Ryan D Sweeder

List of Publications by Year
in descending order

29	436	687363 13	752698 20
papers	citations	h-index	g-index

29	29	29	488
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ChemSims: using simulations and screencasts to help students develop particle-level understanding of equilibrium in an online environment before and during COVID. Chemistry Education Research and Practice, 2022, 23, 644-661.	2.5	4
2	Improving conceptual understanding of gas behavior through the use of screencasts and simulations. International Journal of STEM Education, 2021, 8, .	5.0	9
3	Use of Simulations and Screencasts to Increase Student Understanding of Energy Concepts in Bonding. Journal of Chemical Education, 2021, 98, 730-744.	2.3	17
4	Formative assessments using text messages to develop studentsâ€™ ability to provide causal reasoning in general chemistry. Canadian Journal of Chemistry, 2020, 98, 15-23.	1.1	2
5	Characterizing college science instruction: The Three-Dimensional Learning Observation Protocol. PLoS ONE, 2020, 15, e0234640.	2.5	25
6	Using Online Grading to Stagger Midterm Exam Feedback and Create Space for Meaningful Student Reflection. College Teaching, 2020, 68, 60-61.	0.6	0
7	Supporting studentsâ€™ conceptual understanding of kinetics using screencasts and simulations outside of the classroom. Chemistry Education Research and Practice, 2019, 20, 685-698.	2.5	13
8	Supporting the Growth and Impact of the Chemistry-Education-Research Community. Journal of Chemical Education, 2019, 96, 393-397.	2.3	5
9	Using Text Messages To Encourage Meaningful Self-Assessment Outside of the Classroom. Journal of Chemical Education, 2018, 95, 2148-2154.	2.3	5
10	Studentsâ€™ Independent Use of Screencasts and Simulations to Construct Understanding of Solubility Concepts. Journal of Science Education and Technology, 2017, 26, 359-371.	3.9	13
11	Updating the Two Cultures: How Structures Can Promote Interdisciplinary Cultures. Change, 2016, 48, 28-35.	0.5	0
12	A Comprehensive General Chemistry Demonstration. Journal of Chemical Education, 2013, 90, 96-98.	2.3	8
13	Verbal Final Exam in Introductory Biology Yields Gains in Student Content Knowledge and Longitudinal Performance. CBE Life Sciences Education, 2013, 12, 515-529.	2.3	8
14	Promoting interdisciplinarity through climate change education. Nature Climate Change, 2013, 3, 713-716.	18.8	51
15	Bringing Relationships Alive through Interdisciplinary Discourse (BRAID). International Journal of Pedagogy and Curriculum, 2013, 19, 133-144.	0.1	2
16	Supporting Undergraduate Students in Earning a STEM Degree. International Journal of Learning in Higher Education, 2013, 19, 83-90.	0.3	0
17	Supporting Undergraduate Students in Earning a STEM Degree. International Journal of Learning in Higher Education, 2013, 19, 83-90.	0.3	0
18	Analysis of Student Performance in Large-Enrollment Life Science Courses. CBE Life Sciences Education, 2012, 11, 386-391.	2.3	28

#	Article	IF	Citations
19	Invisible Ink Revealed: Concept, Context, and Chemical Principles of â€œCold Warâ€•Writing. Journal of Chemical Education, 2012, 89, 529-532.	2.3	8
20	Gender performance differences in biochemistry. Biochemistry and Molecular Biology Education, 2010, 38, 380-384.	1.2	24
21	Design and Implementation of a Studio-Based General Chemistry Course. Journal of Chemical Education, 2007, 84, 265.	2.3	35
22	Ligand and Anion Effects on the Morphology of Aqueous Substructures Entrained within One-Dimensional [CuL4X] Coordination Polymer Matrices (L = 2,4â€˜-Bipyridine, 4-Phenylpyridine; X =) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.0	24
23	Synthesis and Characterization of Hydrogen-Bonded Assemblies of W6S8L6 Clusters. Inorganic Chemistry, 2005, 44, 2287-2296.	4.0	18
24	Exploring Two Reactions of Ketones with Ge[CH(SiMe3)2]2:Â CH and OH Insertion. Organometallics, 2003, 22, 5054-5062.	2.3	12
25	Câ”H Activation of Ethers and Alkanes by Germyleneâ”Aryl Halide Complexes. Journal of the American Chemical Society, 2003, 125, 8986-8987.	13.7	61
26	Germylene Reactions with Quinones Shed Light on Germylene Phenone Equilibria. Organometallics, 2003, 22, 3222-3229.	2.3	14
27	Germylene-Induced Hydrogenation of Benzophenone. Organometallics, 2003, 22, 4613-4615.	2.3	7
28	Quick, Efficient Conversion of Phenones to Conjugated Trienes via Germylene Cycloaddition. Organometallics, 2002, 21, 457-459.	2.3	20
29	Photochemistry of Transition Metal Germylenes and Metallacycles. Organometallics, 2000, 19, 1186-1189.	2.3	23