

# Glenn Adam Hurst

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2771256/publications.pdf>

Version: 2024-02-01

23  
papers

448  
citations

566801

15  
h-index

713013

21  
g-index

24  
all docs

24  
docs citations

24  
times ranked

460  
citing authors

#	ARTICLE	IF	CITATIONS
1	“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.	1.1	56
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.	6.7	35
3	Systems thinking approaches for international green chemistry education. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2020, 21, 93-97.	3.2	33
4	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.	1.1	28
5	Valorization of Waste Orange Peel to Produce Shear-Thinning Gels. <i>Journal of Chemical Education</i> , 2019, 96, 3025-3029.	1.1	27
6	The Rheological Properties of Poly(vinyl alcohol) Gels from Rotational Viscometry. <i>Journal of Chemical Education</i> , 2015, 92, 940-945.	1.1	24
7	Utilizing Snapchat To Facilitate Engagement with and Contextualization of Undergraduate Chemistry. <i>Journal of Chemical Education</i> , 2018, 95, 1875-1880.	1.1	24
8	International Perspectives on Green and Sustainable Chemistry Education via Systems Thinking. <i>Journal of Chemical Education</i> , 2019, 96, 2794-2804.	1.1	24
9	Green and Smart: Hydrogels To Facilitate Independent Practical Learning. <i>Journal of Chemical Education</i> , 2017, 94, 1766-1771.	1.1	22
10	Valorization of Sour Milk to Form Bioplastics: Friend or Foe?. <i>Journal of Chemical Education</i> , 2020, 97, 1073-1076.	1.1	21
11	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.	1.0	20
12	Facilitating active learning within green chemistry. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2018, 13, 56-60.	3.2	20
13	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.	1.1	18
14	A facile in situ morphological characterization of smart genipin-crosslinked chitosan-poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	17
15	Using Greener Gels To Explore Rheology. <i>Journal of Chemical Education</i> , 2017, 94, 500-504.	1.1	17
16	Faculty perspectives regarding the integration of systems thinking into chemistry education. <i>Chemistry Education Research and Practice</i> , 2021, 22, 855-865.	1.4	14
17	Green Tycoon: A Mobile Application Game to Introduce Biorefining Principles in Green Chemistry. <i>Journal of Chemical Education</i> , 2020, 97, 2014-2019.	1.1	13
18	Online Group Work with a Large Cohort: Challenges and New Benefits. <i>Journal of Chemical Education</i> , 2020, 97, 2706-2710.	1.1	10

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19	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, 850-857.	1.2	9
20	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.	1.1	8
21	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.	1.1	2
22	TOWARDS A MULTICULTURAL AND GLOBAL EDUCATION VIA INTERNATIONAL CO-OPERATION: BRITISH CHEMISTS WORKING WITH SPANISH CHEMICAL ENGINEERS ON NEW BIO-REFINERY CONCEPTS. , 2020, , .		2
23	The green formula for international chemistry education. , 2019, , 205-228.		1