

Xieling Chen

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,378
citations

430874

18
h-index

377865

34
g-index

41
all docs

41
docs citations

41
times ranked

693
citing authors

#	ARTICLE	IF	CITATIONS
1	Detecting latent topics and trends in educational technologies over four decades using structural topic modeling: A retrospective of all volumes of Computers & Education. Computers and Education, 2020, 151, 103855.	8.3	199
2	Application and theory gaps during the rise of Artificial Intelligence in Education. Computers and Education Artificial Intelligence, 2020, 1, 100002.	10.8	154
3	Exploring two decades of research on classroom dialogue by using bibliometric analysis. Computers and Education, 2019, 137, 12-31.	8.3	117
4	Fifty years of <i>British Journal of Educational Technology</i> : A topic modeling based bibliometric perspective. British Journal of Educational Technology, 2020, 51, 692-708.	6.3	96
5	A bibliometric analysis of natural language processing in medical research. BMC Medical Informatics and Decision Making, 2018, 18, 14.	3.0	89
6	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
7	A bibliometric analysis of text mining in medical research. Soft Computing, 2018, 22, 7875-7892.	3.6	63
8	A bibliometric analysis of event detection in social media. Online Information Review, 2019, 43, 29-52.	3.2	61
9	Discovering thematic change and evolution of utilizing social media for healthcare research. BMC Medical Informatics and Decision Making, 2019, 19, 50.	3.0	51
10	A multi-perspective study on Artificial Intelligence in Education: grants, conferences, journals, software tools, institutions, and researchers. Computers and Education Artificial Intelligence, 2020, 1, 100005.	10.8	49
11	Research topics, author profiles, and collaboration networks in the top-ranked journal on educational technology over the past 40 years: a bibliometric analysis. Journal of Computers in Education, 2019, 6, 563-585.	8.3	45
12	Topics and trends in artificial intelligence assisted human brain research. PLoS ONE, 2020, 15, e0231192.	2.5	33
13	A Structural Topic Modeling-Based Bibliometric Study of Sentiment Analysis Literature. Cognitive Computation, 2020, 12, 1097-1129.	5.2	31
14	A comparative quantitative study of utilizing artificial intelligence on electronic health records in the USA and China during 2008–2017. BMC Medical Informatics and Decision Making, 2018, 18, 117.	3.0	30
15	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
16	A bibliometric review on latent topics and trends of the empirical MOOC literature (2008–2019). Asia Pacific Education Review, 2021, 22, 515-534.	2.5	30
17	Topic analysis and development in knowledge graph research: A bibliometric review on three decades. Neurocomputing, 2021, 461, 497-515.	5.9	22
18	A Bibliometric Analysis of the Research Status of the Technology Enhanced Language Learning. Lecture Notes in Computer Science, 2018, , 169-179.	1.3	22

#	ARTICLE	IF	CITATIONS
19	A Bibliometric Review of Natural Language Processing Empowered Mobile Computing. Wireless Communications and Mobile Computing, 2018, 2018, 1-21.	1.2	21
20	A Topic-Based Bibliometric Analysis of Two Decades of Research on the Application of Technology in Classroom Dialogue. Journal of Educational Computing Research, 2020, 58, 1311-1341.	5.5	18
21	A Decade of Sentic Computing: Topic Modeling and Bibliometric Analysis. Cognitive Computation, 2022, 14, 24-47.	5.2	17
22	A bibliometric analysis of the trends and research topics of empirical research on TPACK. Education and Information Technologies, 2022, 27, 10585-10609.	5.7	16
23	Machine and cognitive intelligence for human health: systematic review. Brain Informatics, 2022, 9, 5.	3.0	15
24	A Data-Driven Approach for Discovering the Recent Research Status of Diabetes in China. Lecture Notes in Computer Science, 2017, , 89-101.	1.3	14
25	Discovering the Recent Research in Natural Language Processing Field Based on a Statistical Approach. Lecture Notes in Computer Science, 2017, , 507-517.	1.3	13
26	Game-based self-regulated language learning: Theoretical analysis and bibliometrics. PLoS ONE, 2020, 15, e0243827.	2.5	12
27	Global research on artificial intelligence-enhanced human electroencephalogram analysis. Neural Computing and Applications, 0, , 1.	5.6	11
28	Affective states in digital game-based learning: Thematic evolution and social network analysis. PLoS ONE, 2021, 16, e0255184.	2.5	10
29	A decade of learning analytics: Structural topic modeling based bibliometric analysis. Education and Information Technologies, 2022, 27, 10517-10561.	5.7	10
30	A bibliometric and visual analysis of artificial intelligence technologies-enhanced brain MRI research. Multimedia Tools and Applications, 2021, 80, 17335-17363.	3.9	9
31	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
32	Quantifying and Visualizing the Research Status of Social Media and Health Research Field. , 2019, , 31-51.		3
33	What Are MOOCs Learners's Concerns? Text Analysis of Reviews for Computer Science Courses. Lecture Notes in Computer Science, 2020, , 73-79.	1.3	3
34	Socialization in language learning: Topic modeling and bibliometric analysis. , 2022, , 151-183.		3
35	A Topic-Based Bibliometric Review of Computers in Human Behavior: Contributors, Collaborations, and Research Topics. Sustainability, 2021, 13, 4859.	3.2	2
36	Smart Learning Environments: A Bibliometric Analysis. Lecture Notes in Computer Science, 2020, , 353-364.	1.3	2

#	ARTICLE	IF	CITATIONS
37	Discovering Commonly Shared Semantic Concepts of Eligibility Criteria for Learning Clinical Trial Design. Lecture Notes in Computer Science, 2015, , 3-13.	1.3	2
38	The Analysis of Worldwide Research on Artificial Intelligence Assisted User Modeling. Lecture Notes in Computer Science, 2020, , 201-213.	1.3	1
39	A Bibliometric Review of Soft Computing for Recommender Systems and Sentiment Analysis. IEEE Transactions on Artificial Intelligence, 2022, 3, 642-656.	4.7	0
40	Core Research Topics of Studies on Personalized Feedback in the Past Four Decades. Lecture Notes in Computer Science, 2020, , 121-130.	1.3	0