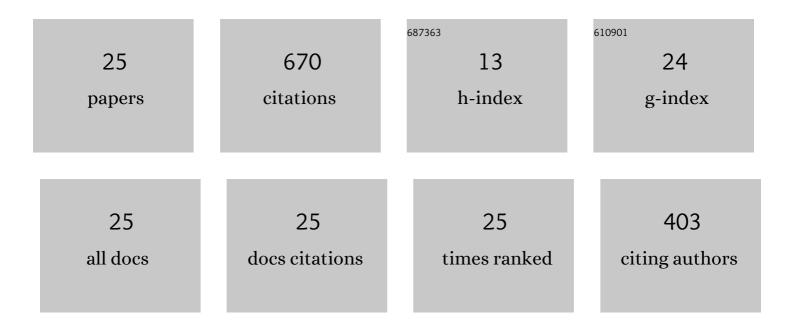
Michal Zion

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8531416/publications.pdf Version: 2024-02-01



ΜΙCHAL ΖΙΟΝ

#	Article	IF	CITATIONS
1	The development of dynamic inquiry performances within an open inquiry setting: A comparison to guided inquiry setting. Journal of Research in Science Teaching, 2009, 46, 1137-1160.	3.3	121
2	Which Type of Inquiry Project Do High School Biology Students Prefer: Open or Guided?. Research in Science Education, 2012, 42, 831-848.	2.3	73
3	The effects of metacognitive instruction embedded within an asynchronous learning network on scientific inquiry skills. International Journal of Science Education, 2005, 27, 957-983.	1.9	68
4	Curiosity and open inquiry learning. Journal of Biological Education, 2007, 41, 162-169.	1.5	66
5	The Spectrum of Dynamic Inquiry Teaching Practices. Research in Science Education, 2007, 37, 423-447.	2.3	62
6	The effect of explicit environmentally oriented metacognitive guidance and peer collaboration on students' expressions of environmental literacy. Journal of Research in Science Teaching, 2016, 53, 620-663.	3.3	30
7	It takes two to tango: In dynamic inquiry, the self-directed student acts in association with the facilitating teacher. Teaching and Teacher Education, 2005, 21, 875-894.	3.2	27
8	Peer Tutoring, Metacognitive Processes and Multimedia Problem-based Learning: The Effect of Mediation Training on Critical Thinking. Journal of Science Education and Technology, 2008, 17, 384-398.	3.9	27
9	Developing Students' Metacognitive Awareness in Asynchronous Learning Networks in Comparison to Face-to-Face Discussion Groups. Journal of Educational Computing Research, 2007, 36, 395-424.	5.5	24
10	Reading between the lines: The effect of contextual factors on student motivation throughout an open inquiry process. Science Education, 2018, 102, 820-855.	3.0	24
11	Biomind — A new biology curriculum that enables authentic inquiry learning. Journal of Biological Education, 2004, 38, 59-67.	1.5	22
12	The Effect of Individual and Social Metacognitive Support on Students' Metacognitive Performances in an Online Discussion. Journal of Educational Computing Research, 2015, 52, 50-87.	5.5	16
13	On line Forums as a `Rescue Net' in an Open Inquiry Process. International Journal of Science and Mathematics Education, 2008, 6, 351-375.	2.5	15
14	Yesterday's Students in Today's World—Open and Guided Inquiry Through the Eyes of Graduated High School Biology Students. Research in Science Education, 2020, 50, 123-149.	2.3	12
15	Supporting Teachers' Understanding of Nature of Science and Inquiry Through Personal Experience and Perception of Inquiry as a Dynamic Process. Research in Science Education, 2020, 50, 1281-1304.	2.3	12
16	Teachers' performances during a practical dynamic open inquiry process. Teachers and Teaching: Theory and Practice, 2013, 19, 695-716.	1.9	11
17	CONCEPTUAL UNDERSTANDING OF HOMEOSTASIS. International Journal of Biology Education, 2015, 4, .	0.3	10
18	Rising to the Challenge: The Effect of Individual and Social Metacognitive Scaffolds on Students' Expressions of Autonomy and Competence Throughout an Inquiry Process. Journal of Science Education and Technology, 2021, 30, 582-593.	3.9	9

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#	Article	IF	CITATIONS
19	Fostering Teachers' Reflections on the Dynamic Characteristics of Open Inquiry through Metacognitive Prompts. Journal of Science Teacher Education, 2019, 30, 763-787.	2.5	8
20	Contribution of an intergenerational sustainability leadership project to the development of students' environmental literacy. Environmental Education Research, 2021, 27, 1723-1758.	2.9	8
21	Tracking invasive birds: a programme for implementing dynamic open inquiry learning and conservation education. Journal of Biological Education, 2011, 45, 3-12.	1.5	7
22	UV radiation damage and bacterial DNA repair systems. Journal of Biological Education, 2006, 41, 30-33.	1.5	6
23	Effects of Aquatic Motor Intervention on Verbal Working Memory and Brain Activity—A Pilot Study. Mind, Brain, and Education, 2018, 12, 90-99.	1.9	6
24	Applying a system thinking learning approach to improve perception of homoeostasis - a fundamental principle of biology. Journal of Biological Education, 2021, 55, 341-367.	1.5	6
25	Inquiry practices and types of knowledge, with paths of logical associations between inquiry questions, presented as part of an open inquiry process. Journal of Biological Education, 2023, 57, 1062-1082	1.5	Ο