

# Giorgio Morelli

## List of Publications by Year in descending order

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73  
papers

5,935  
citations

70961

41  
h-index

88477

70  
g-index

85  
all docs

85  
docs citations

85  
times ranked

4646  
citing authors

#	ARTICLE	IF	CITATIONS
1	ATHB2 is a negative regulator of germination in <i>Arabidopsis thaliana</i> seeds. <i>Scientific Reports</i> , 2021, 11, 9688.	1.6	4
2	Coordination of biradial-to-radial symmetry and tissue polarity by HD-ZIP II proteins. <i>Nature Communications</i> , 2021, 12, 4321.	5.8	18
3	DRT111/SFPS Splicing Factor Controls Abscisic Acid Sensitivity during Seed Development and Germination. <i>Plant Physiology</i> , 2020, 183, 793-807.	2.3	11
4	Salinity and ABA Seed Responses in Pepper: Expression and Interaction of ABA Core Signaling Components. <i>Frontiers in Plant Science</i> , 2019, 10, 304.	1.7	20
5	The <sc>PP</sc>2A interactor <sc>TIP</sc>41 modulates <sc>ABA</sc> responses in <i>Arabidopsis thaliana</i>. <i>Plant Journal</i> , 2018, 94, 991-1009.	2.8	28
6	Multiple Pathways in the Control of the Shade Avoidance Response. <i>Plants</i> , 2018, 7, 102.	1.6	34
7	Multiple Links between HD-Zip Proteins and Hormone Networks. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4047.	1.8	31
8	<i>Arabidopsis</i> HD-Zip II proteins regulate the exit from proliferation during leaf development in canopy shade. <i>Journal of Experimental Botany</i> , 2018, 69, 5419-5431.	2.4	26
9	Reduced brain UCP2 expression mediated by microRNA-503 contributes to increased stroke susceptibility in the high-salt fed stroke-prone spontaneously hypertensive rat. <i>Cell Death and Disease</i> , 2017, 8, e2891-e2891.	2.7	29
10	Nutraceutical Improvement Increases the Protective Activity of Broccoli Sprout Juice in a Human Intestinal Cell Model of Gut Inflammation. <i>Pharmaceuticals</i> , 2016, 9, 48.	1.7	21
11	Improvement of the nutraceutical quality of broccoli sprouts by elicitation. <i>Food Chemistry</i> , 2016, 201, 101-109.	4.2	45
12	Protective effects of <i>Brassica oleracea</i> sprouts extract toward renal damage in high-salt-fed SHRSP. <i>Journal of Hypertension</i> , 2015, 33, 1465-1479.	0.3	29
13	Untargeted Metabolomics Reveals Predominant Alterations in Lipid Metabolism Following Light Exposure in Broccoli Sprouts. <i>International Journal of Molecular Sciences</i> , 2015, 16, 13678-13691.	1.8	20
14	Conservation of AtTZF1, AtTZF2, and AtTZF3 homolog gene regulation by salt stress in evolutionarily distant plant species. <i>Frontiers in Plant Science</i> , 2015, 6, 394.	1.7	10
15	Neuroprotective Effect of <i>Brassica oleracea</i> Sprouts Crude Juice in a Cellular Model of Alzheimer's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-17.	1.9	34
16	Interplay of HD-Zip II and III transcription factors in auxin-regulated plant development. <i>Journal of Experimental Botany</i> , 2015, 66, 5043-5053.	2.4	76
17	Negative Feedback Regulation of Auxin Signaling by ATHB8/ACL5-BUD2 Transcription Module. <i>Molecular Plant</i> , 2014, 7, 1006-1025.	3.9	85
18	<i>Arabidopsis</i> HD-Zip II transcription factors control apical embryo development and meristem function. <i>Development (Cambridge)</i> , 2013, 140, 2118-2129.	1.2	99

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19	Dynamics of the Shade-Avoidance Response in Arabidopsis. <i>Plant Physiology</i> , 2013, 163, 331-353.	2.3	84
20	Homeodomain-Leucine zipper II family of transcription factors to the limelight. <i>Plant Signaling and Behavior</i> , 2013, 8, e25447.	1.2	27
21	Plant adaptation to dynamically changing environment: The shade avoidance response. <i>Biotechnology Advances</i> , 2012, 30, 1047-1058.	6.0	155
22	A liquid chromatography-mass spectrometry approach to study glucosinoloma in broccoli sprouts. <i>Journal of Mass Spectrometry</i> , 2012, 47, 1198-1206.	0.7	41
23	GMO Traceability Using Very Short, Locked Nucleic Acid TaqMan Probes. <i>Journal of Biotechnology</i> , 2010, 150, 336-336.	1.9	0
24	The Arabidopsis Homeodomain-leucine Zipper II gene family: diversity and redundancy. <i>Plant Molecular Biology</i> , 2008, 68, 465-478.	2.0	112
25	Collective behavior in gene regulation: Post-transcriptional regulation and the temporal compartmentalization of cellular cycles. <i>FEBS Journal</i> , 2008, 275, 2364-2371.	2.2	20
26	Identification of a novel cis-regulatory element for UV-B-induced transcription in Arabidopsis. <i>Plant Journal</i> , 2008, 54, 402-414.	2.8	51
27	Detection and Quantification of Genetically Modified Organisms Using Very Short, Locked Nucleic Acid TaqMan Probes. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 4320-4327.	2.4	16
28	Embedding mRNA Stability in Correlation Analysis of Time-Series Gene Expression Data. <i>PLoS Computational Biology</i> , 2008, 4, e1000141.	1.5	14
29	A novel regulatory circuit underlying plant response to canopy shade. <i>Plant Signaling and Behavior</i> , 2008, 3, 137-139.	1.2	8
30	INFLUENCE OF AN ARABIDOPSIS DOMINANT NEGATIVE ATHB2 MUTANT ON TOMATO PLANT DEVELOPMENT. <i>Acta Horticulturae</i> , 2008, , 263-276.	0.1	8
31	Canopy shade causes a rapid and transient arrest in leaf development through auxin-induced cytokinin oxidase activity. <i>Genes and Development</i> , 2007, 21, 1863-1868.	2.7	174
32	Dynamic measure of gene co-regulation. <i>IET Systems Biology</i> , 2007, 1, 10-17.	0.8	12
33	Functional Analysis of Transcription Factors by Microparticle Bombardment. , 2006, 323, 231-236.		1
34	A dynamic balance between gene activation and repression regulates the shade avoidance response in Arabidopsis. <i>Genes and Development</i> , 2005, 19, 2811-2815.	2.7	224
35	Modulation of Phospholipid Signaling by GLABRA2 in Root-Hair Pattern Formation. <i>Science</i> , 2003, 300, 1427-1430.	6.0	269
36	Light and shade in the photocontrol of Arabidopsis growth. <i>Trends in Plant Science</i> , 2002, 7, 399-404.	4.3	138

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37	Entopically additive expression of GLABRA2 alters the frequency and spacing of trichome initiation. <i>Plant Journal</i> , 2002, 29, 359-369.	2.8	75
38	Negative autoregulation of the <i>Arabidopsis</i> homeobox gene <i>ATHB-2</i> . <i>Plant Journal</i> , 2001, 25, 389-398.	2.8	72
39	Development of the vascular system in the inflorescence stem of <i>Arabidopsis</i> . <i>New Phytologist</i> , 2001, 151, 381-389.	3.5	84
40	The <i>Arabidopsis</i> <i>ATHB-8</i> HD-Zip Protein Acts as a Differentiation-Promoting Transcription Factor of the Vascular Meristems. <i>Plant Physiology</i> , 2001, 126, 643-655.	2.3	392
41	Shade Avoidance Responses. Driving Auxin along Lateral Routes. <i>Plant Physiology</i> , 2000, 122, 621-626.	2.3	165
42	The <i>Arabidopsis</i> <i>Athb-8</i> , <i>-9</i> and <i>-14</i> genes are members of a small gene family coding for highly related HD-ZIP proteins. <i>Plant Molecular Biology</i> , 1998, 38, 609-622.	2.0	163
43	A Transient Assay for Rapid Functional Analysis of Transcription Factors in <i>Arabidopsis</i> . <i>Plant Molecular Biology Reporter</i> , 1998, 16, 191-191.	1.0	13
44	Homeodomain-Leucine Zipper Proteins in the Control of Plant Growth and Development. , 1998, , 251-262.		6
45	Cellular Integration of Signalling Pathways in Plant Development. , 1998, , .		2
46	DNA-binding specificity of the homeodomain-leucine zipper domain. <i>Journal of Molecular Biology</i> , 1997, 274, 303-309.	2.0	55
47	Phytochrome A, phytochrome B and other phytochrome(s) regulate <i>ATHB-2</i> gene expression in etiolated and green <i>Arabidopsis</i> plants. <i>Plant, Cell and Environment</i> , 1997, 20, 759-763.	2.8	28
48	Twilight-zone and canopy shade induction of the <i>Athb-2</i> homeobox gene in green plants.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 3530-3535.	3.3	156
49	The isoprenoid pathway: cloning and characterization of fungal FPPS genes. <i>Current Genetics</i> , 1996, 30, 232-239.	0.8	55
50	The <i>Arabidopsis</i> <i>Athb-10</i> ( <i>GLABRA2</i> ) is an HD-Zip protein required for regulation of root hair development. <i>Plant Journal</i> , 1996, 10, 393-402.	2.8	340
51	Light induction of the clock-controlled gene <i>ccg-1</i> is not transduced through the circadian clock in <i>Neurospora crassa</i> . <i>Molecular Genetics and Genomics</i> , 1995, 247, 157-163.	2.4	77
52	Ectopic expression of the <i>Arabidopsis</i> transcriptional activator <i>Athb-1</i> alters leaf cell fate in tobacco.. <i>Plant Cell</i> , 1995, 7, 1773-1785.	3.1	188
53	Ectopic Expression of the <i>Arabidopsis</i> Transcriptional Activator <i>Athb-1</i> Alters Leaf Cell Fate in Tobacco. <i>Plant Cell</i> , 1995, 7, 1773.	3.1	58
54	A cDNA encoding <i>Arabidopsis thaliana</i> cytoplasmic ribosomal protein L18. <i>Gene</i> , 1995, 153, 171-174.	1.0	6

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55	Molecular characterization of upstream regulatory sequences controlling the photoinduced expression of the albino-3 gene of <i>Neurospora crassa</i> . <i>Molecular Microbiology</i> , 1994, 13, 787-795.	1.2	69
56	Functional identification of al-3 from <i>Neurospora crassa</i> as the gene for geranylgeranyl pyrophosphate synthase by complementation with crt genes, in vitro characterization of the gene product and mutant analysis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1993, 18, 245-251.	1.7	55
57	The Arabidopsis Athb-2 and -4 genes are strongly induced by far-red-rich light. <i>Plant Journal</i> , 1993, 4, 469-479.	2.8	164
58	[38] Photoregulated carotenoid biosynthetic genes of <i>Neurospora crassa</i> . <i>Methods in Enzymology</i> , 1993, 214, 412-424.	0.4	16

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73	Cytochrome oxidase subunit 2 gene in <i>Neurospora crassa</i> mitochondria. <i>Journal of Biological Chemistry</i> , 1983, 258, 13230-5.	1.6	39