Javier F Botto

List of Publications by Year
in descending order

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Version: 2024-02-01

30	2,165	279798 23	454955 30
papers	citations	h-index	g-index

30	30	30	2336
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Multifaceted Roles of HY5 in Plant Growth and Development. Molecular Plant, 2016, 9, 1353-1365.	8.3	465
2	The BBX family of plant transcription factors. Trends in Plant Science, 2014, 19, 460-470.	8.8	370
3	The Arabidopsis B-BOX Protein BBX25 Interacts with HY5, Negatively Regulating BBX22 Expression to Suppress Seedling Photomorphogenesis Â. Plant Cell, 2013, 25, 1243-1257.	6.6	189
4	BBX proteins in green plants: Insights into their evolution, structure, feature and functional diversification. Gene, 2013, 531, 44-52.	2.2	122
5	The transcriptional regulator BBX24 impairs DELLA activity to promote shade avoidance in Arabidopsis thaliana. Nature Communications, 2015, 6, 6202.	12.8	96
6	AtBBX21 and COP1 genetically interact in the regulation of shade avoidance. Plant Journal, 2010, 64, 551-562.	5.7	92
7	Mapping Quantitative Trait Loci in Multiple Populations of Arabidopsis thaliana Identifies Natural Allelic Variation for Trichome Density. Genetics, 2005, 169, 1649-1658.	2.9	85
8	Germination variation in Arabidopsis thaliana accessions under moderate osmotic and salt stresses. Annals of Botany, 2010, 106, 833-842.	2.9	71
9	Role of Phytochrome B in the Induction of Seed Germination by Light in Arabidopsis thaliana. Journal of Plant Physiology, 1995, 146, 307-312.	3.5	57
10	The effect of light during and after soil cultivation with different tillage implements on weed seedling emergence. Weed Science, 1998, 46, 351-357.	1.5	52
11	Molecular interactions of BBX24 and BBX25 with HYH, HY5 HOMOLOG, to modulateArabidopsisseedling development. Plant Signaling and Behavior, 2013, 8, e25208.	2.4	52
12	The Cape Verde Islands Allele of Cryptochrome 2 Enhances Cotyledon Unfolding in the Absence of Blue Light in Arabidopsis Â. Plant Physiology, 2003, 133, 1547-1556.	4.8	46
13	Function of B-BOX under shade. Plant Signaling and Behavior, 2011, 6, 101-104.	2.4	41
14	Burial conditions affect light responses ofDatura feroxseeds. Seed Science Research, 1998, 8, 423-429.	1.7	40
15	Genetic mapping of natural variation in a shade avoidance response: ELF3 is the candidate gene for a QTL in hypocotyl growth regulation. Journal of Experimental Botany, 2011, 62, 167-176.	4.8	40
16	The receptor-like kinase ERECTA contributes to the shade-avoidance syndrome in a background-dependent manner. Annals of Botany, 2013, 111, 811-819.	2.9	38
17	Transcriptional Programs Related to Phytochrome A Function in Arabidopsis Seed Germination. Molecular Plant, 2013, 6, 1261-1273.	8.3	34
18	Molecular mechanisms underlying the entrance in secondary dormancy of <scp>Arabidopsis</scp> seeds. Plant, Cell and Environment, 2016, 39, 213-221.	5.7	34

#	Article	IF	Citations
19	Seasonal and plantâ€density dependency for quantitative trait loci affecting flowering time in multiple populations of Arabidopsis thaliana. Plant, Cell and Environment, 2007, 30, 1465-1479.	5.7	31
20	Light-related Loci Controlling Seed Germination in Ler Ã— Cvi and Bay-0 Ã— Sha Recombinant Inbred-line Populations of Arabidopsis thaliana. Annals of Botany, 2008, 102, 631-642.	2.9	30
21	Heterologous Expression of AtBBX21 Enhances the Rate of Photosynthesis and Alleviates Photoinhibition in Solanumtuberosum. Plant Physiology, 2018, 177, 369-380.	4.8	27
22	Manipulation of Light Environment to Produce High-quality Poinsettia Plants. Hortscience: A Publication of the American Society for Hortcultural Science, 2009, 44, 702-706.	1.0	26
23	Physiological responses of spring rapeseed (Brassica napus) to red/farâ€red ratios and irradiance during preâ€and postâ€flowering stages. Physiologia Plantarum, 2014, 152, 784-794.	5.2	24
24	The Heterotrimeric Gâ€protein Complex Modulates Light Sensitivity in Arabidopsis thaliana Seed Germination. Photochemistry and Photobiology, 2009, 85, 949-954.	2.5	23
25	New Arabidopsis Recombinant Inbred Lines (Landsberg erecta Ã— Nossen) Reveal Natural Variation in Phytochrome-Mediated Responses. Plant Physiology, 2005, 138, 1126-1135.	4.8	20
26	Plasticity to simulated shade is associated with altitude in structured populations of <scp>A</scp>rabidopsis thaliana. Plant, Cell and Environment, 2015, 38, 1321-1332.	5.7	19
27	SALT OVERLY SENSITIVE 2 (SOS2) and Interacting Partners SOS3 and ABSCISIC ACIDâ€“INSENSITIVE 2 (ABI2) Promote Red-Light-Dependent Germination and Seedling Deetiolation in Arabidopsis. International Journal of Plant Sciences, 2017, 178, 485-493.	1.3	16
28	A single haplotype hyposensitive to light and requiring strong vernalization dominates Arabidopsis thaliana populations in Patagonia, Argentina. Molecular Ecology, 2017, 26, 3389-3404.	3.9	11
29	BBX21 reduces abscisic acid sensitivity, mesophyll conductance and chloroplast electron transport capacity to increase photosynthesis and water use efficiency in potato plants cultivated under moderated drought. Plant Journal, 2021, 108, 1131-1144.	5.7	11
30	Ultra-High-Density QTL Marker Mapping for Seedling Photomorphogenesis Mediating Arabidopsis Establishment in Southern Patagonia. Frontiers in Plant Science, 2021, 12, 677728.	3.6	3