Brian P Coppola

List of Publications by Year
in descending order

66	1,104	516710 16	414414 32
papers	citations	h-index	g-index

74	74	74	841
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Student-Generated Instructional Materials. , 2020, , 385-407.		7
2	Purple Dragons and Yellow Toadstools a Versatile Exercise for Introducing Students to Negotiated Consensus. Science and Engineering Ethics, 2019, 25, 1261-1269.	2.9	0
3	The relationship between subject matter knowledge and teaching effectiveness of undergraduate chemistry peer facilitators. Chemistry Education Research and Practice, 2018, 19, 276-304.	2.5	6
4	Using Student-Generated Instructional Materials in an e-Homework Platform. Journal of Chemical Education, 2016, 93, 1871-1878.	2.3	27
5	Barry Martin Trost: Educator. Organic Chemistry Frontiers, 2016, 3, 1225-1227.	4.5	0
6	Book and Media Recommendations: Enlightenment (Lather, Rinse, Repeat). Journal of Chemical Education, 2016, 93, 1344-1346.	2.3	0
7	Broad & Capacious: A New Norm for Instructional Development in a Research Setting. Change, 2016, 48, 34-43.	0.5	2
8	Using Jigsaw-Style Spectroscopy Problem-Solving To Elucidate Molecular Structure through Online Cooperative Learning. Journal of Chemical Education, 2015, 92, 1188-1193.	2.3	27
9	Book and Media Recommendations: Stories, Style, and a Few Study Breaks. Journal of Chemical Education, 2015, 92, 1140-1142.	2.3	1
10	An Inevitable Moment: US Brain Drain. Change, 2015, 47, 36-45.	0.5	1
11	Disciplineâ€centered postâ€secondary science education research: Distinctive targets, challenges and opportunities. Journal of Research in Science Teaching, 2014, 51, 679-693.	3.3	11
12	Using Errors To Teach through a Two-Staged, Structured Review: Peer-Reviewed Quizzes and â€œWhatâ€™s Wrong With Me?â€. Journal of Chemical Education, 2014, 91, 2148-2154.	2.3	9
13	Eliciting Student Explanations of Experimental Results Using an Online Discussion Board. Journal of Chemical Education, 2014, 91, 684-686.	2.3	10
14	Book and Media Recommendations: Proven Facts and Speculative Fiction. Journal of Chemical Education, 2014, 91, 958-960.	2.3	0
15	Summer 2013 Book and Media Recommendations. Journal of Chemical Education, 2013, 90, 823-831.	2.3	2
16	Disciplineâ€centered postâ€secondary science education research: Understanding university level science learning. Journal of Research in Science Teaching, 2013, 50, 627-638.	3.3	19
17	The Distinctiveness of Higher Education. Journal of Chemical Education, 2013, 90, 955-956.	2.3	15
18	Teaching in China: Two Views. Change, 2013, 45, 58-66.	0.5	1

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19	Writing-To-Teach: A New Pedagogical Approach To Elicit Explanative Writing from Undergraduate Chemistry Students. Journal of Chemical Education, 2012, 89, 1025-1031.	2.3	40
20	Summer 2012 Book and Media Recommendations. Journal of Chemical Education, 2012, 89, 825-831.	2.3	1
21	Summer 2011 Book and Media Recommendations. Journal of Chemical Education, 2011, 88, 851-857.	2.3	0
22	Improving Science Education and Understanding through Editing Wikipedia. Journal of Chemical Education, 2010, 87, 1159-1162.	2.3	67
23	Advancing STEM teaching and learning with research teams. New Directions for Teaching and Learning, 2009, 2009, 33-44.	0.4	3
24	Summer Reading. Journal of Chemical Education, 2009, 86, 792.	2.3	1
25	Selamat Datang di Indonesia: Learning about Chemistry and Chemistry Education in Indonesia. Journal of Chemical Education, 2008, 85, 1204.	2.3	6
26	Design and Implementation of a Studio-Based General Chemistry Course. Journal of Chemical Education, 2007, 84, 265.	2.3	35
27	Closing the Gap between Interdisciplinary Research and Disciplinary Teaching. ACS Chemical Biology, 2007, 2, 518-520.	3.4	7
28	The Most Beautiful Theories. Journal of Chemical Education, 2007, 84, 1902.	2.3	24
29	The Great Wakonse Earthquake of 2003: A Short, Problem-Based Introduction to the Titration Concept. Journal of Chemical Education, 2006, 83, 600.	2.3	2
30	Student Learning in Science Classrooms: What Role Does Motivation Play?. , 2005, , 83-97.		12
31	Summer Reading. Journal of Chemical Education, 2004, 81, 778.	2.3	0
32	Responses to Changing Needs in U.S. Doctoral Education. Journal of Chemical Education, 2004, 81, 1698.	2.3	15
33	Summer Reading. Journal of Chemical Education, 2003, 80, 598.	2.3	0
34	Skill and will: The role of motivation and cognition in the learning of college chemistry. International Journal of Science Education, 2003, 25, 1081-1094.	1.9	331
35	Summer Reading. Journal of Chemical Education, 2002, 79, 648.	2.3	0
36	Summer Reading. Journal of Chemical Education, 2001, 78, 706.	2.3	0

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37	Full Human Presence: A Guidepost to Mentoring Undergraduate Science Students. New Directions for Teaching and Learning, 2001, 2001, 57-73.	0.4	11
38	Targeting Entry Points for Ethics in Chemistry Teaching and Learning. Journal of Chemical Education, 2000, 77, 1506.	2.3	20
39	Summer Reading. Journal of Chemical Education, 2000, 77, 693.	2.3	0
40	Mea Culpa: Formal Education and the Dis-Integrated World. , 1999, , 107-128.		0
41	Mea Culpa: Formal Education and the Dis-Integrated World. Science and Education, 1998, 7, 31-48.	2.7	5
42	Editorial: Day 2-to-40. Proceedings from a Chemical Education Workshop Symposium. The Chemical Educator, 1998, 3, 1-3.	0.0	0
43	The -ills of Educational Reform. The Chemical Educator, 1998, 3, 1-10.	0.0	2
44	Progress in Practice: Three Plenaries I Richard N. Zare, Enhance, Enable, and Elucidate. The Chemical Educator, 1998, 3, 1-8.	0.0	1
45	The University of Michigan Undergraduate Chemistry Curriculum 2. Instructional Strategies and Assessment. Journal of Chemical Education, 1997, 74, 84.	2.3	48
46	The University of Michigan Undergraduate Chemistry Curriculum 1. Philosophy, Curriculum, and the Nature of Change. Journal of Chemical Education, 1997, 74, 74.	2.3	51
47	Progress in Practice: Organic Chemistry in the Introductory Course II. The Advantages of Physical Organic Chemistry. The Chemical Educator, 1997, 2, 1-9.	0.0	1
48	Progress in Practice: Bookends and Boilerplate I. Vigilance for the Obligations for Scholarship in Chemical Education. The Chemical Educator, 1997, 2, 1-7.	0.0	0
49	Progress in Practice: Can Undergraduate Student Affiliate Groups Survive After the (Re)Energizers Graduate?. The Chemical Educator, 1997, 2, 1-2.	0.0	0
50	Regiocontrol in the 1,3-dipolar cycloaddition reactions of mesoionic compounds with acetylenic dipolarophiles. Tetrahedron Letters, 1997, 38, 7159-7162.	1.4	20
51	A Case for Ethics. Journal of Chemical Education, 1996, 73, 33.	2.3	29
52	Progress in Practice: Exploring the Cooperative and Collaborative Dimensions of Group Learning. The Chemical Educator, 1996, 1, 1-9.	0.0	6
53	Structuring the Liberal (Arts) Education in Chemistry. The Chemical Educator, 1996, 1, 1-32.	0.0	8
54	Progress in Practice: The Synergy Derived From Knowing Pedagogy as Well as Chemistry. The Chemical Educator, 1996, 1, 1-11.	0.0	0

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55	Progress in Practice: The Scholarship of Teaching. The Chemical Educator, 1996, 1, 1-9.	0.0	0
56	Progress in Practice: Teaching and Learning with Case Studies. The Chemical Educator, 1996, 1, 1-13.	0.0	5
57	Progress in Practice: Organic Chemistry in the Introductory Course. The Chemical Educator, 1996, 1, 1-8.	0.0	3
58	The Role of Written and Verbal Expression in Improving Communication Skills for Students in an Undergraduate Chemistry Program. Across the Disciplines, 1996, 1, 67-86.	0.0	9
59	Progress in practice: Using concepts from motivational and self-regulated learning research to improve chemistry instruction. New Directions for Teaching and Learning, 1995, 1995, 87-96.	0.4	10
60	"Who Has the Same Substance that I Have?": A Blueprint for Collaborative Learning Activities. Journal of Chemical Education, 1995, 72, 1120.	2.3	26
61	Intermolecular 1,3-dipolar cycloadditions of mÃ¼chnones with acetylenic dipolarophiles: Sorting out the regioselectivity. Tetrahedron, 1994, 50, 93-116.	1.9	42
62	I Scream, You Scream...: A New Twist on the Liquid Nitrogen Demonstrations. Journal of Chemical Education, 1994, 71, 1080.	2.3	7
63	A new observation of limiting-case 1,3-dipolar cycloaddition. Evidence for a highly unsymmetrical transition-state structure with the reactions of mesoionic compounds. Journal of Organic Chemistry, 1993, 58, 7324-7327.	3.2	6
64	Substituent effects on 13C NMR chemical shifts in dialkylaminophenylchlorophosphines. Polyhedron, 1992, 11, 2759-2766.	2.2	4
65	2-Bromo-3-trimethylsilylpropene. An annulating agent for five-membered carbo- and heterocycles. Journal of the American Chemical Society, 1982, 104, 6879-6881.	13.7	93
66	SELECTIVE REACTIVITY OF THE BISENAMINE OF PIPERAZINE-CYCLOHEXANONE WITH BENZOYL CHLORIDE. Organic Preparations and Procedures International, 1978, 10, 304-306.	1.3	4