

Ryan D Sweeder

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

436
citations

687363

13
h-index

752698

20
g-index

29
all docs

29
docs citations

29
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	C ^α -H Activation of Ethers and Alkanes by Germylene ^π -Aryl Halide Complexes. <i>Journal of the American Chemical Society</i> , 2003, 125, 8986-8987.	13.7	61
2	Promoting interdisciplinarity through climate change education. <i>Nature Climate Change</i> , 2013, 3, 713-716.	18.8	51
3	Design and Implementation of a Studio-Based General Chemistry Course. <i>Journal of Chemical Education</i> , 2007, 84, 265.	2.3	35
4	Analysis of Student Performance in Large-Enrollment Life Science Courses. <i>CBE Life Sciences Education</i> , 2012, 11, 386-391.	2.3	28
5	Characterizing college science instruction: The Three-Dimensional Learning Observation Protocol. <i>PLoS ONE</i> , 2020, 15, e0234640.	2.5	25
6	Ligand and Anion Effects on the Morphology of Aqueous Substructures Entrained within One-Dimensional [CuL ₄ X] Coordination Polymer Matrices (L = 2,4 ^π -Bipyridine, 4-Phenylpyridine; X =) <i>J. Polym. Sci. Part B: Polym. Phys.</i> , 2010, 48, 1000-1007.	0.0	21
7	Gender performance differences in biochemistry. <i>Biochemistry and Molecular Biology Education</i> , 2010, 38, 380-384.	1.2	24
8	Photochemistry of Transition Metal Germylenes and Metallacycles. <i>Organometallics</i> , 2000, 19, 1186-1189.	2.3	23
9	Quick, Efficient Conversion of Phenones to Conjugated Trienes via Germylene Cycloaddition. <i>Organometallics</i> , 2002, 21, 457-459.	2.3	20
10	Synthesis and Characterization of Hydrogen-Bonded Assemblies of W ₆ S ₈ L ₆ Clusters. <i>Inorganic Chemistry</i> , 2005, 44, 2287-2296.	4.0	18
11	Use of Simulations and Screencasts to Increase Student Understanding of Energy Concepts in Bonding. <i>Journal of Chemical Education</i> , 2021, 98, 730-744.	2.3	17
12	Germylene Reactions with Quinones Shed Light on Germylene Phenone Equilibria. <i>Organometallics</i> , 2003, 22, 3222-3229.	2.3	14
13	Students ^â ™ Independent Use of Screencasts and Simulations to Construct Understanding of Solubility Concepts. <i>Journal of Science Education and Technology</i> , 2017, 26, 359-371.	3.9	13
14	Supporting students ^â ™ conceptual understanding of kinetics using screencasts and simulations outside of the classroom. <i>Chemistry Education Research and Practice</i> , 2019, 20, 685-698.	2.5	13
15	Exploring Two Reactions of Ketones with Ge[CH(SiMe ₃) ₂] ₂ : ^π CH and OH Insertion. <i>Organometallics</i> , 2003, 22, 5054-5062.	2.3	12
16	Improving conceptual understanding of gas behavior through the use of screencasts and simulations. <i>International Journal of STEM Education</i> , 2021, 8, .	5.0	9
17	Invisible Ink Revealed: Concept, Context, and Chemical Principles of ^π Cold War ^â ™ Writing. <i>Journal of Chemical Education</i> , 2012, 89, 529-532.	2.3	8
18	A Comprehensive General Chemistry Demonstration. <i>Journal of Chemical Education</i> , 2013, 90, 96-98.	2.3	8

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19	Verbal Final Exam in Introductory Biology Yields Gains in Student Content Knowledge and Longitudinal Performance. <i>CBE Life Sciences Education</i> , 2013, 12, 515-529.	2.3	8
20	Germylene-Induced Hydrogenation of Benzophenone. <i>Organometallics</i> , 2003, 22, 4613-4615.	2.3	7
21	Using Text Messages To Encourage Meaningful Self-Assessment Outside of the Classroom. <i>Journal of Chemical Education</i> , 2018, 95, 2148-2154.	2.3	5
22	Supporting the Growth and Impact of the Chemistry-Education-Research Community. <i>Journal of Chemical Education</i> , 2019, 96, 393-397.	2.3	5
23	ChemSims: using simulations and screencasts to help students develop particle-level understanding of equilibrium in an online environment before and during COVID. <i>Chemistry Education Research and Practice</i> , 2022, 23, 644-661.	2.5	4
24	Formative assessments using text messages to develop students'™ ability to provide causal reasoning in general chemistry. <i>Canadian Journal of Chemistry</i> , 2020, 98, 15-23.	1.1	2
25	Bringing Relationships Alive through Interdisciplinary Discourse (BRAID). <i>International Journal of Pedagogy and Curriculum</i> , 2013, 19, 133-144.	0.1	2
26	Updating the Two Cultures: How Structures Can Promote Interdisciplinary Cultures. <i>Change</i> , 2016, 48, 28-35.	0.5	0
27	Using Online Grading to Stagger Midterm Exam Feedback and Create Space for Meaningful Student Reflection. <i>College Teaching</i> , 2020, 68, 60-61.	0.6	0
28	Supporting Undergraduate Students in Earning a STEM Degree. <i>International Journal of Learning in Higher Education</i> , 2013, 19, 83-90.	0.3	0
29	Supporting Undergraduate Students in Earning a STEM Degree. <i>International Journal of Learning in Higher Education</i> , 2013, 19, 83-90.	0.3	0