

Yonghua Wang

List of Publications by Year in descending order

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67
papers

1,103
citations

394421

19
h-index

477307

29
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67
all docs

67
docs citations

67
times ranked

1207
citing authors

#	ARTICLE	IF	CITATIONS
1	An improved deep learning approach for detection of thyroid papillary cancer in ultrasound images. <i>Scientific Reports</i> , 2018, 8, 6600.	3.3	96
2	A survey of dynamic spectrum allocation based on reinforcement learning algorithms in cognitive radio networks. <i>Artificial Intelligence Review</i> , 2019, 51, 493-506.	15.7	72
3	Systems pharmacology exploration of botanic drug pairs reveals the mechanism for treating different diseases. <i>Scientific Reports</i> , 2016, 6, 36985.	3.3	61
4	Cardioprotection against Ischemia/Reperfusion by Licochalcone B in Isolated Rat Hearts. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-11.	4.0	54
5	Systems pharmacology analysis of synergy of TCM: an example using saffron formula. <i>Scientific Reports</i> , 2018, 8, 380.	3.3	49
6	A New Strategy for Deleting Animal drugs from Traditional Chinese Medicines based on Modified Yimusake Formula. <i>Scientific Reports</i> , 2017, 7, 1504.	3.3	45
7	CancerHSP: anticancer herbs database of systems pharmacology. <i>Scientific Reports</i> , 2015, 5, 11481.	3.3	43
8	A Spectrum Sensing Method Based on Signal Feature and Clustering Algorithm in Cognitive Wireless Multimedia Sensor Networks. <i>Advances in Multimedia</i> , 2017, 2017, 1-10.	0.4	32
9	Systems pharmacology uncover the mechanism of anti-non-small cell lung cancer for <i>Hedyotis diffusa</i> Willd. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 969-984.	5.6	30
10	A reagentless enantioselective sensor for tryptophan enantiomers via nanohybrid matrices. <i>Analytical Methods</i> , 2013, 5, 4397.	2.7	25
11	A Novel Systems Pharmacology Method to Investigate Molecular Mechanisms of <i>Scutellaria barbata</i> D. Don for Non-small Cell Lung Cancer. <i>Frontiers in Pharmacology</i> , 2018, 9, 1473.	3.5	25
12	Clustering Algorithm-Based Data Fusion Scheme for Robust Cooperative Spectrum Sensing. <i>IEEE Access</i> , 2020, 8, 5777-5786.	4.2	24
13	Enantioselective recognition of penicillamine enantiomers on bovine serum albumin-modified glassy carbon electrode. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 627-633.	2.5	22
14	Leader-Following Mean-Square Consensus of Stochastic Multiagent Systems With ROUs and RONs via Distributed Event-Triggered Impulsive Control. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 1836-1849.	9.5	21
15	Enantioselective Recognition of Dopa Enantiomers in the Presence of Ascorbic Acid or Tyrosine. <i>Electroanalysis</i> , 2012, 24, 332-337.	2.9	20
16	Computational Study Exploring the Interaction Mechanism of Benzimidazole Derivatives as Potent Cattle Bovine Viral Diarrhea Virus Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 5941-5950.	5.2	20
17	Health risk analysis of atmospheric polycyclic aromatic hydrocarbons in big cities of China. <i>Ecotoxicology</i> , 2014, 23, 584-588.	2.4	19
18	Tunable optical analog to electromagnetically induced transparency in graphene-ring resonators system. <i>Scientific Reports</i> , 2016, 6, 38891.	3.3	19

#	ARTICLE	IF	CITATIONS
19	A Multi-Antenna Spectrum Sensing Scheme Based on Main Information Extraction and Genetic Algorithm Clustering. <i>IEEE Access</i> , 2019, 7, 119620-119630.	4.2	19
20	A cooperative spectrum sensing method based on information geometry and fuzzy c-means clustering algorithm. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2019, 2019, .	2.4	19
21	Nicotinamide induces mitochondrial-mediated apoptosis through oxidative stress in human cervical cancer HeLa cells. <i>Life Sciences</i> , 2017, 181, 62-69.	4.3	19
22	A new chiral electrochemical sensor for the enantioselective recognition of penicillamine enantiomers. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 2481-2485.	2.5	18
23	Chiral Recognition of Penicillamine Enantiomers Based on DNA-MWNT Complex Modified Electrode. <i>Electroanalysis</i> , 2012, 24, 1561-1566.	2.9	17
24	In silico-based screen synergistic drug combinations from herb medicines: a case using <i>Cistanche tubulosa</i> . <i>Scientific Reports</i> , 2017, 7, 16364.	3.3	17
25	Systems pharmacology reveals the multi-level synergetic mechanism of action of <i>Ginkgo biloba</i> L. leaves for cardiomyopathy treatment. <i>Journal of Ethnopharmacology</i> , 2021, 264, 113279.	4.1	17
26	A Spectrum Sensing Method Based on Empirical Mode Decomposition and K-Means Clustering Algorithm. <i>Wireless Communications and Mobile Computing</i> , 2018, 2018, 1-10.	1.2	15
27	Adaptive Elitist Genetic Algorithm With Improved Neighbor Routing Initialization for Electric Vehicle Routing Problems. <i>IEEE Access</i> , 2021, 9, 16661-16671.	4.2	15
28	Licorice extract inhibits growth of non-small cell lung cancer by down-regulating CDK4-Cyclin D1 complex and increasing CD8+ T cell infiltration. <i>Cancer Cell International</i> , 2021, 21, 529.	4.1	15
29	Spectrum Sensing Method Based on Information Geometry and Deep Neural Network. <i>Entropy</i> , 2020, 22, 94.	2.2	14
30	Intelligent Dynamic Spectrum Access Using Deep Reinforcement Learning for VANETs. <i>IEEE Sensors Journal</i> , 2021, 21, 15554-15563.	4.7	14
31	Chiral recognition of penicillamine enantiomers based on a vancomycin membrane electrode. <i>Analytical Methods</i> , 2013, 5, 5579.	2.7	12
32	Riemannian Distance-Based Fast K-Medoids Clustering Algorithm for Cooperative Spectrum Sensing. <i>IEEE Systems Journal</i> , 2022, 16, 880-890.	4.6	12
33	Riemannian Mean Shift-Based Data Fusion Scheme for Multi-Antenna Cooperative Spectrum Sensing. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2022, 8, 47-56.	7.9	12
34	A cooperative spectrum sensing method based on signal decomposition and K-medoids algorithm. <i>International Journal of Sensor Networks</i> , 2019, 29, 171.	0.4	11
35	Two-Layer Distributed Content Caching for Infotainment Applications in VANETs. <i>IEEE Internet of Things Journal</i> , 2022, 9, 1696-1711.	8.7	11
36	Systems pharmacology unravels the synergic target space and therapeutic potential of <i>Rhodiola rosea</i> L. for non-small cell lung cancer. <i>Phytomedicine</i> , 2020, 79, 153326.	5.3	11

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37	A Cooperative Spectrum Sensing Method Based on Empirical Mode Decomposition and Information Geometry in Complex Electromagnetic Environment. <i>Complexity</i> , 2019, 2019, 1-13.	1.6	10
38	Multiple-Antenna Cooperative Spectrum Sensing Based on the Wavelet Transform and Gaussian Mixture Model. <i>Sensors</i> , 2019, 19, 3863.	3.8	10
39	Stereospecific redox reaction of ascorbic acid and isoascorbic acid based on chiral electropolymerized films. <i>Analytical Methods</i> , 2011, 3, 2740.	2.7	9
40	Research on Cognitive Radio Spectrum Sensing Method Based on Information Geometry. <i>Lecture Notes in Computer Science</i> , 2017, , 554-564.	1.3	9
41	A Cooperative Spectrum Sensing Method Based on a Feature and Clustering Algorithm. , 2018, , .		9
42	Adaptive Dropout Method Based on Biological Principles. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 4267-4276.	11.3	9
43	Stereoselective interaction between hemoglobin and penicillamine enantiomers modified chiral surfaces. <i>Analytical Methods</i> , 2013, 5, 1312.	2.7	8
44	Centralized spectrum sensing based on covariance matrix decomposition and particle swarm clustering. <i>Physical Communication</i> , 2021, 46, 101322.	2.1	8
45	Information Geometry-Based Fuzzy-C Means Algorithm for Cooperative Spectrum Sensing. <i>IEEE Access</i> , 2020, 8, 155742-155752.	4.2	7
46	A Novel Clustering Algorithm Based on Information Geometry for Cooperative Spectrum Sensing. <i>IEEE Systems Journal</i> , 2021, 15, 3121-3130.	4.6	6
47	Predicting the herbal medicine triggering innate anti-tumor immunity from a system pharmacology perspective. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112105.	5.6	6
48	Systems pharmacology to reveal multi-scale mechanisms of traditional Chinese medicine for gastric cancer. <i>Scientific Reports</i> , 2021, 11, 22149.	3.3	6
49	An Efficient Impulsive Adaptive Dynamic Programming Algorithm for Stochastic Systems. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 5545-5559.	9.5	6
50	Centella asiatica (L.) Urb. attenuates cardiac hypertrophy and improves heart function through multi-level mechanisms revealed by systems pharmacology. <i>Journal of Ethnopharmacology</i> , 2022, 291, 115106.	4.1	6
51	Selective response of antigen-antibody reactions on chiral surfaces modified with 1,2-diphenylethylenediamine enantiomers. <i>Surface and Interface Analysis</i> , 2012, 44, 170-174.	1.8	5
52	ResCaps: an improved capsule network and its application in ultrasonic image classification of thyroid papillary carcinoma. <i>Complex & Intelligent Systems</i> , 0, , 1.	6.5	5
53	Dueling deep Q-networks for social awareness-aided spectrum sharing. <i>Complex & Intelligent Systems</i> , 2022, 8, 1975-1986.	6.5	5
54	Systems pharmacology: a combination strategy for improving efficacy of PD-1/PD-L1 blockade. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	5

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55	A Cooperative Spectrum Sensing Method Based on Clustering Algorithm and Signal Feature. Lecture Notes in Computer Science, 2018, , 50-62.	1.3	5
56	Unraveling the mechanism of alkaloids from Sophora alopecuroides Linn combined with immune checkpoint blockade in the treatment of non-small cell lung cancer based on systems pharmacology. Bioorganic and Medicinal Chemistry, 2022, 64, 116724.	3.0	5
57	Optical Analog to Electromagnetically Induced Transparency in Cascaded Ring-Resonator Systems. Sensors, 2016, 16, 1165.	3.8	4
58	Joint Channel Allocation and Power Control Based on Long Short-Term Memory Deep Q Network in Cognitive Radio Networks. Complexity, 2020, 2020, 1-11.	1.6	4
59	A Spectrum Sensing Method Based on Null Space Pursuit Algorithm and FCM Clustering Algorithm. Lecture Notes in Computer Science, 2018, , 231-242.	1.3	3
60	An Improved Optimal Linear Weighted Cooperative Spectrum Sensing Algorithm for Cognitive Radio Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 951205.	2.2	2
61	A cooperative spectrum sensing method based on signal decomposition and K-medoids algorithm. International Journal of Sensor Networks, 2019, 29, 171.	0.4	2
62	Synergistic Effect of Network-Based Multicomponent Drugs: An Investigation on the Treatment of Non-Small-Cell Lung Cancer with Compound Liuju Formula. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-15.	1.2	1
63	Blind Spectrum Sensing Based on the Statistical Covariance Matrix and K-Median Clustering Algorithm. Lecture Notes in Computer Science, 2020, , 467-478.	1.3	1
64	Quadratic covariance matrix-based cooperative spectrum sensing method by using an evolutionary algorithm. Physical Communication, 2022, 50, 101508.	2.1	1
65	A Novel Method Based on Random Matrix Theory and Mean Shift Clustering for Spectrum Sensing. Communications in Computer and Information Science, 2021, , 223-234.	0.5	1
66	Induced-transparency in silicon-on-insulator based novel resonator systems. , 2013, , .		0
67	Joint optimization scheme for intelligent reflecting surface aided multi-relay networks. IET Communications, 0, , .	2.2	0