

Dean Zollman

List of Publications by Year in descending order

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49
papers

570
citations

840776

11
h-index

642732

23
g-index

54
all docs

54
docs citations

54
times ranked

297
citing authors

#	ARTICLE	IF	CITATIONS
1	Context and Transfer: How Physics Education Research Informs Teaching and Learning. Challenges in Physics Education, 2021, , 137-147.	0.8	0
2	Determining Planck's constant with LEDs"what could possibly go wrong?. Physics Education, 2020, 55, 015011.	0.5	4
3	Oersted Lecture 2014: Physics education research and teaching modern Modern Physics. American Journal of Physics, 2016, 84, 573-580.	0.7	3
4	Apparatus for investigating resonance with application to magnetic resonance imaging. American Journal of Physics, 2015, 83, 942-947.	0.7	4
5	Photorefractive of the Eye. Physics Teacher, 2015, 53, 103-105.	0.3	4
6	Evidence of students' content reasoning in relation to measure of reform. , 2012, , .		0
7	REU Students' Initial Perceptions of Scientific Ethics. , 2010, , .		0
8	Teaching about the Physics of Medical Imaging. , 2010, , .		1
9	Method for analyzing students' utilization of prior physics learning in new contexts. Physical Review Physics Education Research, 2010, 6, .	1.7	4
10	Probing Students' Understanding of Resonance. , 2009, , .		1
11	Pinhole Glasses. Physics Teacher, 2008, 46, 26-28.	0.3	6
12	Impact of a Classroom Interaction System on Student Learning. AIP Conference Proceedings, 2007, , .	0.4	17
13	Use of Physical Models to Facilitate Transfer of Physics Learning to Understand Positron Emission Tomography. AIP Conference Proceedings, 2007, , .	0.4	0
14	Investigating Students' Ideas About X-rays While Developing Teaching Materials for a Medical Physics Course. AIP Conference Proceedings, 2007, , .	0.4	1
15	Investigating Students' Ideas about Wavefront Aberrometry. , 2007, , .		1
16	The New Studio format for instruction of introductory physics. American Journal of Physics, 2006, 74, 1077-1082.	0.7	24
17	Energy Mental Models: Mechanics through Electromagnetism. AIP Conference Proceedings, 2004, , .	0.4	0
18	The effect of distracters on student performance on the force concept inventory. American Journal of Physics, 2004, 72, 116-125.	0.7	41

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19	Students'™ understanding and perceptions of the content of a lecture. AIP Conference Proceedings, 2004, , .	0.4	4
20	Students' models of Newton's second law in mechanics and electromagnetism. European Journal of Physics, 2004, 25, 81-89.	0.6	35
21	Model analysis of fine structures of student models: An example with Newton's™ third law. American Journal of Physics, 2002, 70, 766-778.	0.7	76
22	Quantum mechanics for everyone: Hands-on activities integrated with technology. American Journal of Physics, 2002, 70, 252-259.	0.7	109
23	Collecting kinematics data over long time intervals. Physics Teacher, 2000, 38, 434-436.	0.3	3
24	Visualizing motion in potential wells. American Journal of Physics, 1998, 66, 57-63.	0.7	43
25	Web-based testing in physics education: Methods and opportunities. Computers in Physics, 1998, 12, 117.	0.5	27
26	Reusable Java components for physics education. Computers in Physics, 1998, 12, 314.	0.5	0
27	Simulating the spectra of light sources. Computers in Physics, 1998, 12, 28.	0.5	11
28	Web Activities in an Introductory Class. International Journal of Modern Physics C, 1997, 08, 97-105.	1.7	0
29	Interactive forms on the Web. Computers in Physics, 1997, 11, 17.	0.5	0
30	Posting Physics Documents on the Web. Computers in Physics, 1997, 11, 133.	0.5	2
31	Creating A Simple, Searchable Database on the Web. Computers in Physics, 1997, 11, 225.	0.5	1
32	Millikan Lecture 1995: Do they just sit there? Reflections on helping students learn physics. American Journal of Physics, 1996, 64, 114-119.	0.7	9
33	Influence of interactive videodisc instruction using simultaneous-time analysis on kinematics graphing skills of high school physics students. Journal of Research in Science Teaching, 1995, 32, 855-869.	3.3	33
34	Image Processing Enhances the Value of Digital Video in Physics Instruction. Computers in Physics, 1994, 8, 518.	0.5	4
35	Preparing future science teachers: the physics component of a new programme. Physics Education, 1994, 29, 271-275.	0.5	8
36	Computer-Video Method Evaluates Real Motion Data in Real Time for Students. Computers in Physics, 1993, 7, 393.	0.5	4

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37	The latent heat of fusion of a witch. <i>Physics Teacher</i> , 1992, 30, 448-448.	0.3	0
38	Learning cycles for a large enrollment class. <i>Physics Teacher</i> , 1990, 28, 20-25.	0.3	19
39	Modelling the Motion of an Athlete: An Interactive Video Lesson for Teaching Physics. <i>Journal of Educational Technology Systems</i> , 1987, 15, 249-258.	5.8	11
40	Computer games for projectile motion instruction. <i>Physics Teacher</i> , 1984, 22, 514-514.	0.3	5
41	A quantitative demonstration of relative velocities. <i>Physics Teacher</i> , 1981, 19, 44-44.	0.3	1
42	Meet your new AAPT president: Robert G. Fuller. <i>Physics Teacher</i> , 1980, 18, 98-98.	0.3	0
43	The Metric Film. <i>Physics Teacher</i> , 1978, 16, 333-334.	0.3	0
44	Physics labs for the blind. <i>Physics Teacher</i> , 1977, 15, 339-342.	0.3	10
45	The influence of structured versus unstructured laboratory on students' understanding the process of science. <i>Journal of Research in Science Teaching</i> , 1977, 14, 33-38.	3.3	31
46	The car, the beer can, and the brick wall. <i>Physics Teacher</i> , 1975, 13, 173-175.	0.3	0
47	Orientation for the new teaching assistant—A laboratory based program. <i>American Journal of Physics</i> , 1974, 42, 1062-1066.	0.7	6
48	The Physics Activities Center — A Mini-Exploratorium. <i>Physics Teacher</i> , 1974, 12, 213-216.	0.3	1
49	Pion Production and the Two-Nucleon Interaction. <i>Physical Review C</i> , 1970, 2, 2128-2134.	2.9	5