual-input convolutional neural network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021 , 584, 126376	3.3	2
118	Multilayer brain network combined with deep convolutional neural network for detecting major depressive disorder. <i>Nonlinear Dynamics</i> , 2020 , 102, 667-677	5	6
117	Multilayer Network from Multiple Entropies for Characterizing Gas-Liquid Nonlinear Flow Behavior. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020 , 30, 2050014	2	2
116	Multiresolution Multiplex Network for Analyzing Multichannel Fluid Flow Signals. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 2179-2183	3.5	
115	A Deep Learning Method for Improving the Classification Accuracy of SSMVEP-Based BCI. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 3447-3451	3.5	18
114	A Channel-fused Dense Convolutional Network for EEG-based Emotion Recognition. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2020 , 1-1	3	27
113	Classification of EEG Signals on VEP-Based BCI Systems With Broad Learning. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-9	7.3	15
112	A Multifrequency Brain Network-Based Deep Learning Framework for Motor Imagery Decoding. <i>Neural Plasticity</i> , 2020 , 2020, 8863223	3.3	3
111	Disrupted Time-Dependent and Functional Connectivity Brain Network in Alzheimer's Disease: A Resting-State fMRI Study Based on Visibility Graph. <i>Current Alzheimer Research</i> , 2020 , 17, 69-79	3	3
110	A multiplex visibility graph motif-based convolutional neural network for characterizing sleep stages using EEG signals. <i>Brain Science Advances</i> , 2020 , 6, 355-363	2	3
109	A GPSO-optimized convolutional neural networks for EEG-based emotion recognition. <i>Neurocomputing</i> , 2020 , 380, 225-235	5.4	30

108	A Coincidence-Filtering-Based Approach for CNNs in EEG-Based Recognition. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 7159-7167	11.9	18
107	A Multivariate Weighted Ordinal Pattern Transition Network for Characterizing Driver Fatigue Behavior from EEG Signals. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020 , 30, 2050118	2	5
106	Event-driven H control with critic learning for nonlinear systems. <i>Neural Networks</i> , 2020 , 132, 30-42	9.1	4
105	Approximately Optimal Control of Discrete-Time Nonlinear Switched Systems Using Globalized Dual Heuristic Programming. <i>Neural Processing Letters</i> , 2020 , 52, 1089-1108	2.4	4
104	Three-dimensional regional oceanic element field reconstruction with multiple underwater gliders in the Northern South China Sea. <i>Applied Ocean Research</i> , 2020 , 105, 102405	3.4	4
103	ADP-Based Robust Tracking Control for a Class of Nonlinear Systems With Unmatched Uncertainties. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4056-4067	7.3	16
102	A novel convolutional neural network framework based solar irradiance prediction method. <i>International Journal of Electrical Power and Energy Systems</i> , 2020 , 114, 105411	5.1	60
101	Complex Network Analysis of Wire-Mesh Sensor Measurements for Characterizing Vertical Gas-Liquid Two-Phase Flows. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 1134-1138	3.5	6
100	. <i>IEEE Access</i> , 2019 , 7, 124702-124711	3.5	12
99	Q-learning solution for optimal consensus control of discrete-time multiagent systems using reinforcement learning. <i>Journal of the Franklin Institute</i> , 2019 , 356, 6946-6967	4	18
98	A Novel Deep Learning Framework for Industrial Multiphase Flow Characterization. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 5954-5962	11.9	30
97	Characterization of SSMVEP-based EEG signals using multiplex limited penetrable horizontal visibility graph. <i>Chaos</i> , 2019 , 29, 073119	3.3	9
96	An ADDHP-based Q-learning algorithm for optimal tracking control of linear discrete-time systems with unknown dynamics. <i>Applied Soft Computing Journal</i> , 2019 , 82, 105593	7.5	6
95	Multivariate weighted recurrent network for analyzing SSMVEP signals from EEG literate and illiterate. <i>Europhysics Letters</i> , 2019 , 127, 40004	1.6	3
94	Temporal Complex Network Analysis 2019 , 287-300		
93	Functional alteration of brain network in schizophrenia: An fMRI study based on mutual information. <i>Europhysics Letters</i> , 2019 , 128, 50005	1.6	0
92	A recurrence network-based convolutional neural network for fatigue driving detection from EEG. <i>Chaos</i> , 2019 , 29, 113126	3.3	23
91	A Complex Network-Based Broad Learning System for Detecting Driver Fatigue From EEG Signals. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-9	7.3	21

90	EEG-Based Spatio-Temporal Convolutional Neural Network for Driver Fatigue Evaluation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 2755-2763	10.3	141
89	Multiplex Limited Penetrable Horizontal Visibility Graph from EEG Signals for Driver Fatigue Detection. <i>International Journal of Neural Systems</i> , 2019 , 29, 1850057	6.2	20
88	Relative Wavelet Entropy Complex Network for Improving EEG-Based Fatigue Driving Classification. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019 , 68, 2491-2497	5.2	35
87	Wavelet multiresolution complex network for decoding brain fatigued behavior from P300 signals. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 506, 221-228	3.3	5
86	A Novel Multiplex Network-Based Sensor Information Fusion Model and Its Application to Industrial Multiphase Flow System. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 3982-3988	11.9	61
85	An adaptive optimal-Kernel time-frequency representation-based complex network method for characterizing fatigued behavior using the SSVEP-based BCI system. <i>Knowledge-Based Systems</i> , 2018 , 152, 163-171	7.3	45
84	SPSA-based data-driven control strategy for load frequency control of power systems. <i>IET Generation, Transmission and Distribution</i> , 2018 , 12, 414-422	2.5	5
83	Multivariate empirical mode decomposition and multiscale entropy analysis of EEG signals from SSVEP-based BCI system. <i>Europhysics Letters</i> , 2018 , 122, 40010	1.6	2
82	A novel time-frequency multilayer network for multivariate time series analysis. <i>New Journal of Physics</i> , 2018 , 20, 125005	2.9	9
81	A Wavelet Time-Frequency Representation Based Complex Network Method for Characterizing Brain Activities Underlying Motor Imagery Signals. <i>IEEE Access</i> , 2018 , 6, 65796-65802	3.5	3
80	A recurrence quantification analysis-based channel-frequency convolutional neural network for emotion recognition from EEG. <i>Chaos</i> , 2018 , 28, 085724	3.3	30
79	Multivariate weighted recurrence network analysis of EEG signals from ERP-based smart home system. <i>Chaos</i> , 2018 , 28, 085713	3.3	9
78	Visibility graph analysis for re-sampled time series from auto-regressive stochastic processes. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017 , 42, 396-403	3.7	15
77	Time-dependent limited penetrable visibility graph analysis of nonstationary time series. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017 , 476, 43-48	3.3	18
76	Multiplex multivariate recurrence network from multi-channel signals for revealing oil-water spatial flow behavior. <i>Chaos</i> , 2017 , 27, 035809	3.3	26
75	Multilayer Network from Multivariate Time Series for Characterizing Nonlinear Flow Behavior. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750059	2	36
74	Directed weighted network structure analysis of complex impedance measurements for characterizing oil-in-water bubbly flow. <i>Chaos</i> , 2017 , 27, 035805	3.3	10
73	Reconstructing multi-mode networks from multivariate time series. <i>Europhysics Letters</i> , 2017 , 119, 50008.6	3.6	9

72	PageRank versatility analysis of multilayer modality-based network for exploring the evolution of oil-water slug flow. <i>Scientific Reports</i> , 2017 , 7, 5493	4.9	4
71	Visibility Graph from Adaptive Optimal Kernel Time-Frequency Representation for Classification of Epileptiform EEG. <i>International Journal of Neural Systems</i> , 2017 , 27, 1750005	6.2	132
70	Response Characteristics of Coaxial Capacitance Sensor for Horizontal Segregated and Non-Uniform Oil-Water Two-Phase Flows. <i>IEEE Sensors Journal</i> , 2017 , 17, 359-368	4	9
69	Characterization of flow pattern transitions for horizontal liquid-liquid pipe flows by using multi-scale distribution entropy in coupled 3D phase space. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017 , 469, 136-147	3.3	7
68	Wavelet Multiresolution Complex Network for Analyzing Multivariate Nonlinear Time Series. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750123	2	55
67	Impact of Degree Heterogeneity on Attack Vulnerability of Interdependent Networks. <i>Scientific Reports</i> , 2016 , 6, 32983	4.9	30
66	Multivariate multiscale complex network analysis of vertical upward oil-water two-phase flow in a small diameter pipe. <i>Scientific Reports</i> , 2016 , 6, 20052	4.9	15
65	Complex network analysis of phase dynamics underlying oil-water two-phase flows. <i>Scientific Reports</i> , 2016 , 6, 28151	4.9	6
64	Nonlinear multi-scale dynamic stability of oil-gas-water three-phase flow in vertical upward pipe. <i>Chemical Engineering Journal</i> , 2016 , 302, 595-608	14.7	24
63	The measurement of local flow parameters for gas-liquid two-phase bubbly flows using a dual-sensor probe array. <i>Chemical Engineering Science</i> , 2016 , 144, 346-363	4.4	33
62	The measurement of gas-liquid two-phase flows in a small diameter pipe using a dual-sensor multi-electrode conductance probe. <i>Measurement Science and Technology</i> , 2016 , 27, 045101	2	31
61	Data-driven control based on simultaneous perturbation stochastic approximation with adaptive weighted gradient estimation. <i>IET Control Theory and Applications</i> , 2016 , 10, 201-209	2.5	11
60	Advances in Time Series Analysis and Its Applications. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-1	1.1	
59	Multivariate weighted recurrence network inference for uncovering oil-water transitional flow behavior in a vertical pipe. <i>Chaos</i> , 2016 , 26, 063117	3.3	16
58	Complex network analysis of time series. <i>Europhysics Letters</i> , 2016 , 116, 50001	1.6	182
57	Multiscale limited penetrable horizontal visibility graph for analyzing nonlinear time series. <i>Scientific Reports</i> , 2016 , 6, 35622	4.9	113
56	Characterizing slug to churn flow transition by using multivariate pseudo Wigner distribution and multivariate multiscale entropy. <i>Chemical Engineering Journal</i> , 2016 , 291, 74-81	14.7	58
55	Complex network inference from P300 signals: Decoding brain state under visual stimulus for able-bodied and disabled subjects. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016 , 460, 294-303	3.3	3

54	A Four-Sector Conductance Method for Measuring and Characterizing Low-Velocity Oil/Water Two-Phase Flows. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2016 , 65, 1690-1697	5.2	79
53	Multiscale complex network for analyzing experimental multivariate time series. <i>Europhysics Letters</i> , 2015 , 109, 30005	1.6	105
52	Multi-frequency complex network from time series for uncovering oil-water flow structure. <i>Scientific Reports</i> , 2015 , 5, 8222	4.9	102
51	Experimental flow pattern map, slippage and time-frequency representation of oil/water two-phase flow in horizontal small diameter pipes. <i>International Journal of Multiphase Flow</i> , 2015 , 76, 168-186	3.6	36
50	Multivariate multiscale entropy analysis of horizontal oil/water two-phase flow. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015 , 417, 7-17	3.3	19
49	Multivariate weighted complex network analysis for characterizing nonlinear dynamic behavior in two-phase flow. <i>Experimental Thermal and Fluid Science</i> , 2015 , 60, 157-164	3	161
48	The experimental signals analysis for bubbly oil-in-water flow using multi-scale weighted-permutation entropy. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015 , 417, 230-244	3.3	31
47	Complex networks from experimental horizontal oil/water flows: Community structure detection versus flow pattern discrimination. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015 , 379, 790-797	2.3	10
46	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. <i>PLoS ONE</i> , 2015 , 10, e0130135	3.7	2
45	How to analytically characterize the epidemic threshold within the coupled disease-behavior systems?: Comment on "Coupled disease-behavior dynamics on complex networks: A review" by Z. Wang et al. <i>Physics of Life Reviews</i> , 2015 , 15, 32-4	2.1	2
44	Spatial prisoner's dilemma games with increasing neighborhood size and individual diversity on two interdependent lattices. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015 , 379, 767-773	2.3	62
43	Liquid holdup measurement with double helix capacitance sensor in horizontal oil/water two-phase flow pipes. <i>Chinese Journal of Chemical Engineering</i> , 2015 , 23, 268-275	3.2	39
42	Modality transition-based network from multivariate time series for characterizing horizontal oil/water flow patterns. <i>International Journal of Modern Physics C</i> , 2015 , 26, 1550034	1.1	1
41	Multifractal analysis of inclined oil-water countercurrent flow. <i>Petroleum Science</i> , 2014 , 11, 111-121	4.4	7
40	Cross-correlation velocity measurement of horizontal oil/water two-phase flow by using parallel-wire capacitance probe. <i>Experimental Thermal and Fluid Science</i> , 2014 , 53, 277-289	3	36
39	Attractor comparison analysis for characterizing vertical upward oil/gas/water three-phase flow. <i>Chinese Physics B</i> , 2014 , 23, 034702	1.2	2
38	Community Detection in Flow Pattern Complex Network. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2014 , 25-34	0.4	
37	Recurrence Network for Characterizing Bubbly Oil-in-Water Flows. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2014 , 95-102	0.4	

36	Gas-Water Fluid Structure Complex Network. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2014 , 47-62	0.4	
35	Oil-Water Fluid Structure Complex Network. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2014 , 63-71	0.4	
34	Directed Weighted Complex Network for Characterizing Gas-Liquid Slug Flow. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2014 , 73-83	0.4	
33	Markov Transition Probability-Based Network for Characterizing Horizontal Gas-Liquid Two-Phase Flow. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2014 , 85-93	0.4	
32	Multi-scale complexity entropy causality plane: An intrinsic measure for indicating two-phase flow structures. <i>Chinese Physics B</i> , 2014 , 23, 120502	1.2	8
31	Multi-Scale Time Asymmetry for Detecting the Breakage of Slug Flow Structure. <i>Chinese Physics Letters</i> , 2014 , 31, 120501	1.8	4
30	Nonlinear Analysis of Gas-Water/Oil-Water Two-Phase Flow in Complex Networks. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2014 ,	0.4	2
29	Markov transition probability-based network from time series for characterizing experimental two-phase flow. <i>Chinese Physics B</i> , 2013 , 22, 050507	1.2	7
28	Multivariate recurrence network analysis for characterizing horizontal oil-water two-phase flow. <i>Physical Review E</i> , 2013 , 88, 032910	2.4	57
27	Uncovering dynamic behaviors underlying experimental oil-water two-phase flow based on dynamic segmentation algorithm. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013 , 392, 1180-1187	3.3	3
26	The Finite Element Analysis for Parallel-wire Capacitance Probe in Small Diameter Two-phase Flow Pipe. <i>Chinese Journal of Chemical Engineering</i> , 2013 , 21, 813-819	3.2	11
25	The ultrasonic measurement of high water volume fraction in dispersed oil-in-water flows. <i>Chemical Engineering Science</i> , 2013 , 94, 271-283	4.4	29
24	Recurrence network analysis of experimental signals from bubbly oil-in-water flows. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013 , 377, 457-462	2.3	24
23	Recurrence networks from multivariate signals for uncovering dynamic transitions of horizontal oil-water stratified flows. <i>Europhysics Letters</i> , 2013 , 103, 50004	1.6	70
22	Local Property of Recurrence Network for Investigating Gas-Liquid Two-Phase Flow Characteristics. <i>Chinese Physics Letters</i> , 2013 , 30, 050501	1.8	1
21	Multi-Scale Permutation Entropy: A Complexity Measure for Discriminating Two-Phase Flow Dynamics. <i>Chinese Physics Letters</i> , 2013 , 30, 090501	1.8	16
20	CHARACTERIZATION OF HORIZONTAL GAS-LIQUID TWO-PHASE FLOW USING MARKOV MODEL-BASED COMPLEX NETWORK. <i>International Journal of Modern Physics C</i> , 2013 , 24, 1350028	1.1	3
19	Flow pattern and water holdup measurements of vertical upward oil-water two-phase flow in small diameter pipes. <i>International Journal of Multiphase Flow</i> , 2012 , 41, 91-105	3.6	77

18	A directed weighted complex network for characterizing chaotic dynamics from time series. <i>Nonlinear Analysis: Real World Applications</i> , 2012 , 13, 947-952	2.1	114
17	Characterization of chaotic dynamic behavior in the gas-liquid slug flow using directed weighted complex network analysis. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012 , 391, 3005-3016	3.3	23
16	VISIBILITY GRAPHS FROM EXPERIMENTAL THREE-PHASE FLOW FOR CHARACTERIZING DYNAMIC FLOW BEHAVIOR. <i>International Journal of Modern Physics C</i> , 2012 , 23, 1250069	1.1	8
15	Analysis of total energy and time-frequency entropy of gas-liquid two-phase flow pattern. <i>Chemical Engineering Science</i> , 2012 , 82, 144-158	4.4	35
14	Testing for Nonlinearity in Dynamic Characteristics of Vertical Upward Oil-Gas-Water Three-phase Bubble and Slug Flows. <i>Chinese Journal of Chemical Engineering</i> , 2012 , 20, 870-882	3.2	7
13	Time-frequency analysis of vertical upward oil-water two phase flow 2012 ,		2
12	Multiscale permutation entropy analysis of oil-in-water type two-phase flow pattern. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2012 , 61, 230507	0.6	1
11	Scaling analysis of phase fluctuations in experimental three-phase flows. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2011 , 390, 3541-3550	3.3	14
10	Multi-scale cross entropy analysis for inclined oil-water two-phase countercurrent flow patterns. <i>Chemical Engineering Science</i> , 2011 , 66, 6099-6108	4.4	28
9	Gas-liquid two phase flow pattern evolution characteristics based on detrended fluctuation analysis. <i>Mapan - Journal of Metrology Society of India</i> , 2011 , 26, 255-265	1	1
8	Nonlinear characterization of oil-gas-water three-phase flow in complex networks. <i>Chemical Engineering Science</i> , 2011 , 66, 2660-2671	4.4	41
7	Motif distributions in phase-space networks for characterizing experimental two-phase flow patterns with chaotic features. <i>Physical Review E</i> , 2010 , 82, 016210	2.4	69
6	Phase characterization of experimental gas-liquid two-phase flows. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010 , 374, 4014-4017	2.3	14
5	Nonlinear dynamic analysis of large diameter inclined oil-water two phase flow pattern. <i>International Journal of Multiphase Flow</i> , 2010 , 36, 166-183	3.6	54
4	Nonlinear dynamical analysis of large diameter vertical upward oil-gas-water three-phase flow pattern characteristics. <i>Chemical Engineering Science</i> , 2010 , 65, 5226-5236	4.4	36
3	Complex network from time series based on phase space reconstruction. <i>Chaos</i> , 2009 , 19, 033137	3.3	124
2	Flow-pattern identification and nonlinear dynamics of gas-liquid two-phase flow in complex networks. <i>Physical Review E</i> , 2009 , 79, 066303	2.4	119
1	Model-free adaptive nonlinear control of the absorption refrigeration system. <i>Nonlinear Dynamics</i> , 2009 , 55, 1-11	5	1

