Daniel P Shepardson

List of Publications by Year
in descending order

30	1,291	361413 20	477307 29
papers	citations	h-index	g-index

30	30	30	762
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Seventh grade students' conceptions of global warming and climate change. Environmental Education Research, 2009, 15, 549-570.	2.9	165
2	Students' mental models of the environment. Journal of Research in Science Teaching, 2007, 44, 327-348.	3.3	146
3	Studentsâ€™ conceptions about the greenhouse effect, global warming, and climate change. Climatic Change, 2011, 104, 481-507.	3.6	103
4	Conceptualizing climate change in the context of a climate system: implications for climate and environmental education. Environmental Education Research, 2012, 18, 323-352.	2.9	94
5	Third grade students' ideas about the lunar phases. Journal of Research in Science Teaching, 1999, 36, 159-177.	3.3	83
6	Bugs, butterflies, and spiders: Children's understandings about insects. International Journal of Science Education, 2002, 24, 627-643.	1.9	80
7	Seventh grade students' mental models of the greenhouse effect. Environmental Education Research, 2011, 17, 1-17.	2.9	70
8	Gender bias in female elementary teachers' perceptions of the scientific ability of students. Science Education, 1992, 76, 147-153.	3.0	63
9	Questioning levels of junior high school science textbooks and their implications for learning textual information. Science Education, 1991, 75, 673-682.	3.0	57
10	What is a watershed? Implications of student conceptions for environmental science education and the National Science Education Standards. Science Education, 2007, 91, 554-578.	3.0	49
11	Water Transformation and Storage in the Mountains and at the Coast: Midwest studentsâ€™ disconnected conceptions of the hydrologic cycle. International Journal of Science Education, 2009, 31, 1447-1471.	1.9	37
12	The inquiry level of junior high activities: Implications to science teaching. Journal of Research in Science Teaching, 1991, 28, 111-121.	3.3	36
13	The role of children's journals in elementary school science activities. Journal of Research in Science Teaching, 2001, 38, 43-69.	3.3	31
14	The nature of fourth graders' understandings of electric circuits. Science Education, 1994, 78, 489-514.	3.0	30
15	Social interactions and the mediation of science learning in two small groups of first-graders. Journal of Research in Science Teaching, 1996, 33, 159-178.	3.3	27
16	Of butterflies and beetles: First graders' ways of seeing and talking about insect life cycles. Journal of Research in Science Teaching, 1997, 34, 873-889.	3.3	27
17	The impact of a science demonstration on children's understandings of air pressure. Journal of Research in Science Teaching, 1994, 31, 243-258.	3.3	25
18	Learning science in a first grade science activity: A Vygotskian perspective. Science Education, 1999, 83, 621-638.	3.0	25

#	Article	IF	Citations
19	When the atmosphere warms it rains and ice melts: seventh grade studentsâ€™ conceptions of a climate system. Environmental Education Research, 2014, 20, 333-353.	2.9	25
20	Gender, Achievement, and Perception Toward Science Activities. School Science and Mathematics, 1994, 94, 188-193.	0.9	22
21	Zones of interaction: Differential access to elementary science discourse. Journal of Research in Science Teaching, 2006, 43, 443-466.	3.3	19
22	Evidence that an informal environmental summer camp can contribute to the construction of the conceptual understanding and situational interest of STEM in middle-school youth. International Journal of Science Education, Part B: Communication and Public Engagement, 2018, 8, 227-249.	1.5	17
23	Water Towers, Pump Houses, and Mountain Streams: Students' Ideas about Watersheds. Journal of Geoscience Education, 2005, 53, 381-384.	1.4	16
24	A comparison of the classroom dynamics of a problem-solving and traditional laboratory model of instruction using path analysis. Journal of Research in Science Teaching, 1992, 29, 243-258.	3.3	11
25	Using Q methodology to investigate undergraduate studentsâ€™ attitudes toward the geosciences. Science Education, 2018, 102, 195-214.	3.0	10
26	Envision: Teachers as Environmental Scientists. Journal of Environmental Education, 2003, 34, 8-11.	1.8	8
27	ENVISION: the effectiveness of a dualâ€level professional development model for changing teacher practice. Environmental Education Research, 2004, 10, 471-492.	2.9	8
28	Assessments as Teaching and Research Tools in an Environmental Problem-Solving Program for In-Service Teachers. Journal of Geoscience Education, 2002, 50, 64-71.	1.4	6
29	Studentsâ€™ Conceptions of and Feelings About Land Use: Building a Conceptual Framework for Teaching and Learning About Land Use. Journal of Geography, 2019, 118, 252-265.	1.5	1
30	Editorial team report to the NARST community. Journal of Research in Science Teaching, 1999, 36, 515-519.	3.3	0