Cesar Delgado

List of Publications by Year
in descending order

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23 papers	542 citations	1163117 8 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	491 citing authors

#	Article	IF	Citations
1	Interdisciplinary Science Assessment of Carbon Cycling: Construct Validity Evidence Based on Internal Structure. Research in Science Education, 2022, 52, 473-492.	2.3	2
2	Toward Interdisciplinary Learning: Development and Validation of an Assessment for Interdisciplinary Understanding of Global Carbon Cycling. Research in Science Education, 2021, 51, 1197-1221.	2.3	7
3	A closer look at US schools: What characteristics are associated with scientific literacy? A multivariate multilevel analysis using PISA 2015. Science Education, 2021, 105, 406-437.	3.0	12
4	A taxonomy of cognitive image functions for science curriculum materials: identifying and creating â€˜performativeâ€™ visual displays. International Journal of Science Education, 2021, 43, 314-343.	1.9	9
5	Crossing cultural borders: results of an intervention on community college biology studentsâ€™ understanding and acceptance of evolution. International Journal of Science Education, 2021, 43, 469-496.	1.9	10
6	Developing a Model of Graduate Teaching Assistant Teacher Efficacy: How Do High and Low Teacher Efficacy Teaching Assistants Compare?. CBE Life Sciences Education, 2021, 20, ar2.	2.3	7
7	Elucidating High School Biology Teachersâ€™ Knowledge of Studentsâ€™ Conceptions Regarding Natural Selection. International Journal of Science and Mathematics Education, 2020, 18, 1041-1061.	2.5	4
8	A Hypothetical Learning Progression for Quantifying Phenomena in Science. Science and Education, 2019, 28, 1181-1208.	2.7	9
9	Assessing students' disciplinary and interdisciplinary understanding of global carbon cycling. Journal of Research in Science Teaching, 2018, 55, 377-398.	3.3	26
10	The Evolution of a Partnership. Science Scope (Washington, D C), 2018, 041, .	0.1	0
11	Scale and the evolutionarily based approximate number system: an exploratory study. International Journal of Science Education, 2017, 39, 1008-1024.	1.9	2
12	Exploring the relationship between secondary science teachersâ€™ subject matter knowledge and knowledge of student conceptions while teaching evolution by natural selection. Journal of Research in Science Teaching, 2017, 54, 219-246.	3.3	17
13	Scale construction for graphing: An investigation of students' resources. Journal of Research in Science Teaching, 2015, 52, 633-658.	3.3	8
14	A middle school instructional unit for size and scale contextualized in nanotechnology. Nanotechnology Reviews, 2015, 4, .	5.8	16
15	Navigating Tensions Between Conceptual and Metaconceptual Goals in the Use of Models. Journal of Science Education and Technology, 2015, 24, 132-147.	3.9	5
16	An Integrative Framework for the Analysis of Multiple and Multimodal Representations for Meaningâ€Making in Science Education. Science Education, 2014, 98, 305-326.	3.0	120
17	Collective landmarks for deep time: a new tool for evolution education. Journal of Biological Education, 2014, 48, 133-141.	1.5	4
18	Toward an Interdisciplinary Science Curriculum: Analysis of the Connections across Science Learning Progressions. International Journal for Cross-Disciplinary Subjects in Education, 2014, 4, 1854-1862.	0.1	1

#	Article	IF	Citations
19	Cross-cultural Study of Understanding of Scale and Measurement: Does the everyday use of US customary units disadvantage US students?. International Journal of Science Education, 2013, 35, 1277-1298.	1.9	8
20	Navigating Deep Time: Landmarks for Time From the Big Bang to the Present. Journal of Geoscience Education, 2013, 61, 103-112.	1.4	10
21	Spatial thinking and dimensionality. , 2012, , .		1
22	Developing a hypothetical multiâ€dimensional learning progression for the nature of matter. Journal of Research in Science Teaching, 2010, 47, 687-715.	3.3	189
23	Investigating teacher learning supports in high school biology curricular programs to inform the design of educative curriculum materials. Journal of Research in Science Teaching, 2009, 46, 977-998.	3.3	75