

# Brett M Mccollum

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8243472/publications.pdf>

Version: 2024-02-01

20  
papers

433  
citations

687363

13  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

423  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon-Centered Strong Bases in Phosphonium Ionic Liquids. <i>Journal of Organic Chemistry</i> , 2008, 73, 801-812.	3.2	98
2	The Effects of Using Touch-Screen Devices on Students'™ Molecular Visualization and Representational Competence Skills. <i>Journal of Chemical Education</i> , 2014, 91, 1810-1817.	2.3	45
3	Dual Reactivity of a Stable Zwitterionic N-Heterocyclic Silylene and Its Carbene Complex Probed with Muonium. <i>Organometallics</i> , 2012, 31, 2709-2714.	2.3	34
4	Reaction of Stable N-Heterocyclic Silylenes and Germylenes with Muonium. <i>Chemistry - A European Journal</i> , 2009, 15, 8409-8412.	3.3	30
5	Organic Free Radicals in Superheated Water Studied by Muon Spin Spectroscopy. <i>Journal of the American Chemical Society</i> , 2005, 127, 13714-13719.	13.7	25
6	Probing the Reactivity of a Stable Silene Using Muonium. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9772-9774.	13.8	23
7	Detection of a secondary muoniated radical. <i>Physica B: Condensed Matter</i> , 2009, 404, 940-942.	2.7	22
8	Enolization of Acetone in Superheated Water Detected via Radical Formation. <i>Journal of the American Chemical Society</i> , 2003, 125, 9594-9595.	13.7	21
9	Hyperfine Coupling in Methyl Radical Isotopomers. <i>Journal of Physical Chemistry A</i> , 2007, 111, 10625-10634.	2.5	19
10	Developing communication confidence and professional identity in chemistry through international online collaborative learning. <i>Chemistry Education Research and Practice</i> , 2018, 19, 567-582.	2.5	18
11	Merging the chemistry of electron-rich olefins with imidazolium ionic liquids: radicals and hydrogen-atom adducts. <i>Chemical Science</i> , 2011, 2, 2173.	7.4	17
12	Relationships in the Flipped Classroom. <i>Canadian Journal for the Scholarship of Teaching and Learning</i> , 2017, 8, .	0.4	17
13	Success in Student-Faculty/Staff SoTL Partnerships: Motivations, Challenges, Power, and Definitions. <i>Canadian Journal for the Scholarship of Teaching and Learning</i> , 2017, 8, .	0.4	15
14	Germanium-centered free radicals studied by muon spin spectroscopy. <i>Canadian Journal of Chemistry</i> , 2014, 92, 508-513.	1.1	14
15	H atom kinetics in superheated water studied by muon spin spectroscopy. <i>Radiation Physics and Chemistry</i> , 2007, 76, 1231-1235.	2.8	12
16	Improving Academic Reading Habits in Chemistry through Flipping with an Open Education Digital Textbook. <i>ACS Symposium Series</i> , 2016, , 23-45.	0.5	10
17	Multi-dimensional trust between partners for international online collaborative learning in the Third Space. <i>International Journal for Students As Partners</i> , 2019, 3, 50-59.	0.4	4
18	Online Collaborative Learning in STEM. , 2020, , 621-637.		4

#	ARTICLE	IF	CITATIONS
19	Practicing Multimodal Chemistry Communication through Online Collaborative Learning. ACS Symposium Series, 2019, , 57-74.	0.5	3
20	Representational Technologies and Learner Problem-Solving Strategies in Chemistry. Teaching and Learning Inquiry, 2016, 4, .	0.4	2