Mohammed Saqr

List of Publications by Year
in descending order

61 papers	982 citations	623188 14 h-index	552369 26 g-index
65 all docs	65 docs citations	65 times ranked	445 citing authors

#	Article	IF	Citations
1	A learning analytics perspective on educational escape rooms. Interactive Learning Environments, 2023, 31, 6509-6525.	4.4	6
2	Affective states and regulation of learning during <scp>socioâ€emotional</scp> interactions in secondary school collaborative groups. British Journal of Educational Psychology, 2023, 93, 48-70.	1.6	14
3	The nature and building blocks of educational technology research. Computers in Human Behavior, 2022, 128, 107123.	5.1	35
4	How well centrality measures capture student achievement in computer-supported collaborative learning? â€“ A systematic review and meta-analysis. Educational Research Review, 2022, 35, 100437.	4.1	10
5	A Systematic Literature Review of Empirical Research on Epistemic Network Analysis in Education. IEEE Access, 2022, 10, 17330-17348.	2.6	16
6	Temporal networks in collaborative learning: AÂcase study. British Journal of Educational Technology, 2022, 53, 1283-1303.	3.9	5
7	Games and Rewards: A Scientometric Study of Rewards in Educational and Serious Games. IEEE Access, 2022, 10, 31578-31585.	2.6	8
8	Networks in Education: A Travelogue Through Five Decades. IEEE Access, 2022, 10, 32361-32380.	2.6	9
9	Computing Education Research Compiled: Keyword Trends, Building Blocks, Creators, and Dissemination. IEEE Access, 2022, 10, 27041-27068.	2.6	17
10	A Quantitative Synthesis of Eight Decades of Global Multiple Sclerosis Research Using Bibliometrics. Frontiers in Neurology, 2022, 13, 845539.	1.1	11
11	How the Monitoring Events of Individual Students Are Associated With Phases of Regulation. Journal of Learning Analytics, 2022, 9, 77-92.	1.8	17
12	The Curious Case of Centrality Measures: A Large-Scale Empirical Investigation. Journal of Learning Analytics, 2022, 9, 13-31.	1.8	9
13	Exploring studentsâ€™ expectations of learning analytics: A person-centered approach. Education and Information Technologies, 2022, 27, 8561-8581.	3.5	12
14	Is there order in the mess? A single paper meta-analysis approach to identification of predictors of success in learning analytics. Studies in Higher Education, 2022, 47, 2370-2391.	2.9	8
15	From a National Meeting to an International Conference: A Scientometric Case Study of a Finnish Computing Education Conference. IEEE Access, 2022, 10, 66576-66588.	2.6	6
16	Learning analytics and flipped learning in online teaching for supporting preservice teachersâ€™ learning of quantitative research methods. Seminar Net, 2022, 18, .	0.6	2
17	How CSCL roles emerge, persist, transition, and evolve over time: A four-year longitudinal study. Computers and Education, 2022, 189, 104581.	5.1	10
18	How Networking and Social Capital Influence Performance: The Role of Long-Term Ties. Lecture Notes in Networks and Systems, 2021, , 335-346.	0.5	0

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19	The Dire Cost of Early Disengagement: A Four-Year Learning Analytics Study over a Full Program. Lecture Notes in Computer Science, 2021, , 122-136.	1.0	2
20	People, Ideas, Milestones: A Scientometric Study of Computational Thinking. ACM Transactions on Computing Education, 2021, 21, 1-17.	2.9	27
21	Putting It All Together: Combining Learning Analytics Methods and Data Sources to Understand Studentsâ€™ Approaches to Learning Programming. Sustainability, 2021, 13, 4825.	1.6	19
22	Students matter the most in learning analytics: The effects of internal and instructional conditions in predicting academic success. Computers and Education, 2021, 172, 104251.	5.1	47
23	Utility of SPECT Functional Neuroimaging of Pain. Frontiers in Psychiatry, 2021, 12, 705242.	1.3	8
24	Idiographic learning analytics: A definition and a case study. , 2021, , .		2
25	Two decades of game concepts in digital learning environments â€“ A bibliometric study and research agenda. Computers and Education, 2021, 173, 104296.	5.1	43
26	The longitudinal trajectories of online engagement over a full program. Computers and Education, 2021, 175, 104325.	5.1	33
27	The relational, co-temporal, contemporaneous, and longitudinal dynamics of self-regulation for academic writing. Research and Practice in Technology Enhanced Learning, 2021, 16, .	1.9	6
28	Modelling diffusion in computer-supported collaborative learning: a large scale learning analytics study. International Journal of Computer-Supported Collaborative Learning, 2021, 16, 441-483.	1.9	8
29	Bringing Synchrony and Clarity to Complex Multi-Channel Data: A Learning Analytics Study in Programming Education. IEEE Access, 2021, 9, 166531-166541.	2.6	11
30	A Scientometric Journey Through the FIE Bookshelf: 1982-2020. , 2021, , .		7
31	Learning Analytics for Blended Learning: A Systematic Review of Theory, Methodology, and Ethical Considerations. International Journal of Learning Analytics and Artificial Intelligence for Education (iJAI), 2020, 2, 46.	1.1	12
32	Robustness and rich clubs in collaborative learning groups: a learning analytics study using network science. Scientific Reports, 2020, 10, 14445.	1.6	9
33	Learning and Social Networks - Similarities, Differences and Impact. , 2020, , .		3
34	What makes an online problem-based group successful? A learning analytics study using social network analysis. BMC Medical Education, 2020, 20, 80.	1.0	34
35	Capturing the participation and social dimensions of computer-supported collaborative learning through social network analysis: which method and measures matter?. International Journal of Computer-Supported Collaborative Learning, 2020, 15, 227-248.	1.9	38
36	Using Diffusion Network Analytics to Examine and Support Knowledge Construction in CSCL Settings. Lecture Notes in Computer Science, 2020, , 158-172.	1.0	5

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37	High resolution temporal network analysis to understand and improve collaborative learning. , 2020, , .		13
38	Tear down the walls: Disseminating open access research for a global impact. International Journal of Health Sciences, 2020, 14, 43-49.	0.4	0
39	The role of social network analysis as a learning analytics tool in online problem based learning. BMC Medical Education, 2019, 19, 160.	1.0	68
40	Time to focus on the temporal dimension of learning: a learning analytics study of the temporal patterns of students' interactions and self-regulation. International Journal of Technology Enhanced Learning, 2019, 11, 398.	0.4	6
41	Efforts in Europe for Data-Driven Improvement of Education â€“ A Review of Learning Analytics Research in Seven Countries. International Journal of Learning Analytics and Artificial Intelligence for Education (iJAI), 2019, 1, 8.	1.1	22
42	Bachelor Thesis Analytics: Using Machine Learning to Predict Dropout and Identify Performance Factors. International Journal of Learning Analytics and Artificial Intelligence for Education (iJAI), 2019, 1, 116.	1.1	3
43	Identifying Factors for Master Thesis Completion and Non-completion Through Learning Analytics and Machine Learning. Lecture Notes in Computer Science, 2019, , 28-39.	1.0	9
44	A Learning Analytics Study of the Effect of Group Size on Social Dynamics and Performance in Online Collaborative Learning. Lecture Notes in Computer Science, 2019, , 466-479.	1.0	12
45	Time to focus on the temporal dimension of learning: a learning analytics study of the temporal patterns of students' interactions and self-regulation. International Journal of Technology Enhanced Learning, 2019, 11, 398.	0.4	8
46	A Research Agenda for the Why, What, and How of Gamification Designs: Outcomes of an ECIS 2019 Panel. Communications of the Association for Information Systems, 2019, 46, 706-721.	0.7	13
47	TOWARDS GROUP-AWARE LEARNING ANALYTICS: USING SOCIAL NETWORK ANALYSIS AND MACHINE LEARNING TO MONITOR AND PREDICT PERFORMANCE IN COLLABORATIVE LEARNING. , 2019, , .		1
48	Research education in an undergraduate curriculum: Students perspective. International Journal of Health Sciences, 2019, 13, 30-34.	0.4	1
49	Using social network analysis to understand online Problem-Based Learning and predict performance. PLoS ONE, 2018, 13, e0203590.	1.1	60
50	How the study of online collaborative learning can guide teachers and predict studentsâ€™ performance in a medical course. BMC Medical Education, 2018, 18, 24.	1.0	51
51	How social network analysis can be used to monitor online collaborative learning and guide an informed intervention. PLoS ONE, 2018, 13, e0194777.	1.1	65
52	WHAT SHAPES THE COMMUNITIES OF LEARNERS IN A MEDICAL SCHOOL. EDULEARN Proceedings, 2018, , .	0.0	1
53	TEMPORALITY MATTERS. A LEARNING ANALYTICS STUDY OF THE PATTERNS OF INTERACTIONS AND ITS RELATION TO PERFORMANCE. EDULEARN Proceedings, 2018, , .	0.0	4
54	A literature review of empirical research on learning analytics in medical education. International Journal of Health Sciences, 2018, 12, 80-85.	0.4	8

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55	How learning analytics can early predict under-achieving students in a blended medical education course. Medical Teacher, 2017, 39, 757-767.	1.0	109
56	Assessment analytics: The missing step. International Journal of Health Sciences, 2017, 11, 1-2.	0.4	1
57	Big data and the emerging ethical challenges. International Journal of Health Sciences, 2017, 11, 1-2.	0.4	3
58	Learning Analytic and Medical Education. International Journal of Health Sciences, 2015, 9, v-vi.	0.4	8
59	Shall Migraine be Considered a Simple Benign Headache Disorder?. International Journal of Health Sciences, 2008, 2, 115-8.	0.4	0
60	Teachersâ€™ Learning Profiles in Learning Programming: The Big Picture!. Frontiers in Education, 0, 7, .	1.2	2
61	A Person-Centered Approach to Study Studentsâ€™ Socio-Emotional Interaction Profiles and Regulation of Collaborative Learning. Frontiers in Education, 0, 7, .	1.2	3