Carmen J Giunta

List of Publications by Year
in descending order

20 papers	262 citations	1040056 9 h-index	996975 15 g-index
24 all docs	24 docs citations	24 times ranked	205 citing authors

#	Article	IF	Citations
1	Gasâ€phase kinetics in the atmospheric pressure chemical vapor deposition of silicon from silane and disilane. Journal of Applied Physics, 1990, 67, 1062-1075.	2.5	65
2	Kinetic Modeling of the Chemical Vapor Deposition of Silicon Dioxide from Silane or Disilane and Nitrous Oxide. Journal of the Electrochemical Society, 1990, 137, 3237-3253.	2.9	47
3	A Kinetics Study of the Atmospheric Pressure CVD Reaction of Silane and Nitrous Oxide. Journal of the Electrochemical Society, 1989, 136, 2993-3003.	2.9	27
4	Kinetic modeling of the chemical vapor deposition of tin oxide from dimethyltin dichloride and oxygen. The Journal of Physical Chemistry, 1993, 97, 2275-2283.	2.9	22
5	Kinetic modeling of the chemical vapor deposition of tin oxide from tetramethyltin and oxygen. The Journal of Physical Chemistry, 1992, 96, 5364-5379.	2.9	19
6	Using History To Teach Scientific Method: The Case of Argon. Journal of Chemical Education, 1998, 75, 1322.	2.3	17
7	Using History to Teach Scientific Method: The Role of Errors. Journal of Chemical Education, 2001, 78, 623.	2.3	17
8	Argon and the Periodic System: the Piece that Would not Fit. Foundations of Chemistry, 2001, 3, 105-128.	1.1	15
9	The Mole and Amount of Substance in Chemistry and Education: Beyond Official Definitions. Journal of Chemical Education, 2015, 92, 1593-1597.	2.3	10
10	Whatâ€™s in a Name? Amount of Substance, Chemical Amount, and Stoichiometric Amount. Journal of Chemical Education, 2016, 93, 583-586.	2.3	7
11	What Chemistry Teachers Should Know about the Revised International System of Units (SystÃ¨me) Tj ETQq1 1 0.784314 rgBT /Overl	2.3	6
12	Discovery of Nuclear Magnetic Resonance: Rabi, Purcell, and Bloch. ACS Symposium Series, 2020, , 3-20.	0.5	6
13	Review of Teaching the Nature of Science: Perspectives and ResourcesTeaching the Nature of Science: Perspectives and Resources, by Douglas Allchin. SHiPS Education Press: Saint Paul, MN, 2013. xii + 310 pp. ISBN 978-0-9892524-0-9 (paperback). $40.00.. Journal of Chemical Education, 2014, 91, 15-16.	2.3	2
14	Kinetics of Silicon Oxide Thin Film Deposition From Silane and Disilane with Nitrous Oxide.. Materials Research Society Symposia Proceedings, 1987, 105, 127.	0.1	1
15	Dmitri Mendeleevâ€™s Nobel-Prize-Losing Research. ACS Symposium Series, 2017, , 31-49.	0.5	1
16	Atoms Are Divisible. ACS Symposium Series, 2010, , 65-81.	0.5	0
17	Historical Chemists in Fiction. ACS Symposium Series, 2013, , 129-142.	0.5	0
18	Flights of Fancy. ACS Symposium Series, 2014, , 353-372.	0.5	0

#	Article	IF	Citations
19	Review of The Matter Factory: A History of the Chemistry LaboratoryThe Matter Factory: A History of the Chemistry Laboratory, by Peter J. T. Morris. Reaktion Books: London, 2015. 416 pp. ISBN: 9781780234427 (hardcover). $45.00.. Journal of Chemical Education, 2016, 93, 223-224.	2.3	0
20	Insights into the Chemical and Pedagogical Philosophy of Stanislao Cannizzaro from his Faraday Lecture. ACS Symposium Series, 2018, , 149-162.	0.5	0