

Příloha I








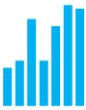
Seznam nejvíce citovaných článků v letech 1998-2012

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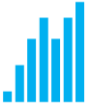

Vyhledávací kritéria:

TOPIC: ("science education") AND **LANGUAGE:** (English) AND **DOCUMENT TYPES:** (Article)

Timespan=1998-2012. Indexes=SCI-EXPANDED, SSCI, A&HCI.

Název	Časopis	Rok	Počet citací		
			celkový	průměrný za rok	rozložení v letech 1998-2012
Interactive-engagement versus traditional methods: A six-thousand-student survey of mechanics test data for introductory physics courses	AMERICAN JOURNAL OF PHYSICS	1998	664	39,06	
Establishing the norms of scientific argumentation in classrooms	SCIENCE EDUCATION	2000	373	24,87	
The laboratory in science education: Foundations for the twenty-first century	SCIENCE EDUCATION	2004	238	21,64	
Views of nature of science questionnaire: Toward valid and meaningful assessment of learners' conceptions of nature of science	JOURNAL OF RESEARCH IN SCIENCE TEACHING	2002	242	18,62	
The effectiveness of problem-based learning supported with computer simulations on academic performance about buoyancy	ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART B-SOCIAL AND EDUCATIONAL STUDIES	2011	73	18,25	
Epistemologically authentic inquiry in schools: A theoretical framework for evaluating inquiry tasks	SCIENCE EDUCATION	2002	222	17,08	
Fostering students' knowledge and argumentation skills through dilemmas in human genetics	JOURNAL OF RESEARCH IN SCIENCE TEACHING	2002	219	16,85	
TAPping into argumentation: Developments in the application of Toulmin's argument pattern for studying science discourse	SCIENCE EDUCATION	2004	178	16,18	

Teaching science process skills in kindergarten	ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART B-SOCIAL AND EDUCATIONAL STUDIES	2011	59	14,75	
Research of efficacy of web supported science and technology material developed with respect to constructivist approach	ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART B-SOCIAL AND EDUCATIONAL STUDIES	2011	56	14	
How literacy in its fundamental sense is central to scientific literacy	SCIENCE EDUCATION	2003	166	13,83	
Informal reasoning regarding socioscientific issues: A critical review of research	JOURNAL OF RESEARCH IN SCIENCE TEACHING	2004	151	13,73	
Retrieval Practice Produces More Learning than Elaborative Studying with Concept Mapping	SCIENCE	2011	54	13,5	
Science faculty's subtle gender biases favor male students	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2012	40	13,33	
Where's the evidence that active learning works?	ADVANCES IN PHYSIOLOGY EDUCATION	2006	111	12,33	
Arguing to Learn in Science: The Role of Collaborative, Critical Discourse	SCIENCE	2010	60	12	
What ideas-about-science" should be taught in school science? - A Delphi study of the expert community"	JOURNAL OF RESEARCH IN SCIENCE TEACHING	2003	143	11,92	
Explanation-driven inquiry: Integrating conceptual and epistemic scaffolds for scientific inquiry	SCIENCE EDUCATION	2004	131	11,91	
Citizen Science: A Developing Tool for Expanding Science Knowledge and Scientific Literacy	BIOSCIENCE	2009	71	11,83	
Remediating science student teachers' misconceptions of force and motion using worksheets based on constructivist learning theory	ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART B-SOCIAL AND EDUCATIONAL STUDIES	2011	46	11,5	
Inquiry-Based Science Instruction-What Is It and Does It Matter? Results from a Research Synthesis Years 1984 to 2002	JOURNAL OF RESEARCH IN SCIENCE TEACHING	2010	56	11,2	
Policy implementation and cognition: Reframing and refocusing implementation research	REVIEW OF EDUCATIONAL RESEARCH	2002	144	11,08	
A thematic review of 'energy' teaching studies: focuses, needs, methods, general knowledge claims and implications	ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART B-SOCIAL AND EDUCATIONAL STUDIES	2009	64	10,67	

When static media promote active learning: Annotated illustrations versus narrated animations in multimedia instruction	JOURNAL OF EXPERIMENTAL PSYCHOLOGY-APPLIED	2005	104	10,4	
Understanding students' practical epistemologies and their influence on learning through inquiry	SCIENCE EDUCATION	2005	101	10,1	
Articulating communities: Sociocultural perspectives on science education	JOURNAL OF RESEARCH IN SCIENCE TEACHING	2001	141	10,07	