Miri Barak

List of Publications by Year
in descending order

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Version: 2024-02-01

47	2,342	236925 25	276875 41
papers	citations	h-index	g-index

47	47	47	1525
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The innovation level of engineering studentsâ€™ team projects in hybrid and MOOC environments. European Journal of Engineering Education, 2022, 47, 299-313.	2.3	9
2	Location-Based Learning and Its Effect on Studentsâ€™ Understanding of Newtonâ€™s Laws of Motion. Journal of Science Education and Technology, 2022, 31, 403-413.	3.9	3
3	A cultural perspective to project-based learning and the cultivation of innovative thinking. Thinking Skills and Creativity, 2021, 39, 100766.	3.5	30
4	The validity and reliability of a tool for measuring educational innovative thinking competencies. Teaching and Teacher Education, 2021, 97, 103193.	3.2	6
5	Applying a Social Constructivist Approach to an Online Course on Ethics of Research. Science and Engineering Ethics, 2021, 27, 8.	2.9	8
6	An integrative conceptual model of innovation and innovative thinking based on a synthesis of a literature review. Thinking Skills and Creativity, 2021, 40, 100824.	3.5	8
7	Online vs. on-campus higher education: Exploring innovation in students' self-reports and students' learning products. Thinking Skills and Creativity, 2021, 42, 100965.	3.5	15
8	Establishing the validity and reliability of a modified tool for assessing innovative thinking of engineering students. Assessment and Evaluation in Higher Education, 2020, 45, 212-223.	5.6	24
9	Team diversity as a predictor of innovation in team projects of face-to-face and online learners. Computers and Education, 2020, 144, 103702.	8.3	45
10	Novice Researchersâ€™ Views About Online Ethics Education and the Instructional Design Components that May Foster Ethical Practice. Science and Engineering Ethics, 2020, 26, 1403-1421.	2.9	13
11	Teacher's withdrawal behavior: examining the impact of principals' innovative behavior and climate of organizational learning. International Journal of Educational Management, 2020, 34, 1339-1355.	1.5	7
12	Innovation in a MOOC: Project-Based Learning in the International Context. , 2020, , 639-653.		6
13	The innovation profile of nanotechnology team projects of face-to-face and online learners. Computers and Education, 2019, 137, 1-11.	8.3	27
14	AugmentedWorld. , 2019, , 141-159.		2
15	AugmentedWorld: Facilitating the creation of location-based questions. Computers and Education, 2018, 121, 89-99.	8.3	13
16	Are digital natives open to change? Examining flexible thinking and resistance to change. Computers and Education, 2018, 121, 115-123.	8.3	82
17	Motivating factors of MOOC completers: Comparing between university-affiliated students and general participants. Internet and Higher Education, 2018, 37, 11-20.	6.5	116
18	Peer assessment in a project-based engineering course: comparing between on-campus and online learning environments. Assessment and Evaluation in Higher Education, 2018, 43, 745-759.	5.6	61

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19	Science Teacher Education in the Twenty-First Century: a Pedagogical Framework for Technology-Integrated Social Constructivism. Research in Science Education, 2017, 47, 283-303.	2.3	107
20	Cloud Pedagogy: Utilizing Web-Based Technologies for the Promotion of Social Constructivist Learning in Science Teacher Preparation Courses. Journal of Science Education and Technology, 2017, 26, 459-469.	3.9	20
21	Project-Based MOOC. Advances in Educational Technologies and Instructional Design Book Series, 2017, , 282-307.	0.2	6
22	Reflective Drawings as Means for Depicting ICTS Roles in Science and Engineering Learning in the 21st Century. , 2017, , 31-40.		2
23	On-campus or online: examining self-regulation and cognitive transfer skills in different learning settings. International Journal of Educational Technology in Higher Education, 2016, 13, .	7.6	53
24	Flexible thinking in learning: An individual differences measure for learning in technology-enhanced environments. Computers and Education, 2016, 99, 39-52.	8.3	72
25	A model of flexible thinking in contemporary education. Thinking Skills and Creativity, 2016, 22, 74-85.	3.5	29
26	Motivation to learn in massive open online courses: Examining aspects of language and social engagement. Computers and Education, 2016, 94, 49-60.	8.3	249
27	Closing the Gap Between Attitudes and Perceptions About ICT-Enhanced Learning Among Pre-service STEM Teachers. Journal of Science Education and Technology, 2014, 23, 1-14.	3.9	60
28	Studentsâ€™ Innovative Thinking and Their Perceptions About the Ideal Learning Environment. Springer Proceedings in Complexity, 2014, , 111-125.	0.3	9
29	Integrating Model-Based Learning and Animations for Enhancing Studentsâ€™ Understanding of Proteins Structure and Function. Research in Science Education, 2013, 43, 619-636.	2.3	37
30	Making the Unseen Seen: Integrating 3D Molecular Visualizations in Elementary, High School, and Higher Education. ACS Symposium Series, 2013, , 273-291.	0.5	7
31	Wandering: A Web-based platform for the creation of location-based interactive learning objects. Computers and Education, 2013, 62, 159-170.	8.3	67
32	Distance education: towards an organizational and cultural change in higher education. Journal of Enterprising Communities, 2012, 6, 124-137.	2.5	12
33	The use of visual semantic web for designing virtual expeditions. International Journal of Learning Technology, 2012, 7, 297.	0.2	0
34	Learning science via animated movies: Its effect on studentsâ€™ thinking and motivation. Computers and Education, 2011, 56, 839-846.	8.3	114
35	Science Education in Primary Schools: Is an Animation Worth a Thousand Pictures?. Journal of Science Education and Technology, 2011, 20, 608-620.	3.9	44
36	Enhancing Higher Order Thinking Skills Among Inservice Science Teachers Via Embedded Assessment. Journal of Science Teacher Education, 2009, 20, 459-474.	2.5	76

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37	MOSAICA: A web-2.0 based system for the preservation and presentation of cultural heritage. Computers and Education, 2009, 53, 841-852.	8.3	53
38	Studio-based learning via wireless notebooks: a case of a Java programming course. International Journal of Mobile Learning and Organisation, 2007, 1, 15.	0.3	27
39	Transition from traditional to ICT-enhanced learning environments in undergraduate chemistry courses. Computers and Education, 2007, 48, 30-43.	8.3	99
40	The "Chemistry Is in the News" Project: Can a Workshop Induce a Pedagogical Change?. Journal of Chemical Education, 2007, 84, 1712.	2.3	7
41	Transforming an Introductory Programming Course: From Lectures to Active Learning via Wireless Laptops. Journal of Science Education and Technology, 2007, 16, 325-336.	3.9	33
42	Wireless Laptops as Means For Promoting Active Learning In Large Lecture Halls. Journal of Research on Technology in Education, 2006, 38, 245-263.	6.5	167
43	Enhancing undergraduate students' chemistry understanding through project-based learning in an IT environment. Science Education, 2005, 89, 117-139.	3.0	203
44	On-line question-posing and peer-assessment as means for web-based knowledge sharing in learning. International Journal of Human Computer Studies, 2004, 61, 84-103.	5.6	134
45	QSIA â€“ a Web-based environment for learning, assessing and knowledge sharing in communities. Computers and Education, 2004, 43, 273-289.	8.3	80
46	A Web-Based Chemistry Course as a Means To Foster Freshmen Learning. Journal of Chemical Education, 2003, 80, 1084.	2.3	91
47	Lifelong Learning at the Technion: Graduate Studentsâ€™ Perceptions of and Experiences in Distance Learning. Interdisciplinary Journal of E-Skills and Lifelong Learning, 0, 8, 115-135.	0.0	9