Glenn Adam Hurst

List of Publications by Citations

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	Electroless deposition of multi-functional zinc oxide surfaces displaying photoconductive, superhydrophobic, photowetting, and antibacterial properties. *Journal of Materials Chemistry*, **2012**, 22, 3859		31
21	Valorization of Waste Orange Peel to Produce Shear-Thinning Gels. *Journal of Chemical Education*, **2019**, 96, 3025-3029	2.4	19
20	The Rheological Properties of Poly(vinyl alcohol) Gels from Rotational Viscometry. *Journal of Chemical Education*, **2015**, 92, 940-945	2.4	18
19	Green and Smart: Hydrogels To Facilitate Independent Practical Learning. *Journal of Chemical Education*, **2017**, 94, 1766-1771	2.4	18
18	Genipin Cross-Linked Chitosan-Polyvinylpyrrolidone Hydrogels: Influence of Composition and Postsynthesis Treatment on pH Responsive Behaviour. *Advances in Materials Science and Engineering*, **2015**, 2015, 1-10	1.5	18
17	Green Machine: A Card Game Introducing Students to Systems Thinking in Green Chemistry by Strategizing the Creation of a Recycling Plant. *Journal of Chemical Education*, **2019**, 96, 3006-3013	2.4	16
16	Utilizing Snapchat To Facilitate Engagement with and Contextualization of Undergraduate Chemistry. *Journal of Chemical Education*, **2018**, 95, 1875-1880	2.4	16
15	A facile in situ morphological characterization of smart genipin-crosslinked chitosan–poly(vinyl pyrrolidone) hydrogels. *Journal of Materials Research*, **2013**, 28, 2401-2408	2.5	16
14	Using Greener Gels To Explore Rheology. *Journal of Chemical Education*, **2017**, 94, 500-504	2.4	15
13	Facilitating active learning within green chemistry. *Current Opinion in Green and Sustainable Chemistry*, **2018**, 13, 56-60	7.9	15
12	Systems thinking approaches for international green chemistry education. *Current Opinion in Green and Sustainable Chemistry*, **2020**, 21, 93-97	7.9	14
11	Making Every Second Count—Utilizing TikTok and Systems Thinking to Facilitate Scientific Public Engagement and Contextualization of Chemistry at Home. *Journal of Chemical Education*, **2020**, 97, 3858-3866	2.4	14
10	International Perspectives on Green and Sustainable Chemistry Education via Systems Thinking. *Journal of Chemical Education*, **2019**, 96, 2794-2804	2.4	14
9	Using electron induced dissociation (EID) on an LC time-scale to characterize a mixture of analogous small organic molecules. *Journal of the American Society for Mass Spectrometry*, **2012**, 23, 850-7	3.5	9
8	Green Tycoon: A Mobile Application Game to Introduce Biorefining Principles in Green Chemistry. *Journal of Chemical Education*, **2020**, 97, 2014-2019	2.4	7
7	Valorization of Sour Milk to Form Bioplastics: Friend or Foe?. *Journal of Chemical Education*, **2020**, 97, 1073-1076	2.4	7
6	Industry-Informed Workshops to Develop Graduate Skill Sets in the Circular Economy Using Systems Thinking. *Journal of Chemical Education*, **2019**, 96, 2959-2967	2.4	7

5	Organic Fanatic: A Quiz-Based Mobile Application Game to Support Learning the Structure and Reactivity of Organic Compounds. *Journal of Chemical Education*, **2020**, 97, 2314-2318	2.4	6
4	Online Group Work with a Large Cohort: Challenges and New Benefits. *Journal of Chemical Education*, **2020**, 97, 2706-2710	2.4	4
3	Chemical Bioconjugation of Proteins in an Undergraduate Lab: One-Pot Oxidation and Derivatization of the N-Terminus. *Journal of Chemical Education*, **2019**, 96, 1245-1249	2.4	1
2	The green formula for international chemistry education **2019**, 205-228		1
1	Faculty perspectives regarding the integration of systems thinking into chemistry education. *Chemistry Education Research and Practice*, **2021**, 22, 855-865	2.1	1