Fu Lee Wang

List of Publications by Year
in descending order

168 papers	1,858 citations	257450 24 h-index	361022 35 g-index
180 all docs	180 docs citations	180 times ranked	1412 citing authors

#	Article	IF	Citations
1	Lexicon-Based Sentiment Convolutional Neural Networks for Online Review Analysis. IEEE Transactions on Affective Computing, 2022, 13, 1337-1348.	8.3	30
2	Nonlocal Low-Rank Point Cloud Denoising for 3-D Measurement Surfaces. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	4.7	5
3	Parallel Non-negative Matrix Tri-Factorization for Text Data Co-clustering. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	5.7	4
4	Multimodal Fusion Network With Contrary Latent Topic Memory for Rumor Detection. IEEE MultiMedia, 2022, 29, 104-113.	1.7	5
5	Machine and cognitive intelligence for human health: systematic review. Brain Informatics, 2022, 9, 5.	3.0	15
6	Context reinforced neural topic modeling over short texts. Information Sciences, 2022, 607, 79-91.	6.9	7
7	Three-dimensional surface mesh optimization and centerline extraction of vasculatures for endovascular intervention simulation. Journal of Electronic Imaging, 2022, 31, .	0.9	2
8	Stochastic Sensitivity Tree Boosting for Imbalanced Prediction Problems of Protein-Ligand Interaction Sites. IEEE Transactions on Emerging Topics in Computational Intelligence, 2021, 5, 373-383.	4.9	1
9	A bibliometric and visual analysis of artificial intelligence technologies-enhanced brain MRI research. Multimedia Tools and Applications, 2021, 80, 17335-17363.	3.9	9
10	A comparative study on linguistic theories for modeling EFL learners: facilitating personalized vocabulary learning via task recommendations. Interactive Learning Environments, 2021, 29, 270-282.	6.4	9
11	Fast Supervised Topic Models for Short Text Emotion Detection. IEEE Transactions on Cybernetics, 2021, 51, 815-828.	9.5	26
12	Peer-Assessment Enhanced Collaborative Learning in a Virtual Learning Environment. Lecture Notes in Computer Science, 2021, , 132-141.	1.3	1
13	Past, present, and future of smart learning: a topic-based bibliometric analysis. International Journal of Educational Technology in Higher Education, 2021, 18, .	7.6	66
14	Top-N personalized recommendation with graph neural networks in MOOCs. Computers and Education Artificial Intelligence, 2021, 2, 100010.	10.8	25
15	Cascaded Normal Filtering Neural Network for Geometry-Aware Mesh Denoising of Measurement Surfaces. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	4
16	An Assessment Framework for Online Active Learning Performance. Lecture Notes in Computer Science, 2021, , 338-350.	1.3	1
17	Pronunciation-Enhanced Chinese Word Embedding. Cognitive Computation, 2021, 13, 688.	5.2	6
18	Digital game-based learning of information literacy: Effects of gameplay modes on university students' learning performance, motivation, self-efficacy and flow experiences. Australasian Journal of Educational Technology, 2021, 37, 152-170.	3.5	28

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19	Target languages, types of activities, engagement, and effectiveness of extramural language learning. PLoS ONE, 2021, 16, e0253431.	2.5	15
20	Multimodal Fusion Network with Latent Topic Memory for Rumor Detection. , 2021, , .		7
21	A constrained optimization approach for cross-domain emotion distribution learning. Knowledge-Based Systems, 2021, 227, 107160.	7.1	7
22	Sentiment Lossless Summarization. Knowledge-Based Systems, 2021, 227, 107170.	7.1	9
23	TACN: A Topical Adversarial Capsule Network for textual network embedding. Neural Networks, 2021, 144, 766-777.	5.9	2
24	A Comparative Review of Mobile and Non-Mobile Games for Language Learning. SAGE Open, 2021, 11, 215824402110672.	1.7	8
25	Privacy-preserving shared collaborative web services QoS prediction. Journal of Intelligent Information Systems, 2020, 54, 205-224.	3.9	4
26	How to facilitate self-regulated learning? A case study on open educational resources. Journal of Computers in Education, 2020, 7, 51-77.	8.3	17
27	Normalâ€Based Basâ€Relief Modelling via Nearâ€Lighting Photometric Stereo. Computer Graphics Forum, 2020, 39, 204-219.	3.0	6
28	Joint weighted least squares for normal decomposition of 3D measurement surface. Measurement Science and Technology, 2020, 31, 045401.	2.6	0
29	Extractive convolutional adversarial networks for network embedding. World Wide Web, 2020, 23, 1925-1944.	4.0	3
30	User group based emotion detection and topic discovery over short text. World Wide Web, 2020, 23, 1553-1587.	4.0	19
31	Investigating the effectiveness of vocabulary learning tasks from the perspective of the technique feature analysis: the effects of pictorial annotations. International Journal of Innovation and Learning, 2020, 27, 254.	0.4	0
32	Peer assessment of peer assessment plan: a deep learning approach of teacher assessment literacy. International Journal of Innovation and Learning, 2020, 27, 450.	0.4	1
33	Geometry and Learning Co-Supported Normal Estimation for Unstructured Point Cloud. , 2020, , .		19
34	Attention-Based CNN for Personalized Course Recommendations for MOOC Learners. , 2020, , .		10
35	Aggregating neighborhood information for negative sampling for knowledge graph embedding. Neural Computing and Applications, 2020, 32, 17637-17653.	5.6	6
36	Sentiment strength detection with a context-dependent lexicon-based convolutional neural network. Information Sciences, 2020, 520, 389-399.	6.9	38

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37	Trends and Features of the Applications of Natural Language Processing Techniques for Clinical Trials Text Analysis. Applied Sciences (Switzerland), 2020, 10, 2157.	2.5	30
38	Flipped learning with Wikipedia in higher education. Studies in Higher Education, 2020, 45, 1026-1045.	4.5	22
39	Smart Learning Environments: A Bibliometric Analysis. Lecture Notes in Computer Science, 2020, , 353-364.	1.3	2
40	Frame-level Bit Allocation Optimization Based on<?brk?> Video Content Characteristics for HEVC. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-20.	4.3	21
41	Core Research Topics of Studies on Personalized Feedback in the Past Four Decades. Lecture Notes in Computer Science, 2020, , 121-130.	1.3	0
42	Joint Learning of Multiple Differential Networks With Latent Variables. IEEE Transactions on Cybernetics, 2019, 49, 3494-3506.	9.5	10
43	On Hong Kong Primary School English Teachers' Acceptance of Technology-Enhanced Language Learning and Teaching. , 2019, , .		2
44	The research trends in recommender systems for e-learning. Asian Association of Open Universities Journal, 2019, 14, 12-27.	2.8	11
45	Hybrid Feature-Based Sentiment Strength Detection for Big Data Applications. , 2019, , 73-91.		0
46	Editorial: Affective and sentimental computing. International Journal of Machine Learning and Cybernetics, 2019, 10, 2043-2044.	3.6	1
47	Temporal event searches based on event maps and relationships. Applied Soft Computing Journal, 2019, 85, 105750.	7.2	7
48	A Talent Assessment Model Based on Learning Behaviors and Patterns. , 2019, , .		0
49	Blended learning in practice: guest editorial. Journal of Computing in Higher Education, 2019, 31, 229-232.	6.1	6
50	Sentiment Classification Using Negative and Intensive Sentiment Supplement Information. Data Science and Engineering, 2019, 4, 109-118.	6.4	27
51	A Personalized Task Recommendation System for Vocabulary Learning Based on Readability and Diversity. Lecture Notes in Computer Science, 2019, , 82-92.	1.3	5
52	Data-driven Geometry-recovering Mesh Denoising. CAD Computer Aided Design, 2019, 114, 133-142.	2.7	34
53	Segment-level joint topic-sentiment model for online review analysis. IEEE Intelligent Systems, 2019, 34, 43-50.	4.0	50
54	Mesh Defiltering via Cascaded Geometry Recovery. Computer Graphics Forum, 2019, 38, 591-605.	3.0	11

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55	Personalized recommendation by matrix co-factorization with tags and time information. Expert Systems With Applications, 2019, 119, 311-321.	7.6	54
56	Social emotion classification based on noise-aware training. Data and Knowledge Engineering, 2019, 123, 101605.	3.4	17
57	Multi-criteria decision making based architecture selection for single-hidden layer feedforward neural networks. International Journal of Machine Learning and Cybernetics, 2019, 10, 655-666.	3.6	6
58	Trends and Features of Human Brain Research Using Artificial Intelligence Techniques: A Bibliometric Approach. Communications in Computer and Information Science, 2019, , 69-83.	0.5	8
59	Game-Based Vocabulary Learning in China and Hong Kong: Students' Evaluation of Different Word Learning APPs. Communications in Computer and Information Science, 2018, , 44-55.	0.5	9
60	Investigating the Effectiveness of Vocabulary Learning Tasks from the Perspective of the Technique Feature Analysis: The Effects of Pictorial Annotations. Communications in Computer and Information Science, 2018, , 3-15.	0.5	4
61	Incorporating user experience into critiquing-based recommender systems: a collaborative approach based on compound critiquing. International Journal of Machine Learning and Cybernetics, 2018, 9, 837-852.	3.6	7
62	A learning framework for information block search based on probabilistic graphical models and Fisher Kernel. International Journal of Machine Learning and Cybernetics, 2018, 9, 1473-1487.	3.6	2
63	Learning-based 3D surface optimization from medical image reconstruction. Optics and Lasers in Engineering, 2018, 103, 110-118.	3.8	19
64	Nonrigid iterative closest points for registration of 3D biomedical surfaces. Optics and Lasers in Engineering, 2018, 100, 141-154.	3.8	28
65	Natural Language Processing Empowered Mobile Computing. Wireless Communications and Mobile Computing, 2018, 2018, 1-2.	1.2	0
66	A Comparative Study on Recent Educational Policy Changes of Primary and Secondary Schooling in Hong Kong and Macau. , 2018, , .		2
67	Modelling second language learners for learning task recommendation. International Journal of Innovation and Learning, 2018, 23, 76.	0.4	2
68	Stock Prediction via Sentimental Transfer Learning. IEEE Access, 2018, 6, 73110-73118.	4.2	19
69	Extractive Adversarial Networks for Network Embedding. , 2018, , .		2
70	Promoting Self-Regulated Learning by Online Educational Resources. , 2018, , .		1
71	Universal affective model for Readers' emotion classification over short texts. Expert Systems With Applications, 2018, 114, 322-333.	7.6	32
72	Sentiment Classification via Supplementary Information Modeling. Lecture Notes in Computer Science, 2018, , 54-62.	1.3	2

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73	Personalized Word Learning for ESL Students via Integration of Implicit and Explicit Profiles. Lecture Notes in Computer Science, 2018, , 301-310.	1.3	1
74	A flexible graph-based model for facilitating digital learning activities. International Journal of Innovation and Learning, 2018, 23, 444.	0.4	2
75	A bibliometric analysis of natural language processing in medical research. BMC Medical Informatics and Decision Making, 2018, 18, 14.	3.0	89
76	Guest editorial: Innovative Practices of Blended Learning. Open Learning, 2018, 33, 80-82.	4.0	3
77	Adaptive Fractional-Pixel Motion Estimation Skipped Algorithm for Efficient HEVC Motion Estimation. ACM Transactions on Multimedia Computing, Communications and Applications, 2018, 14, 1-19.	4.3	51
78	Siamese Network-Based Supervised Topic Modeling. , 2018, , .		14
79	Enhancing Teacher Assessment Literacy Using a Blended Deep Learning Approach. Lecture Notes in Computer Science, 2018, , 203-214.	1.3	4
80	Learning Dual Preferences with Non-negative Matrix Tri-Factorization for Top-N Recommender System. Lecture Notes in Computer Science, 2018, , 133-149.	1.3	1
81	When Innovation Meets Evolution: An Extensive Study of Emerging e-Learning Technologies for Higher Education in Hong Kong. Lecture Notes in Computer Science, 2017, , 574-584.	1.3	3
82	A multi-relational term scheme for first story detection. Neurocomputing, 2017, 254, 42-52.	5.9	10
83	Discover learning path for group users: A profile-based approach. Neurocomputing, 2017, 254, 59-70.	5.9	41
84	An automatic approach for discovering skill relationship from learning data. , 2017, , .		2
85	Bootstrapping Social Emotion Classification with Semantically Rich Hybrid Neural Networks. IEEE Transactions on Affective Computing, 2017, 8, 428-442.	8.3	43
86	Revisit tag-based profiles in the folksonomy: How many tags are sufficient for profiling?. , 2017, , .		1
87	Supervised Intensive Topic Models for Emotion Detection over Short Text. Lecture Notes in Computer Science, 2017, , 408-422.	1.3	7
88	Efficient alarm behavior analytics for telecom networks. Information Sciences, 2017, 402, 1-14.	6.9	27
89	Market impact analysis via sentimental transfer learning. , 2017, , .		5
90	Combining Local and Global Features in Supervised Word Sense Disambiguation. Lecture Notes in Computer Science, 2017, , 117-131.	1.3	0

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91	Cluster-level Emotion Pattern Matching for Cross-Domain Social Emotion Classification. , 2017, , .		3
92	An empirical investigation on the impact of XBRL adoption on information asymmetry: Evidence from Europe. Decision Support Systems, 2017, 93, 42-50.	5.9	45
93	Sentiment classification of short text using sentimental context. , 2017, , .		4
94	Sentiment Strength Prediction Using Auxiliary Features. , 2017, , .		5
95	A study on the effectiveness of electronic and paper dictionaries: comparing the hybrid use of both and the pure use of either. International Journal of Innovation and Learning, 2017, 21, 379.	0.4	0
96	A Comparative Study on Various Vocabulary Knowledge Scales for Predicting Vocabulary Pre-Knowledge. International Journal of Distance Education Technologies, 2017, 15, 69-81.	2.9	8
97	A Review on Recent Development of the Involvement Load Hypothesis. Lecture Notes in Computer Science, 2017, , 447-452.	1.3	4
98	An Explicit Learner Profiling Model for Personalized Word Learning Recommendation. Lecture Notes in Computer Science, 2017, , 495-499.	1.3	4
99	A Network Framework for Noisy Label Aggregation in Social Media. , 2017, , .		3
100	On Security and Privacy of Quick Response System in Classroom Teaching. Lecture Notes in Computer Science, 2017, , 591-597.	1.3	0
101	Topic-Level Clustering on Web Resources. Lecture Notes in Computer Science, 2017, , 564-573.	1.3	0
102	Social Support and Sense of Loneliness in Solitary Older Adults. Lecture Notes in Computer Science, 2017, , 326-330.	1.3	0
103	Sentiment Analysis for Older People in Cross-Platform Instant Messaging Service. Lecture Notes in Computer Science, 2017, , 301-305.	1.3	1
104	Using iBeacon Technology for Active Aging Learning. Lecture Notes in Computer Science, 2017, , 331-336.	1.3	0
105	A Joint Framework for Collaborative Filtering and Metric Learning. Lecture Notes in Computer Science, 2016, , 184-196.	1.3	0
106	User authority ranking models forÂcommunity question answering1. Journal of Intelligent and Fuzzy Systems, 2016, 31, 2533-2542.	1.4	1
107	Biclustering-based Iterative Segmentation of human face images for facial feature extraction. , 2016, , .		0
108	Clustering of online learning resources via minimum spanning tree. Asian Association of Open Universities Journal, 2016, 11, 197-215.	2.8	2

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109	Singular vector decomposition based hybrid pattern search â€" An efficient co-clustering method. , 2016, , .		1
110	Folksonomy-based personalized search by hybrid user profiles in multiple levels. Neurocomputing, 2016, 204, 142-152.	5.9	33
111	Deep Neural Network for Short-Text Sentiment Classification. Lecture Notes in Computer Science, 2016, , 168-175.	1.3	7
112	Social emotion classification of short text via topic-level maximum entropy model. Information and Management, 2016, 53, 978-986.	6.5	99
113	A Density-Based Clustering Algorithm with Educational Applications. Lecture Notes in Computer Science, 2016, , 118-127.	1.3	0
114	A Clustering Algorithm Based on Minimum Spanning Tree with E-learning Applications. Lecture Notes in Computer Science, 2016, , 3-12.	1.3	2
115	Context-aware ontologies generation with basic level concepts from collaborative tags. Neurocomputing, 2016, 208, 25-38.	5.9	14
116	Social Network Application Development Based on Cloud Computing for Web-based Learning. Lecture Notes in Computer Science, 2016, , 134-139.	1.3	1
117	Incorporating sentiment into tag-based user profiles and resource profiles for personalized search in folksonomy. Information Processing and Management, 2016, 52, 61-72.	8.6	72
118	Generating Incidental Word-Learning Tasks via Topic-Based and Load-Based Profiles. IEEE MultiMedia, 2016, 23, 60-70.	1.7	35
119	Weighted multi-label classification model for sentiment analysis of online news. , 2016, , .		9
120	Personalized search for social media via dominating verbal context. Neurocomputing, 2016, 172, 27-37.	5.9	39
121	Predicting Pre-knowledge on Vocabulary from e-Learning Assignments for Language Learners. Lecture Notes in Computer Science, 2016, , 111-117.	1.3	2
122	A Teachersâ€™ Survey on the Effectiveness of e-Learning Platform in a Higher Education Institution. Communications in Computer and Information Science, 2015, , 284-291.	0.5	0
123	A pilot study on students' learning experience on the e-learning using social networking. International Journal of Innovation and Learning, 2015, 18, 299.	0.4	2
124	Does Summarization Help Stock Prediction? A News Impact Analysis. IEEE Intelligent Systems, 2015, 30, 26-34.	4.0	51
125	The Impact of Online Discussion Platform on Studentsâ€™ Academic Performance. Lecture Notes in Computer Science, 2015, , 199-208.	1.3	3
126	Investigating the Effectiveness of the Uses of Electronic and Paper-Based Dictionaries in Promoting Incidental Word Learning. Lecture Notes in Computer Science, 2015, , 59-69.	1.3	4

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127	Sentiment Detection of Short Text via Probabilistic Topic Modeling. Lecture Notes in Computer Science, 2015, , 76-85.	1.3	1
128	Comparative Study on Heterogeneous Profiling Sources for Second Language Learners. Communications in Computer and Information Science, 2015, , 209-218.	0.5	1
129	The use of monolingual mobile dictionaries in the context of reading by intermediate Cantonese EFL learners in Hong Kong. , 2015, , .		1
130	Knowledge Communication Analysis Based on Clustering and Association Rules Mining. Lecture Notes in Computer Science, 2015, , 66-75.	1.3	0
131	Facebook's potential for personal, social, academic and career development for higher education students. International Journal of Innovation and Learning, 2014, 16, 203.	0.4	5
132	The Load-Based Learner Profile for Incidental Word Learning Task Generation. Lecture Notes in Computer Science, 2014, , 190-200.	1.3	22
133	Students' Experience and Perception on E-Learning Using Social Networking. Lecture Notes in Computer Science, 2013, , 269-279.	1.3	2
134	Overview of Continuing Education in Hong Kong. Lecture Notes in Computer Science, 2013, , 377-389.	1.3	1
135	Integration of Placement in Higher Education to Provide Holistic Education. Lecture Notes in Computer Science, 2013, , 390-400.	1.3	0
136	Evaluation on Students' Experience of Course Management System. Communications in Computer and Information Science, 2013, , 69-78.	0.5	0
137	The Design and Implementation of an Information System for Placement Programmes. Communications in Computer and Information Science, 2013, , 120-134.	0.5	0
138	Exploring the Potential Benefits of Facebook on Personal, Social, Academic and Career Development for Higher Education Students. Lecture Notes in Computer Science, 2012, , 253-264.	1.3	2
139	An Effective Tool to Support Teaching and Learning of Modular Programming. Communications in Computer and Information Science, 2012, , 80-90.	0.5	0
140	Student Engagement: Meanings, Approaches and Ideas for Educators Interested in ICT. Communications in Computer and Information Science, 2012, , 1-10.	0.5	3
141	Image Annotation Based on Central Region Features Reduction. Lecture Notes in Computer Science, 2011, , 509-515.	1.3	0
142	Preface - Volume 1. , 2010, , .		0
143	Improving Markov Logic Network learning using unlabeled data. , 2010, , .		1
144	Effectiveness of E-Learning at Secondary Schools in Hong Kong. Lecture Notes in Computer Science, 2010, , 489-500.	1.3	0

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145	Experience of Blended Learning in School Education: Knowledge about Perimeter of Closed Shapes. Lecture Notes in Computer Science, 2010, , 296-305.	1.3	1
146	Multi-document Summarization for E-Learning. Lecture Notes in Computer Science, 2009, , 353-364.	1.3	0
147	Extracting the Essence. , 2009, , 113-121.		0
148	Hierarchical summarization of large documents. Journal of the Association for Information Science and Technology, 2008, 59, 887-902.	2.6	27
149	Designing Programming Exercises with Computer Assisted Instruction. Lecture Notes in Computer Science, 2008, , 283-293.	1.3	16
150	Organization of Documents for Multiple Document Summarization. , 2008, , .		1
151	An unsupervised learning framework for discovering the site-specific ontology from multiple Web pages. , 2008, , .		2
152	Mining Web data for Chinese segmentation. Journal of the Association for Information Science and Technology, 2007, 58, 1820-1837.	2.6	8
153	An information delivery system with automatic summarization for mobile commerce. Decision Support Systems, 2007, 43, 46-61.	5.9	19
154	Design and Implementation of an Automated System for Assessment of Computer Programming Assignments. , 2007, , 584-596.		10
155	Blended Teaching and Learning of Computer Programming. , 2007, , 606-617.		7
156	The impact analysis of language differences on an automatic multilingual text summarization system. Journal of the Association for Information Science and Technology, 2006, 57, 684-696.	2.6	3
157	Multi-document Summarization for Terrorism Information Extraction. Lecture Notes in Computer Science, 2006, , 602-608.	1.3	7
158	Impact of Document Structure on Hierarchical Summarization. Lecture Notes in Computer Science, 2006, , 459-469.	1.3	3
159	Improvements to Collaborative Filtering Systems. Lecture Notes in Computer Science, 2004, , 975-981.	1.3	0
160	A Relevance Feedback Model for Fractal Summarization. Lecture Notes in Computer Science, 2004, , 368-377.	1.3	0
161	Transversal of disjoint convex polygons. Information Processing Letters, 2003, 85, 55-60.	0.6	0
162	Fractal summarization for mobile devices to access large documents on the web. , 2003, , .		40

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163	Fractal summarization. , 2003, , .		20
164	Automatic Summarization of Chinese and English Parallel Documents. Lecture Notes in Computer Science, 2003, , 46-61.	1.3	5
165	Efficient algorithm for transversal of disjoint convex polygons. Information Processing Letters, 2002, 83, 141-144.	0.6	2
166	Maximum Stabbing Line in 2D Plane. Lecture Notes in Computer Science, 1999, , 379-388.	1.3	1
167	Global research on artificial intelligence-enhanced human electroencephalogram analysis. Neural Computing and Applications, 0, , 1.	5.6	11
168	Hybrid Teaching and Learning of Computer Programming Language. , 0, , 487-502.		0