

# Estela Giménez

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,463  
citations

361045

20  
h-index

500791

28  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1924  
citing authors

#	ARTICLE	IF	CITATIONS
1	Worldwide Research Trends on Wheat and Barley: A Bibliometric Comparative Analysis. <i>Agronomy</i> , 2019, 9, 352.	1.3	266
2	Generation and phenotypic analysis of sigma receptor type I (sigma1) knockout mice. <i>European Journal of Neuroscience</i> , 2003, 18, 2188-2196.	1.2	176
3	Worldwide Research on Plant Defense against Biotic Stresses as Improvement for Sustainable Agriculture. <i>Sustainability</i> , 2018, 10, 391.	1.6	126
4	A simple polymerase chain reaction assay for genotyping the retinal degeneration mutation (Pdebrd1) in FVB/N-derived transgenic mice. <i>Laboratory Animals</i> , 2001, 35, 153-156.	0.5	125
5	Functional Analysis of the Arlequin Mutant Corroborates the Essential Role of the ARLEQUIN/TAGL1 Gene during Reproductive Development of Tomato. <i>PLoS ONE</i> , 2010, 5, e14427.	1.1	108
6	Transcriptional Activity of the MADS Box <i>ARLEQUIN</i> TOMATO AGAMOUS-LIKE1 Gene Is Required for Cuticle Development of Tomato Fruit. <i>Plant Physiology</i> , 2015, 168, 1036-1048.	2.3	62
7	TOMATO AGAMOUS1 and ARLEQUIN/TOMATO AGAMOUS-LIKE1 MADS-box genes have redundant and divergent functions required for tomato reproductive development. <i>Plant Molecular Biology</i> , 2016, 91, 513-531.	2.0	54
8	Genetic analysis of reproductive development in tomato. <i>International Journal of Developmental Biology</i> , 2009, 53, 1635-1648.	0.3	48
9	Chronic dietary exposure to chlorpyrifos causes behavioral impairments, low activity of brain membrane-bound acetylcholinesterase, and increased brain acetylcholinesterase-R mRNA. <i>Toxicology</i> , 2013, 308, 41-49.	2.0	39
10	Variegated expression and delayed retinal pigmentation during development in transgenic mice with a deletion in the locus control region of the tyrosinase gene. <i>Genesis</i> , 2001, 30, 21-25.	0.8	38
11	Chlorpyrifos-, Diisopropylphosphorofluoridate-, and Parathion-Induced Behavioral and Oxidative Stress Effects: Are They Mediated by Analogous Mechanisms of Action?. <i>Toxicological Sciences</i> , 2013, 131, 206-216.	1.4	37
12	A Transgenic Mouse Model with Inducible Tyrosinase Gene Expression Using the Tetracycline (Tet-on) System Allows Regulated Rescue of Abnormal Chiasmatic Projections Found in Albinism. <i>Pigment Cell &amp; Melanoma Research</i> , 2004, 17, 363-370.	4.0	35
13	Comparative study on short- and long-term behavioral consequences of organophosphate exposure: Relationship to AChE mRNA expression. <i>NeuroToxicology</i> , 2014, 40, 57-64.	1.4	35
14	Long-term effects of low doses of Chlorpyrifos exposure at the preweaning developmental stage: A locomotor, pharmacological, brain gene expression and gut microbiome analysis. <i>Food and Chemical Toxicology</i> , 2020, 135, 110865.	1.8	35
15	A collection of enhancer trap insertional mutants for functional genomics in tomato. <i>Plant Biotechnology Journal</i> , 2017, 15, 1439-1452.	4.1	33
16	DNA Damage Repair System in Plants: A Worldwide Research Update. <i>Genes</i> , 2017, 8, 299.	1.0	33
17	Medium and long-term effects of low doses of Chlorpyrifos during the postnatal, preweaning developmental stage on sociability, dominance, gut microbiota and plasma metabolites. <i>Environmental Research</i> , 2020, 184, 109341.	3.7	33
18	Tyrosinase gene expression is not detected in mouse brain outside the retinal pigment epithelium cells. <i>European Journal of Neuroscience</i> , 2003, 18, 2673-2676.	1.2	29

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19	Albino T-DNA tomato mutant reveals a key function of 1-deoxy-D-xylulose-5-phosphate synthase (DXS1) in plant development and survival. <i>Scientific Reports</i> , 2017, 7, 45333.	1.6	29
20	Genetic and Physiological Characterization of the Arlequin Insertional Mutant Reveals a Key Regulator of Reproductive Development in Tomato. <i>Plant and Cell Physiology</i> , 2010, 51, 435-447.	1.5	22
21	The use of yeast artificial chromosomes in transgenic animals: expression studies of the tyrosinase gene in transgenic mice. <i>Genetic Analysis, Techniques and Applications</i> , 1999, 15, 175-178.	1.5	21
22	Modern Approaches for the Genetic Improvement of Rice, Wheat and Maize for Abiotic Constraints-Related Traits: A Comparative Overview. <i>Agronomy</i> , 2021, 11, 376.	1.3	20
23	Regional abnormalities in retinal development are associated with local ocular hypopigmentation. <i>Journal of Comparative Neurology</i> , 2005, 485, 338-347.	0.9	16
24	Postnatal exposure to low doses of Chlorpyrifos induces long-term effects on 5C-SRTT learning and performance, cholinergic and GABAergic systems and BDNF expression. <i>Experimental Neurology</i> , 2020, 330, 113356.	2.0	13
25	Tomato <i>CRABS CLAW</i> paralogues interact with chromatin remodelling factors to mediate carpel development and floral determinacy. <i>New Phytologist</i> , 2022, 234, 1059-1074.	3.5	11
26	Worldwide Research on the Ozone Influence in Plants. <i>Agronomy</i> , 2021, 11, 1504.	1.3	9
27	A Factor Linking Floral Organ Identity and Growth Revealed by Characterization of the Tomato Mutant unfinished flower development ( <i>ufd</i> ). <i>Frontiers in Plant Science</i> , 2016, 7, 1648.	1.7	6
28	An F2 Barley Population as a Tool for Teaching Mendelian Genetics. <i>Plants</i> , 2021, 10, 694.	1.6	2
29	Pesticides and aging: Prewaning exposure to Chlorpyrifos induces a general hypomotricity state in late-adult rats. <i>NeuroToxicology</i> , 2021, 86, 69-77.	1.4	1
30	GENERIC SKILLS ASSESSMENT IN THE ENVIRONMENTAL SCIENCE DEGREE AT UNIVERSITY OF ALMERIA. , 2016, , .		0