

Glenn Adam Hurst

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

269
citations

13
h-index

15
g-index

24
ext. papers

363
ext. citations

2.9
avg, IF

4.31
L-index

#	Paper	IF	Citations
22	Faculty perspectives regarding the integration of systems thinking into chemistry education. <i>Chemistry Education Research and Practice</i> , 2021 , 22, 855-865	2.1	1
21	Green Tycoon: A Mobile Application Game to Introduce Biorefining Principles in Green Chemistry. <i>Journal of Chemical Education</i> , 2020 , 97, 2014-2019	2.4	7
20	Valorization of Sour Milk to Form Bioplastics: Friend or Foe?. <i>Journal of Chemical Education</i> , 2020 , 97, 1073-1076	2.4	7
19	Systems thinking approaches for international green chemistry education. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2020 , 21, 93-97	7.9	14
18	Making Every Second Count—Utilizing TikTok and Systems Thinking to Facilitate Scientific Public Engagement and Contextualization of Chemistry at Home. <i>Journal of Chemical Education</i> , 2020 , 97, 3858-3866	2.4	14
17	Organic Fanatic: A Quiz-Based Mobile Application Game to Support Learning the Structure and Reactivity of Organic Compounds. <i>Journal of Chemical Education</i> , 2020 , 97, 2314-2318	2.4	6
16	Online Group Work with a Large Cohort: Challenges and New Benefits. <i>Journal of Chemical Education</i> , 2020 , 97, 2706-2710	2.4	4
15	Green Machine: A Card Game Introducing Students to Systems Thinking in Green Chemistry by Strategizing the Creation of a Recycling Plant. <i>Journal of Chemical Education</i> , 2019 , 96, 3006-3013	2.4	16
14	Chemical Bioconjugation of Proteins in an Undergraduate Lab: One-Pot Oxidation and Derivatization of the N-Terminus. <i>Journal of Chemical Education</i> , 2019 , 96, 1245-1249	2.4	1
13	Valorization of Waste Orange Peel to Produce Shear-Thinning Gels. <i>Journal of Chemical Education</i> , 2019 , 96, 3025-3029	2.4	19
12	Industry-Informed Workshops to Develop Graduate Skill Sets in the Circular Economy Using Systems Thinking. <i>Journal of Chemical Education</i> , 2019 , 96, 2959-2967	2.4	7
11	The green formula for international chemistry education 2019 , 205-228		1
10	International Perspectives on Green and Sustainable Chemistry Education via Systems Thinking. <i>Journal of Chemical Education</i> , 2019 , 96, 2794-2804	2.4	14
9	Facilitating active learning within green chemistry. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2018 , 13, 56-60	7.9	15
8	Utilizing Snapchat To Facilitate Engagement with and Contextualization of Undergraduate Chemistry. <i>Journal of Chemical Education</i> , 2018 , 95, 1875-1880	2.4	16
7	Using Greener Gels To Explore Rheology. <i>Journal of Chemical Education</i> , 2017 , 94, 500-504	2.4	15
6	Green and Smart: Hydrogels To Facilitate Independent Practical Learning. <i>Journal of Chemical Education</i> , 2017 , 94, 1766-1771	2.4	18

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| 5 | The Rheological Properties of Poly(vinyl alcohol) Gels from Rotational Viscometry. <i>Journal of Chemical Education</i> , 2015 , 92, 940-945 | 2.4 | 18 |
| 4 | Genipin Cross-Linked Chitosan-Polyvinylpyrrolidone Hydrogels: Influence of Composition and Postsynthesis Treatment on pH Responsive Behaviour. <i>Advances in Materials Science and Engineering</i> , 2015 , 2015, 1-10 | 1.5 | 18 |
| 3 | A facile in situ morphological characterization of smart genipin-crosslinked chitosan/poly(vinyl pyrrolidone) hydrogels. <i>Journal of Materials Research</i> , 2013 , 28, 2401-2408 | 2.5 | 16 |
| 2 | Electroless deposition of multi-functional zinc oxide surfaces displaying photoconductive, superhydrophobic, photowetting, and antibacterial properties. <i>Journal of Materials Chemistry</i> , 2012 , 22, 3859 | | 31 |
| 1 | Using electron induced dissociation (EID) on an LC time-scale to characterize a mixture of analogous small organic molecules. <i>Journal of the American Society for Mass Spectrometry</i> , 2012 , 23, 850-855 | | 9 |