

John T Leach

List of Publications by Year in descending order

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39
papers

3,222
citations

318942

23
h-index

488211

31
g-index

45
all docs

45
docs citations

45
times ranked

1705
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence-Informed Practice in Science Education. , 2015, , 410-415.		0
2	Learning Demand. , 2015, , 588-590.		1
3	Ideas about the nature of science in pedagogically relevant contexts: Insights from a situated perspective of primary teachers' knowledge. Science Education, 2010, 94, 282-307.	1.8	24
4	Design Tools in Didactical Research: Instrumenting the Epistemological and Cognitive Aspects of the Design of Teaching Sequences. Educational Researcher, 2009, 38, 329-342.	3.3	116
5	The relationship of theory and practice in designing, implementing and evaluating teaching sequences: learning from examples that don't work. Education Et Didactique, 2009, , 133-155.	0.1	3
6	Teaching About the Epistemology of Science in Upper Secondary Schools: An Analysis of Teachers' Classroom Talk. Science and Education, 2008, 17, 289-315.	1.7	22
7	Research and practice in science education: a response to Traianou and Hammersley. Oxford Review of Education, 2008, 34, 483-488.	1.4	2
8	Using perspectives on subject learning to inform the design of subject teaching: an example from science education. Curriculum Journal, 2007, 18, 479-492.	1.0	25
9	Contested Territory: The Actual and Potential Impact of Research on Teaching and Learning Science on Students' Learning. , 2007, , 39-57.		3
10	Students' Ideas about Reaction Rate and its Relationship with Concentration or Pressure. International Journal of Science Education, 2006, 28, 1795-1815.	1.0	55
11	Discussion of Socio-scientific Issues: The role of science knowledge. International Journal of Science Education, 2006, 28, 1267-1287.	1.0	163
12	A Cross-Sectional Study of the Understanding of the Relationships Between Concentration and Reaction Rate among Turkish Secondary and Undergraduate Students. , 2005, , 483-497.		5
13	Teaching about the Epistemology of Science in School Science Classrooms: Case Studies of Teachers' Experiences. , 2005, , 283-293.		0
14	The design and evaluation of a teaching-learning sequence addressing the solubility concept with Turkish secondary school students. International Journal of Science Education, 2004, 26, 635-652.	1.0	24
15	Individual and Sociocultural Views of Learning in Science Education. Science and Education, 2003, 12, 91-113.	1.7	163
16	Designing and evaluating short teaching interventions about the epistemology of science in high school classrooms. Science Education, 2003, 87, 831-848.	1.8	60
17	The quantum atomic model 'Electronium': a successful teaching tool. Physics Education, 2002, 37, 204-210.	0.3	19
18	'Electronium': a quantum atomic teaching model. Physics Education, 2002, 37, 197-203.	0.3	31

#	ARTICLE	IF	CITATIONS
19	Designing and Evaluating Science Teaching Sequences: An Approach Drawing upon the Concept of Learning Demand and a Social Constructivist Perspective on Learning. <i>Studies in Science Education</i> , 2002, 38, 115-142.	3.4	197
20	The Role of Students' Epistemological Knowledge in the Process of Conceptual Change in Science. , 2002, , 201-216.		12
21	Images of Science Linked to Labwork: A Survey of Secondary School and University Students. <i>Research in Science Education</i> , 2001, 31, 499-523.	1.4	20
22	Chromosomes: the missing link " young people's understanding of mitosis, meiosis, and fertilisation. <i>Journal of Biological Education</i> , 2000, 34, 189-199.	0.8	92
23	All in the genes? " young people's understanding of the nature of genes. <i>Journal of Biological Education</i> , 2000, 34, 74-79.	0.8	118
24	Interpreting experimental data: the views of upper secondary school and university science students. <i>International Journal of Science Education</i> , 2000, 22, 1069-1084.	1.0	34
25	Epistemological understanding in science learning: the consistency of representations across contexts. <i>Learning and Instruction</i> , 2000, 10, 497-527.	1.9	100
26	What's in a cell? " young people's understanding of the genetic relationship between cells, within an individual. <i>Journal of Biological Education</i> , 2000, 34, 129-132.	0.8	67
27	Young people's understanding of the nature of genetic information in the cells of an organism. <i>Journal of Biological Education</i> , 2000, 35, 29-36.	0.8	68
28	University science students' experiences of investigative project work and their images of science. <i>International Journal of Science Education</i> , 1999, 21, 945-956.	1.0	95
29	Undergraduate science students' images of science. <i>Journal of Research in Science Teaching</i> , 1999, 36, 201-219.	2.0	210
30	Students' understanding of the co-ordination of theory and evidence in science. <i>International Journal of Science Education</i> , 1999, 21, 789-806.	1.0	36
31	Editor's note: Enduring scholarship and dialogue. <i>Journal of Research in Science Teaching</i> , 1998, 35, 1-2.	2.0	0
32	A study of progression in learning about "the nature of science": issues of conceptualisation and methodology. <i>International Journal of Science Education</i> , 1997, 19, 147-166.	1.0	40
33	Children's ideas about ecology 2: ideas found in children aged 5-16 about the cycling of matter. <i>International Journal of Science Education</i> , 1996, 18, 19-34.	1.0	111
34	Learning what it means to be a biochemist: case study of a tutorial on glycolysis. <i>Biochemical Education</i> , 1996, 24, 21-25.	0.1	7
35	Children's ideas about ecology 3: ideas found in children aged 5-16 about the interdependency of organisms. <i>International Journal of Science Education</i> , 1996, 18, 129-141.	1.0	79
36	Children's ideas about ecology 1: theoretical background, design and methodology. <i>International Journal of Science Education</i> , 1995, 17, 721-732.	1.0	53

#	ARTICLE	IF	CITATIONS
37	Young People's understanding of science concepts: implications of cross-age studies for curriculum planning. <i>Studies in Science Education</i> , 1994, 24, 75-100.	3.4	83
38	Constructing Scientific Knowledge in the Classroom. <i>Educational Researcher</i> , 1994, 23, 5-12.	3.3	1,043
39	Improving Subject Teaching. , 0, , .		35