

Chance W Riggins

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

782
citations

687363

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1058476

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761
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct Detoxification Mechanisms Confer Resistance to Mesotrione and Atrazine in a Population of Waterhemp. <i>Plant Physiology</i> , 2013, 163, 363-377.	4.8	140
2	Herbicide Resistances in <i>Amaranthus tuberculatus</i> : A Call for New Options. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 5808-5812.	5.2	116
3	Characterization of <i>de novo</i> transcriptome for waterhemp (<i>Amaranthus tuberculatus</i>) using GSFLX 454 pyrosequencing and its application for studies of herbicide target site genes. <i>Pest Management Science</i> , 2010, 66, 1042-1052.	3.4	89
4	Molecular Mechanisms of Herbicide Resistance. <i>Weed Science</i> , 2015, 63, 91-115.	1.5	73
5	Distribution of Herbicide Resistances and Molecular Mechanisms Conferring Resistance in Missouri Waterhemp (<i>Amaranthus rudis</i> Sauer) Populations. <i>Weed Science</i> , 2015, 63, 336-345.	1.5	53
6	The genus <i>Artemisia</i> (Asteraceae: Anthemideae) at a continental crossroads: Molecular insights into migrations, disjunctions, and reticulations among Old and New World species from a Beringian perspective. <i>Molecular Phylogenetics and Evolution</i> , 2012, 64, 471-490.	2.7	49
7	Biochemical characterization of metabolism-based atrazine resistance in <i>Amaranthus tuberculatus</i> and identification of an expressed GST associated with resistance. <i>Plant Biotechnology Journal</i> , 2017, 15, 1238-1249.	8.3	47
8	EPSPS Gene Amplification is Present in the Majority of Glyphosate-Resistant Illinois Waterhemp (<i>Amaranthus tuberculatus</i>) Populations. <i>Weed Technology</i> , 2015, 29, 48-55.	0.9	45
9	Identification of Genetic Elements Associated with EPSPS Gene Amplification. <i>PLoS ONE</i> , 2013, 8, e65819.	2.5	44
10	Nontarget-Site Resistance to ALS Inhibitors in Waterhemp (<i>Amaranthus tuberculatus</i>). <i>Weed Science</i> , 2015, 63, 399-407.	1.5	44
11	Wide Distribution of the Waterhemp (<i>Amaranthus tuberculatus</i>) ¹ G210 ¹ PPX2 ¹ Mutation, which Confers Resistance to PPO-Inhibiting Herbicides. <i>Weed Science</i> , 2011, 59, 22-27.	1.5	38
12	Will the <i>Amaranthus tuberculatus</i> Resistance Mechanism to PPO-Inhibiting Herbicides Evolve in Other <i>Amaranthus</i> Species?. <i>International Journal of Agronomy</i> , 2012, 2012, 1-7.	1.2	19
13	The EPSPS Pro106Ser substitution solely accounts for glyphosate resistance in a goosegrass (<i>Eleusine</i>) Tj ETQq1 1 0.784314 rgBT /OV	3.5	13
14	Multiple-Herbicide Resistance in a 2,4-D Resistant Waterhemp (<i>Amaranthus tuberculatus</i>) Population from Nebraska. <i>Weed Science</i> , 2017, 65, 743-754.	1.5	12