

# Pavlo D Antonenko

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1708186/publications.pdf>

Version: 2024-02-01

29  
papers

1,492  
citations

567281

15  
h-index

610901

24  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1265  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Electroencephalography to Measure Cognitive Load. Educational Psychology Review, 2010, 22, 425-438.	8.4	477
2	Effects of the flipped classroom instructional strategy on studentsâ€™ learning outcomes: a meta-analysis. Educational Technology Research and Development, 2019, 67, 793-824.	2.8	217
3	Instructor presence in instructional video: Effects on visual attention, recall, and perceived learning. Computers in Human Behavior, 2017, 71, 79-89.	8.5	142
4	The influence of leads on cognitive load and learning in a hypertext environment. Computers in Human Behavior, 2010, 26, 140-150.	8.5	104
5	Does visual attention to the instructor in online video affect learning and learner perceptions? An eye-tracking analysis. Computers and Education, 2020, 146, 103779.	8.3	89
6	Exploring Relationships Between Eye Tracking and Traditional Usability Testing Data. International Journal of Human-Computer Interaction, 2019, 35, 483-494.	4.8	53
7	<b>3-D FOSSILS FOR K&amp;#x2013;12 EDUCATION: A CASE EXAMPLE USING THE GIANT EXTINCT SHARK</b> <i>CARCHAROCLES MEGALODON</i> . The Paleontological Society Papers, 2016, 22, 197-209.	0.6	51
8	Exploring the influence of teachers' beliefs and 3D printing integrated STEM instruction on studentsâ€™ STEM motivation. Computers and Education, 2020, 158, 103983.	8.3	43
9	The instrumental value of conceptual frameworks in educational technology research. Educational Technology Research and Development, 2015, 63, 53-71.	2.8	39
10	Converging Subjective and Psychophysiological Measures of Cognitive Load to Study the Effects of Instructorâ€™ Present Video. Mind, Brain, and Education, 2020, 14, 279-291.	1.9	38
11	A framework for aligning needs, abilities and affordances to inform design and practice of educational technologies. British Journal of Educational Technology, 2017, 48, 916-927.	6.3	36
12	Exploring the evolution of two girlsâ€™ conceptions and practices in computational thinking in science. Computers and Education, 2020, 146, 103759.	8.3	35
13	Trends in the crowdfunding of educational technology startups. TechTrends, 2014, 58, 36-41.	2.3	33
14	Staying on target: A systematic literature review on learnerâ€™ facing learning analytics dashboards. British Journal of Educational Technology, 2021, 52, 1724-1748.	6.3	26
15	Predict or describe? How learning analytics dashboard design influences motivation and statistics anxiety in an online statistics course. Educational Technology Research and Development, 2021, 69, 1405-1431.	2.8	20
16	Commercial mindfulness aid does not aid short-term stress reduction compared to unassisted relaxation. Heliyon, 2019, 5, e01351.	3.2	16
17	Applications of 3D Paleontological Data at the Florida Museum of Natural History. Frontiers in Earth Science, 2020, 8, .	1.8	12
18	Implications of Neuroimaging for Educational Research. , 2014, , 51-63.		12

#	ARTICLE	IF	CITATIONS
19	On the Same Wavelength: Exploring Team Neurosynchrony in Undergraduate Dyads Solving a Cyberlearning Problem With Collaborative Scripts. <i>Mind, Brain, and Education</i> , 2019, 13, 4-13.	1.9	8
20	Educational Neuroscience: Exploring Cognitive Processes that Underlie Learning. <i>Educational Communications and Technology: Issues and Innovations</i> , 2019, , 27-46.	0.2	8
21	Predictors of portable technology adoption intentions to support elementary children reading. <i>Education and Information Technologies</i> , 2018, 23, 1971-1994.	5.7	7
22	Informal multimedia biodiversity awareness event as a digital ecology for promoting culture of science. <i>Education and Information Technologies</i> , 2020, 25, 3275-3297.	5.7	7
23	Using Personal Smart Tools in STEM Education. , 2020, , .		5
24	How Parent Perceptions Relate to Elementary Children's Portable Technology Use by Gender and Grade Level. <i>Computers in the Schools</i> , 2018, 35, 302-323.	1.0	4
25	Comparing Google Lens Recognition Accuracy with Other Plant Recognition Apps. , 2020, , .		4
26	The influence of the multimedia and modality principles on the learning outcomes, satisfaction, and mental effort of college students with and without dyslexia. <i>Annals of Dyslexia</i> , 2021, 71, 188-210.	1.7	3
27	Synchronization competencies provided by traditional educational system with real-life required competencies in conditions of digital sociality. , 2022, 2022, 169-181.		2
28	Instructor Presence, Visual Attention, and Learning in Educational Video: Content Difficulty Matters. <i>Journal of Vision</i> , 2017, 17, 891.	0.3	1
29	GEOAppS: Interactive numerical models of geomorphic processes and application in a post-secondary coastal processes course. <i>Journal of Geoscience Education</i> , 0, , 1-20.	1.4	0