

# Mohammed Saqr

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/421864/publications.pdf>

Version: 2024-02-01

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	How learning analytics can early predict under-achieving students in a blended medical education course. <i>Medical Teacher</i> , 2017, 39, 757-767.	1.0	109
2	The role of social network analysis as a learning analytics tool in online problem based learning. <i>BMC Medical Education</i> , 2019, 19, 160.	1.0	68
3	How social network analysis can be used to monitor online collaborative learning and guide an informed intervention. <i>PLoS ONE</i> , 2018, 13, e0194777.	1.1	65
4	Using social network analysis to understand online Problem-Based Learning and predict performance. <i>PLoS ONE</i> , 2018, 13, e0203590.	1.1	60
5	How the study of online collaborative learning can guide teachers and predict studentsâ€™ performance in a medical course. <i>BMC Medical Education</i> , 2018, 18, 24.	1.0	51
6	Students matter the most in learning analytics: The effects of internal and instructional conditions in predicting academic success. <i>Computers and Education</i> , 2021, 172, 104251.	5.1	47
7	Two decades of game concepts in digital learning environments â€“ A bibliometric study and research agenda. <i>Computers and Education</i> , 2021, 173, 104296.	5.1	43
8	Capturing the participation and social dimensions of computer-supported collaborative learning through social network analysis: which method and measures matter?. <i>International Journal of Computer-Supported Collaborative Learning</i> , 2020, 15, 227-248.	1.9	38
9	The nature and building blocks of educational technology research. <i>Computers in Human Behavior</i> , 2022, 128, 107123.	5.1	35
10	What makes an online problem-based group successful? A learning analytics study using social network analysis. <i>BMC Medical Education</i> , 2020, 20, 80.	1.0	34
11	The longitudinal trajectories of online engagement over a full program. <i>Computers and Education</i> , 2021, 175, 104325.	5.1	33
12	People, Ideas, Milestones: A Scientometric Study of Computational Thinking. <i>ACM Transactions on Computing Education</i> , 2021, 21, 1-17.	2.9	27
13	Efforts in Europe for Data-Driven Improvement of Education â€“ A Review of Learning Analytics Research in Seven Countries. <i>International Journal of Learning Analytics and Artificial Intelligence for Education (ijAI)</i> , 2019, 1, 8.	1.1	22
14	Putting It All Together: Combining Learning Analytics Methods and Data Sources to Understand Studentsâ€™ Approaches to Learning Programming. <i>Sustainability</i> , 2021, 13, 4825.	1.6	19
15	Computing Education Research Compiled: Keyword Trends, Building Blocks, Creators, and Dissemination. <i>IEEE Access</i> , 2022, 10, 27041-27068.	2.6	17
16	How the Monitoring Events of Individual Students Are Associated With Phases of Regulation. <i>Journal of Learning Analytics</i> , 2022, 9, 77-92.	1.8	17
17	A Systematic Literature Review of Empirical Research on Epistemic Network Analysis in Education. <i>IEEE Access</i> , 2022, 10, 17330-17348.	2.6	16
18	Affective states and regulation of learning during <scp>socioâ€œemotional</scp> interactions in secondary school collaborative groups. <i>British Journal of Educational Psychology</i> , 2023, 93, 48-70.	1.6	14

#	ARTICLE	IF	CITATIONS
19	A Research Agenda for the Why, What, and How of Gamification Designs: Outcomes of an ECIS 2019 Panel. <i>Communications of the Association for Information Systems</i> , 2019, 46, 706-721.	0.7	13
20	High resolution temporal network analysis to understand and improve collaborative learning. , 2020, , ,		13
21	Learning Analytics for Blended Learning: A Systematic Review of Theory, Methodology, and Ethical Considerations. <i>International Journal of Learning Analytics and Artificial Intelligence for Education (IJAI)</i> , 2020, 2, 46.	1.1	12
22	A Learning Analytics Study of the Effect of Group Size on Social Dynamics and Performance in Online Collaborative Learning. <i>Lecture Notes in Computer Science</i> , 2019, , 466-479.	1.0	12
23	Exploring studentsâ€™ expectations of learning analytics: A person-centered approach. <i>Education and Information Technologies</i> , 2022, 27, 8561-8581.	3.5	12
24	Bringing Synchrony and Clarity to Complex Multi-Channel Data: A Learning Analytics Study in Programming Education. <i>IEEE Access</i> , 2021, 9, 166531-166541.	2.6	11
25	A Quantitative Synthesis of Eight Decades of Global Multiple Sclerosis Research Using Bibliometrics. <i>Frontiers in Neurology</i> , 2022, 13, 845539.	1.1	11
26	How well centrality measures capture student achievement in computer-supported collaborative learning? â€“ A systematic review and meta-analysis. <i>Educational Research Review</i> , 2022, 35, 100437.	4.1	10
27	How CSCL roles emerge, persist, transition, and evolve over time: A four-year longitudinal study. <i>Computers and Education</i> , 2022, 189, 104581.	5.1	10
28	Robustness and rich clubs in collaborative learning groups: a learning analytics study using network science. <i>Scientific Reports</i> , 2020, 10, 14445.	1.6	9
29	Identifying Factors for Master Thesis Completion and Non-completion Through Learning Analytics and Machine Learning. <i>Lecture Notes in Computer Science</i> , 2019, , 28-39.	1.0	9
30	Networks in Education: A Travelogue Through Five Decades. <i>IEEE Access</i> , 2022, 10, 32361-32380.	2.6	9
31	The Curious Case of Centrality Measures: A Large-Scale Empirical Investigation. <i>Journal of Learning Analytics</i> , 2022, 9, 13-31.	1.8	9
32	Utility of SPECT Functional Neuroimaging of Pain. <i>Frontiers in Psychiatry</i> , 2021, 12, 705242.	1.3	8
33	Learning Analytic and Medical Education. <i>International Journal of Health Sciences</i> , 2015, 9, v-vi.	0.4	8
34	Time to focus on the temporal dimension of learning: a learning analytics study of the temporal patterns of students' interactions and self-regulation. <i>International Journal of Technology Enhanced Learning</i> , 2019, 11, 398.	0.4	8
35	A literature review of empirical research on learning analytics in medical education. <i>International Journal of Health Sciences</i> , 2018, 12, 80-85.	0.4	8
36	Modelling diffusion in computer-supported collaborative learning: a large scale learning analytics study. <i>International Journal of Computer-Supported Collaborative Learning</i> , 2021, 16, 441-483.	1.9	8

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37	Games and Rewards: A Scientometric Study of Rewards in Educational and Serious Games. IEEE Access, 2022, 10, 31578-31585.	2.6	8
38	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
39	A Scientometric Journey Through the FIE Bookshelf: 1982-2020. , 2021, , .		7
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	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
42	A learning analytics perspective on educational escape rooms. Interactive Learning Environments, 2023, 31, 6509-6525.	4.4	6
43	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
44	Using Diffusion Network Analytics to Examine and Support Knowledge Construction in CSCL Settings. Lecture Notes in Computer Science, 2020, , 158-172.	1.0	5
45	Temporal networks in collaborative learning: A case study. British Journal of Educational Technology, 2022, 53, 1283-1303.	3.9	5
46	TEMPORALITY MATTERS. A LEARNING ANALYTICS STUDY OF THE PATTERNS OF INTERACTIONS AND ITS RELATION TO PERFORMANCE. EDULEARN Proceedings, 2018, , .	0.0	4
47	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
48	Learning and Social Networks - Similarities, Differences and Impact. , 2020, , .		3
49	Big data and the emerging ethical challenges. International Journal of Health Sciences, 2017, 11, 1-2.	0.4	3
50	A Person-Centered Approach to Study Students's Socio-Emotional Interaction Profiles and Regulation of Collaborative Learning. Frontiers in Education, 0, 7, .	1.2	3
51	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
52	Idiographic learning analytics: A definition and a case study. , 2021, , .		2
53	Teachers's Learning Profiles in Learning Programming: The Big Picture!. Frontiers in Education, 0, 7, .	1.2	2
54	Learning analytics and flipped learning in online teaching for supporting preservice teachers's learning of quantitative research methods. Seminar Net, 2022, 18, .	0.6	2

#	ARTICLE	IF	CITATIONS
55	WHAT SHAPES THE COMMUNITIES OF LEARNERS IN A MEDICAL SCHOOL. EDULEARN Proceedings, 2018, ,	0.0	1
56	TOWARDS GROUP-AWARE LEARNING ANALYTICS: USING SOCIAL NETWORK ANALYSIS AND MACHINE LEARNING TO MONITOR AND PREDICT PERFORMANCE IN COLLABORATIVE LEARNING. , 2019, ,		1
57	Assessment analytics: The missing step. International Journal of Health Sciences, 2017, 11, 1-2.	0.4	1
58	Research education in an undergraduate curriculum: Students perspective. International Journal of Health Sciences, 2019, 13, 30-34.	0.4	1
59	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
60	Shall Migraine be Considered a Simple Benign Headache Disorder?. International Journal of Health Sciences, 2008, 2, 115-8.	0.4	0
61	Tear down the walls: Disseminating open access research for a global impact. International Journal of Health Sciences, 2020, 14, 43-49.	0.4	0