

Amy L Lawton-Rauh

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9388740/amy-l-lawton-rauh-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

1,132
citations

18
h-index

31
g-index

31
ext. papers

1,341
ext. citations

6.3
avg, IF

3.98
L-index

#	Paper	IF	Citations
29	Agriculture: Feeding the future. <i>Nature</i> , 2013 , 499, 23-4	50.4	363
28	Evolutionary dynamics of duplicated genes in plants. <i>Molecular Phylogenetics and Evolution</i> , 2003 , 29, 396-409	4.1	70
27	Weedy (Red) Rice. <i>Advances in Agronomy</i> , 2015 , 181-228	7.7	69
26	Phylogenetic analysis and molecular evolution of the dormancy associated MADS-box genes from peach. <i>BMC Plant Biology</i> , 2009 , 9, 81	5.3	67
25	Comparative genetic mapping in <i>Boechera stricta</i> , a close relative of <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2007 , 144, 286-98	6.6	59
24	Molecular evolution of flower development. <i>Trends in Ecology and Evolution</i> , 2000 , 15, 144-149	10.9	50
23	The unique genomic landscape surrounding the EPSPS gene in glyphosate resistant <i>Amaranthus palmeri</i> : a repetitive path to resistance. <i>BMC Genomics</i> , 2017 , 18, 91	4.5	42
22	The power and potential of genomics in weed biology and management. <i>Pest Management Science</i> , 2018 , 74, 2216-2225	4.6	41
21	Permanent genetic resources added to Molecular Ecology Resources Database 1 October 2010-30 November 2010. <i>Molecular Ecology Resources</i> , 2011 , 11, 418-21	8.4	40
20	Migration, isolation and hybridization in island crop populations: the case of Madagascar rice. <i>Molecular Ecology</i> , 2010 , 19, 4892-905	5.7	36
19	Diversity and divergence patterns in regulatory genes suggest differential gene flow in recently derived species of the Hawaiian silversword alliance adaptive radiation (Asteraceae). <i>Molecular Ecology</i> , 2007 , 16, 3995-4013	5.7	34
18	Escape to Fertility: The Endoferal Origin of Weedy Rice from Crop Rice through De-Domestication. <i>PLoS ONE</i> , 2016 , 11, e0162676	3.7	33
17	Patterns of nucleotide variation in homoeologous regulatory genes in the allotetraploid Hawaiian silversword alliance (Asteraceae). <i>Molecular Ecology</i> , 2003 , 12, 1301-13	5.7	28
16	Demographic processes shaping genetic variation. <i>Current Opinion in Plant Biology</i> , 2008 , 11, 103-9	9.9	27
15	RNA-Seq transcriptome analysis of <i>Amaranthus palmeri</i> with differential tolerance to glufosinate herbicide. <i>PLoS ONE</i> , 2018 , 13, e0195488	3.7	23
14	Agricultural Weed Research: A Critique and Two Proposals. <i>Weed Science</i> , 2014 , 62, 672-678	2	21
13	Unusual signatures of highly adaptable R-loci in closely-related <i>Arabidopsis</i> species. <i>Gene</i> , 2011 , 482, 24-33	3.8	21

12	Genetic Variability of <i>Rotylenchulus reniformis</i> . <i>Plant Disease</i> , 2012 , 96, 30-36	1.5	19
11	Contrasting patterns of variation in weedy traits and unique crop features in divergent populations of US weedy rice (<i>Oryza sativa</i> sp.) in Arkansas and California. <i>Pest Management Science</i> , 2018 , 74, 1404-1415	4.6	15
10	Target-site mutation accumulation among ALS inhibitor-resistant Palmer amaranth. <i>Pest Management Science</i> , 2019 , 75, 1131-1139	4.6	14
9	EPSPS Gene Amplification Primarily Confers Glyphosate Resistance among Arkansas Palmer amaranth (<i>Amaranthus palmeri</i>) Populations. <i>Weed Science</i> , 2018 , 66, 293-300	2	12
8	Effect of Crop Rotations on <i>Rotylenchulus reniformis</i> Population Structure. <i>Plant Disease</i> , 2012 , 96, 24-29.5	2.5	9
7	Overexpression of epsps transgene in weedy rice: insufficient evidence to support speculations about biosafety. <i>New Phytologist</i> , 2014 , 202, 360-362	9.8	8
6	Genome-wide comparative analysis reveals similar types of NBS genes in hybrid <i>Citrus sinensis</i> genome and original <i>Citrus clementine</i> genome and provides new insights into non-TIR NBS genes. <i>PLoS ONE</i> , 2015 , 10, e0121893	3.7	8
5	Signatures of demography and recombination at coding genes in naturally-distributed populations of <i>Arabidopsis lyrata</i> subsp. <i>petraea</i> . <i>PLoS ONE</i> , 2013 , 8, e58916	3.7	6
4	Dormancy-linked Population Structure of Weedy Rice (<i>Oryza</i> sp.). <i>Weed Science</i> , 2018 , 66, 331-339	2	6
3	Cultivated and weedy rice interactions and the domestication process. <i>Molecular Ecology</i> , 2010 , 19, 3243-3257	5.7	5
2	Collective evolution processes and the tempo of lineage divergence in the Hawaiian silversword alliance adaptive radiation (Heliantheae, Asteraceae). <i>Molecular Ecology</i> , 2007 , 16, 3993-4	5.7	5
1	Comparative and Evolutionary Genomics 2010 , 63-103		