

# Kinnari Atit

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3969797/publications.pdf>

Version: 2024-02-01

18  
papers

458  
citations

933447

10  
h-index

996975

15  
g-index

20  
all docs

20  
docs citations

20  
times ranked

242  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating Geoscience Students' Spatial Thinking Skills in a Multi-Institutional Classroom Study. <i>Journal of Geoscience Education</i> , 2014, 62, 146-154.	1.4	79
2	Twisting space: are rigid and non-rigid mental transformations separate spatial skills?. <i>Cognitive Processing</i> , 2013, 14, 163-173.	1.4	68
3	Comprehending 3D Diagrams: Sketching to Support Spatial Reasoning. <i>Topics in Cognitive Science</i> , 2017, 9, 883-901.	1.9	54
4	Student Gestures Aid Penetrative Thinking. <i>Journal of Geoscience Education</i> , 2015, 63, 66-72.	1.4	51
5	The Spatial Thinking Workbook: A Research-Validated Spatial Skills Curriculum for Geology Majors. <i>Journal of Geoscience Education</i> , 2017, 65, 423-434.	1.4	30
6	Situating space: using a discipline-focused lens to examine spatial thinking skills. <i>Cognitive Research: Principles and Implications</i> , 2020, 5, 19.	2.0	29
7	Examining the relations between spatial skills and mathematical performance: A meta-analysis. <i>Psychonomic Bulletin and Review</i> , 2022, 29, 699-720.	2.8	28
8	Learning to interpret topographic maps: Understanding layered spatial information. <i>Cognitive Research: Principles and Implications</i> , 2016, 1, 2.	2.0	24
9	Examining the role of spatial skills and mathematics motivation on middle school mathematics achievement. <i>International Journal of STEM Education</i> , 2020, 7, .	5.0	22
10	Teachers'™ spatial skills across disciplines and education levels: Exploring nationally representative data.. <i>Archives of Scientific Psychology</i> , 2018, 6, 130-137.	0.8	14
11	Examining the Relations Between Spatial Skills, Spatial Anxiety, and K&#12 Teacher Practice. <i>Mind, Brain, and Education</i> , 2021, 15, 139-148.	1.9	13
12	Training Spatial Skills in Geosciences. , 0, , 7-23.		10
13	Advancing multimedia learning for science: Comparing the effect of virtual versus physical models on student learning about stereochemistry. <i>Science Education</i> , 2021, 105, 1285-1314.	3.0	9
14	Validation of the Mathematics Motivation Questionnaire (MMQ) for secondary school students. <i>International Journal of STEM Education</i> , 2021, 8, .	5.0	9
15	Investigating Students'™ Learning Through Co-designing with Technology. <i>Journal of Science Education and Technology</i> , 2021, 30, 529-538.	3.9	8
16	Spatial Skills in Expert Structural Geologists. , 0, , 65-73.		7
17	From a virtual field trip to geologically reasoned decisions in Yosemite Valley. <i>Geoscience Communication</i> , 2022, 5, 17-28.	0.9	3
18	What makes online teaching spatial? Examining the connections between K-12 teachers'™ spatial skills, affect, and their use of spatial pedagogy during remote instruction. <i>Cognitive Research: Principles and Implications</i> , 2022, 7, 25.	2.0	0