

Stephen G Cessna

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

899
citations

933447

10
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1142
citing authors

#	ARTICLE	IF	CITATIONS
1	Headspace GC-MS analysis of differences in intra- and interspecific Terpene profiles of <i>Picea pungens</i> Engelm. and <i>P. abies</i> (L.) Karst. <i>Phytochemistry</i> , 2021, 181, 112541.	2.9	6
2	Surveying Kazakh high school students' attitudes and beliefs about physics and learning with the Colorado learning attitudes about science survey. <i>Physics Education</i> , 2020, 55, 065019.	0.5	2
3	Border Crossings: A Narrative Framework for Interventions Aimed at Improving URM and First-Generation College Student Retention in STEM. <i>ACS Symposium Series</i> , 2018, , 3-16.	0.5	3
4	Teaching the Nature of Science in a Course in Sustainable Agriculture. <i>Journal of Natural Resources and Life Sciences Education</i> , 2013, 42, 36-42.	1.5	2
5	Measuring beyond content: a rubric bank for assessing skills in authentic research assignments in the sciences. <i>Chemistry Education Research and Practice</i> , 2012, 13, 268-276.	2.5	24
6	Exploring Photosynthesis and Plant Stress Using Inexpensive Chlorophyll Fluorometers. <i>Journal of Natural Resources and Life Sciences Education</i> , 2010, 39, 22-30.	0.2	31
7	A Multiweek, Problem-Based Laboratory Project Using Phytoremediation To Remove Copper from Soil. <i>General Chemistry Labs for Teaching Thermodynamics and Equilibrium</i> . <i>Journal of Chemical Education</i> , 2009, 86, 726.	2.3	10
8	Modulation of Bax Inhibitor-1 and cytosolic Ca ²⁺ by cytokinins in <i>Nicotiana tabacum</i> cells. <i>Biochimie</i> , 2007, 89, 961-971.	2.6	15
9	The externally derived portion of the hyperosmotic shock-activated cytosolic calcium pulse mediates adaptation to ionic stress in suspension-cultured tobacco cells. <i>Journal of Plant Physiology</i> , 2007, 164, 815-823.	3.5	10
10	Copper-sensing GFP reporter yeast: an analytical method for soil copper determination. <i>FASEB Journal</i> , 2007, 21, A723.	0.5	0
11	Cytosolic Ca ²⁺ pulses and protein kinase activation in the signal transduction pathways leading to the plant oxidative burst. <i>Journal of Plant Biology</i> , 2003, 46, 215-222.	2.1	6
12	An Osmotically Induced Cytosolic Ca ²⁺ Transient Activates Calcineurin Signaling to Mediate Ion Homeostasis and Salt Tolerance of <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 33075-33080.	3.4	133
13	Activation of the oxidative burst in aequorin-transformed <i>Nicotiana tabacum</i> cells is mediated by protein kinase- and anion channel-dependent release of Ca ²⁺ from internal stores. <i>Planta</i> , 2001, 214, 126-134.	3.2	44
14	An Apoplastic Ca ²⁺ Sensor Regulates Internal Ca ²⁺ Release in Aequorin-transformed Tobacco Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 10655-10662.	3.4	22
15	Homologous and heterologous desensitization and synergy in pathways leading to the soybean oxidative burst. <i>Planta</i> , 2000, 211, 736-742.	3.2	17
16	Oxalic Acid, a Pathogenicity Factor for <i>Sclerotinia sclerotiorum</i> , Suppresses the Oxidative Burst of the Host Plant. <i>Plant Cell</i> , 2000, 12, 2191.	6.6	22
17	Oxalic Acid, a Pathogenicity Factor for <i>Sclerotinia sclerotiorum</i> , Suppresses the Oxidative Burst of the Host Plant. <i>Plant Cell</i> , 2000, 12, 2191-2199.	6.6	491
18	Hypo-osmotic Shock of Tobacco Cells Stimulates Ca ²⁺ Fluxes Deriving First from External and then Internal Ca ²⁺ Stores. <i>Journal of Biological Chemistry</i> , 1998, 273, 27286-27291.	3.4	61