Gary Cheng

List of Publications by Year
in descending order

49 papers	1,016 citations	623734 14 h-index	477307 29 g-index
51 all docs	51 docs citations	51 times ranked	633 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	Exploring the relationships between learning styles, online participation, learning achievement and course satisfaction: An empirical study of a blended learning course. British Journal of Educational Technology, 2016, 47, 257-278.	6.3	132
3	A Systematic Review of AR and VR Enhanced Language Learning. Sustainability, 2021, 13, 4639.	3.2	75
4	Towards understanding the potential of e-portfolios for independent learning: A qualitative study. Australasian Journal of Educational Technology, 2010, 26, .	3.5	69
5	Exploring students' learning styles in relation to their acceptance and attitudes towards using Second Life in education: A case study in Hong Kong. Computers and Education, 2014, 70, 105-115.	8.3	53
6	The impact of online automated feedback on students' reflective journal writing in an EFL course. Internet and Higher Education, 2017, 34, 18-27.	6.5	48
7	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
8	Digital video for fostering self-reflection in an ePortfolio environment. Learning, Media and Technology, 2009, 34, 337-350.	3.2	40
9	Exploring factors influencing the acceptance of visual programming environment among boys and girls in primary schools. Computers in Human Behavior, 2019, 92, 361-372.	8.5	38
10	Topics and trends in artificial intelligence assisted human brain research. PLoS ONE, 2020, 15, e0231192.	2.5	33
11	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
12	Topic analysis and development in knowledge graph research: A bibliometric review on three decades. Neurocomputing, 2021, 461, 497-515.	5.9	22
13	Word-level emotion distribution with two schemas for short text emotion classification. Knowledge-Based Systems, 2021, 227, 107163.	7.1	21
14	A review of AWE feedback: types, learning outcomes, and implications. Computer Assisted Language Learning, 2024, 37, 179-221.	7.1	21
15	A Decade of Sentic Computing: Topic Modeling and Bibliometric Analysis. Cognitive Computation, 2022, 14, 24-47.	5.2	17
16	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
17	Target languages, types of activities, engagement, and effectiveness of extramural language learning. PLoS ONE, 2021, 16, e0253431.	2.5	15
18	Machine and cognitive intelligence for human health: systematic review. Brain Informatics, 2022, 9, 5.	3.0	15

#	Article	IF	Citations
19	Game-based self-regulated language learning: Theoretical analysis and bibliometrics. PLoS ONE, 2020, 15, e0243827.	2.5	12
20	Affective states in digital game-based learning: Thematic evolution and social network analysis. PLoS ONE, 2021, 16, e0255184.	2.5	10
21	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
22	Integrating Drone Technology in STEM Education: A Case Study to Assess Teachers' Readiness and Training Needs. Issues in Informing Science and Information Technology, 0, 16, 061-070.	0.0	9
23	Exploring the effects of automated tracking of student responses to teacher feedback in draft revision: evidence from an undergraduate EFL writing course. Interactive Learning Environments, 2022, 30, 353-375.	6.4	7
24	Artificial intelligence-assisted personalized language learning: systematic review and co-citation analysis. , 2021, , .		7
25	Leveraging statistical information in fine-grained financial sentiment analysis. World Wide Web, 2022, 25, 513-531.	4.0	7
26	Pronunciation-Enhanced Chinese Word Embedding. Cognitive Computation, 2021, 13, 688.	5.2	6
27	Implementing technology-enhanced collaborative writing in second and foreign language learning: A review of practices, technology and challenges. Education and Information Technologies, 2022, 27, 8041-8069.	5.7	6
28	Exploring the impact of flipped classroom on students' acceptance of programming in secondary education. , 2017, , .		5
29	BGM-Net: Boundary-Guided Multiscale Network for Breast Lesion Segmentation in Ultrasound. Frontiers in Molecular Biosciences, 2021, 8, 698334.	3.5	5
30	Towards Automatic Classification of Teacher Feedback on Student Writing. International Journal of Information and Education Technology, 2018, 8, 342-346.	1.2	5
31	Nonlocal Low-Rank Point Cloud Denoising for 3-D Measurement Surfaces. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	4.7	5
32	Effects of a collaborative design approach on pre-service teachers' ability of designing for learning with a digital game. Education and Information Technologies, 0, , 1.	5.7	5
33	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
34	Hierarchical neural topic modeling with manifold regularization. World Wide Web, 2021, 24, 2139-2160.	4.0	4
35	What Are MOOCs Learners' Concerns? Text Analysis of Reviews for Computer Science Courses. Lecture Notes in Computer Science, 2020, , 73-79.	1.3	3
36	Socialization in language learning: Topic modeling and bibliometric analysis. , 2022, , 151-183.		3

#	ARTICLE	IF	CITATIONS
37	Investigating effects of automated feedback on EFL students' reflective learning skills. , 2016, , .		2
38	A Topic-Based Bibliometric Review of Computers in Human Behavior: Contributors, Collaborations, and Research Topics. Sustainability, 2021, 13, 4859.	3.2	2
39	EmoChannel-SA: exploring emotional dependency towards classification task with self-attention mechanism. World Wide Web, 2021, 24, 2049-2070.	4.0	2
40	Enhancing skill prediction through generalising Bayesian knowledge tracing. International Journal of Mobile Learning and Organisation, 2021, 15, 358.	0.3	2
41	Three-dimensional surface mesh optimization and centerline extraction of vasculatures for endovascular intervention simulation. Journal of Electronic Imaging, 2022, 31, .	0.9	2
42	Lessons Learned from Planning the Use of Mobile Technologies at Schools in Hong Kong. , 2010, , .		1
43	An Approach to Identify Levels of Reflection Using Latent Semantic Analysis. , 2013, , .		1
44	Using an Automatic Approach to Classify Reflective Language Learning Skills of ESL Students. , 2015, , .		1
45	Applying Eye Tracking to Identify Students' Use of Learning Strategies in Understanding Program Code. , 2019, , .		1
46	Automated tracking of student revisions in response to teacher feedback in EFL writing: technological feasibility and teachers' perspectives. Interactive Learning Environments, 2023, 31, 5236-5260.	6.4	1
47	A Bibliometric Review of Soft Computing for Recommender Systems and Sentiment Analysis. IEEE Transactions on Artificial Intelligence, 2022, 3, 642-656.	4.7	0
48	Enhancing Academic Reading Skills Using a Peer Assessment of Online Collaborative Annotation Approach. Communications in Computer and Information Science, 2020, , 281-292.	0.5	0
49	Core Research Topics of Studies on Personalized Feedback in the Past Four Decades. Lecture Notes in Computer Science, 2020, , 121-130.	1.3	0