

# Ren Chu Guan

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5823586/ren-chu-guan-publications-by-citations.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48 papers	940 citations	18 h-index	29 g-index
68 ext. papers	1,269 ext. citations	4.4 avg, IF	4.57 L-index

#	Paper	IF	Citations
48	Text classification based on deep belief network and softmax regression. <i>Neural Computing and Applications</i> , <b>2018</b> , 29, 61-70	4.8	137
47	A content-based recommender system for computer science publications. <i>Knowledge-Based Systems</i> , <b>2018</b> , 157, 1-9	7.3	127
46	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2011</b> , 23, 627-637	4.2	60
45	Multi-BP expert system for fault diagnosis of powersystem. <i>Engineering Applications of Artificial Intelligence</i> , <b>2013</b> , 26, 937-944	7.2	50
44	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2010</b> , 48, 2647-2659	8.1	41
43	A Fuzzy-Statistics-Based Principal Component Analysis (FS-PCA) Method for Multispectral Image Enhancement and Display. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2008</b> , 46, 3937-3947	8.1	31
42	Lunar impact crater identification and age estimation with ChangE data by deep and transfer learning. <i>Nature Communications</i> , <b>2020</b> , 11, 6358	17.4	30
41	A Hybrid Swarm Intelligent Method Based on Genetic Algorithm and Artificial Bee Colony. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 558-565	0.9	29
40	Superpixel-Based Unsupervised Band Selection for Classification of Hyperspectral Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2018</b> , 56, 7230-7245	8.1	28
39	An Efficient Fault Diagnostic Method for Three-Phase Induction Motors Based on Incremental Broad Learning and Non-Negative Matrix Factorization. <i>IEEE Access</i> , <b>2019</b> , 7, 17780-17790	3.5	25
38	A Feature-Metric-Based Affinity Propagation Technique for Feature Selection in Hyperspectral Image Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2013</b> , 10, 1152-1156	4.1	25
37	A comparative study for biomedical named entity recognition. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2018</b> , 9, 373-382	3.8	24
36	An integrated algorithm based on artificial bee colony and particle swarm optimization <b>2010</b> ,		23
35	The Deep Learning-Based Recommender System "Pubmender" for Choosing a Biomedical Publication Venue: Development and Validation Study. <i>Journal of Medical Internet Research</i> , <b>2019</b> , 21, e12957	7.6	23
34	Incremental and Decremental Affinity Propagation for Semisupervised Clustering in Multispectral Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2013</b> , 51, 1666-1679	8.1	22
33	HetPathMine: A Novel Transductive Classification Algorithm on Heterogeneous Information Networks. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 210-221	0.9	22
32	Hyperspectral Band Selection for Lithologic Discrimination and Geological Mapping. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2020</b> , 13, 471-486	4.7	20

31	Discriminative Feature Metric Learning in the Affinity Propagation Model for Band Selection in Hyperspectral Images. <i>Remote Sensing</i> , <b>2017</b> , 9, 782	5	18
30	Dimension Reduction and Clustering Models for Single-Cell RNA Sequencing Data: A Comparative Study. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	18
29	Deep Feature-Based Text Clustering and Its Explanation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2020</b> , 1-1	4.2	17
28	Relation path embedding in knowledge graphs. <i>Neural Computing and Applications</i> , <b>2019</b> , 31, 5629-5639	4.8	13
27	Genomic analyses based on pulmonary adenocarcinoma in situ reveal early lung cancer signature. <i>BMC Medical Genomics</i> , <b>2018</b> , 11, 106	3.7	13
26	A Distributed Multiple Populations Framework for Evolutionary Algorithm in Solving Dynamic Optimization Problems. <i>IEEE Access</i> , <b>2019</b> , 7, 44372-44390	3.5	12
25	Multi-label Deep Learning for Gene Function Annotation in Cancer Pathways. <i>Scientific Reports</i> , <b>2018</b> , 8, 267	4.9	11
24	Image Captioning with Bidirectional Semantic Attention-Based Guiding of Long Short-Term Memory.. <i>Neural Processing Letters</i> , <b>2019</b> , 50, 103-119	2.4	11
23	Deep Residual Convolutional Neural Network for Protein-Protein Interaction Extraction. <i>IEEE Access</i> , <b>2019</b> , 7, 89354-89365	3.5	10
22	Overfitting Reduction of Text Classification Based on AdaBELM. <i>Entropy</i> , <b>2017</b> , 19, 330	2.8	10
21	. <i>IEEE Access</i> , <b>2019</b> , 7, 96732-96742	3.5	8
20	Trends in Alzheimer's Disease Research Based upon Machine Learning Analysis of PubMed Abstracts. <i>International Journal of Biological Sciences</i> , <b>2019</b> , 15, 2065-2074	11.2	8
19	MISC: missing imputation for single-cell RNA sequencing data. <i>BMC Systems Biology</i> , <b>2018</b> , 12, 114	3.5	8
18	Spectral-Spatial Genetic Algorithm-Based Unsupervised Band Selection for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-17	8.1	8
17	Transcription Factor and lncRNA Regulatory Networks Identify Key Elements in Lung Adenocarcinoma. <i>Genes</i> , <b>2018</b> , 9,	4.2	7
16	Toward the precision breast cancer survival prediction utilizing combined whole genome-wide expression and somatic mutation analysis. <i>BMC Medical Genomics</i> , <b>2018</b> , 11, 104	3.7	7
15	An incremental affinity propagation algorithm and its applications for text clustering <b>2009</b> ,		6
14	Full text clustering and relationship network analysis of biomedical publications. <i>PLoS ONE</i> , <b>2014</b> , 9, e108847	3.7	6

13	Decorrelation Separability-Based Affinity Propagation for Semisupervised Clustering of Hyperspectral Images. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2016</b> , 9, 568-582	4.7	5
12	Feature space learning model. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2019</b> , 10, 2029-2040	3.7	4
11	A Knowledge Base Completion Model Based on Path Feature Learning. <i>International Journal of Computers, Communications and Control</i> , <b>2018</b> , 13, 71	3.6	4
10	A hotspots analysis-relation discovery representation model for revealing diabetes mellitus and obesity. <i>BMC Systems Biology</i> , <b>2018</b> , 12, 116	3.5	4
9	<b>2017</b> ,		2
8	Relation discovery and hotspots analysis on diabetes mellitus and obesity with representation model <b>2017</b> ,		1
7	<b>2017</b> ,		1
6	Improving activated sludge classification based on imbalanced data. <i>Journal of Hydroinformatics</i> , <b>2014</b> , 16, 1331-1342	2.6	1
5	Tri-mean-based statistical differential gene expression detection. <i>International Journal of Data Mining and Bioinformatics</i> , <b>2012</b> , 6, 255-71	0.5	1
4	Superpixel-level Global and Local Similarity Graph-based Clustering for Large Hyperspectral Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-1	8.1	1
3	Cancer Research Trend Analysis Based on Fusion Feature Representation. <i>Entropy</i> , <b>2021</b> , 23,	2.8	1
2	International Natural Gas Price Trends Prediction with Historical Prices and Related News. <i>Energies</i> , <b>2022</b> , 15, 3573	3.1	1
1	A Hybrid Algorithm of Extreme Learning Machine and Sparse Auto-Encoder. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 194-204	0.9	