

# Lorenzo Borghi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7004328/publications.pdf>

Version: 2024-02-01

28  
papers

3,476  
citations

279798

23  
h-index

501196

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

4974  
citing authors

#	ARTICLE	IF	CITATIONS
1	A petunia ABC protein controls strigolactone-dependent symbiotic signalling and branching. <i>Nature</i> , 2012, 483, 341-344.	27.8	502
2	MADS-Box Protein Complexes Control Carpel and Ovule Development in Arabidopsis. <i>Plant Cell</i> , 2003, 15, 2603-2611.	6.6	499
3	Beneficial Services of Arbuscular Mycorrhizal Fungi – From Ecology to Application. <i>Frontiers in Plant Science</i> , 2018, 9, 1270.	3.6	337
4	Insight into the evolution of the Solanaceae from the parental genomes of <i>Petunia hybrida</i> . <i>Nature Plants</i> , 2016, 2, 16074.	9.3	311
5	RefGenes: identification of reliable and condition specific reference genes for RT-qPCR data normalization. <i>BMC Genomics</i> , 2011, 12, 156.	2.8	260
6	Polycomb-group proteins repress the floral activator <i>AGL19</i> in the <i>FLC</i> -independent vernalization pathway. <i>Genes and Development</i> , 2006, 20, 1667-1678.	5.9	222
7	Dynamic and Compensatory Responses of Arabidopsis Shoot and Floral Meristems to CLV3 Signaling. <i>Plant Cell</i> , 2006, 18, 1188-1198.	6.6	164
8	<i>Arabidopsis</i> RETINOBLASTOMA-RELATED Is Required for Stem Cell Maintenance, Cell Differentiation, and Lateral Organ Production. <i>Plant Cell</i> , 2010, 22, 1792-1811.	6.6	153
9	<i>Arabidopsis</i> JAGGED LATERAL ORGANS Is Expressed in Boundaries and Coordinates KNOX and PIN Activity. <i>Plant Cell</i> , 2007, 19, 1795-1808.	6.6	133
10	Asymmetric Localizations of the ABC Transporter PaPDR1 Trace Paths of Directional Strigolactone Transport. <i>Current Biology</i> , 2015, 25, 647-655.	3.9	117
11	The role of ABCG-type ABC transporters in phytohormone transport. <i>Biochemical Society Transactions</i> , 2015, 43, 924-930.	3.4	104
12	Emerging roles of RETINOBLASTOMA-RELATED proteins in evolution and plant development. <i>Trends in Plant Science</i> , 2012, 17, 139-148.	8.8	85
13	Fungicide Resistance Evolution and Detection in Plant Pathogens: <i>Plasmopara viticola</i> as a Case Study. <i>Microorganisms</i> , 2021, 9, 119.	3.6	73
14	<i>Arabidopsis</i> replacement histone variant H3.3 occupies promoters of regulated genes. <i>Genome Biology</i> , 2014, 15, R62.	9.6	60
15	The importance of strigolactone transport regulation for symbiotic signaling and shoot branching. <i>Planta</i> , 2016, 243, 1351-1360.	3.2	57
16	RETINOBLASTOMA-RELATED PROTEIN controls the transition to autotrophic plant development. <i>Development (Cambridge)</i> , 2011, 138, 2977-2986.	2.5	53
17	Inducible Gene Expression Systems for Plants. <i>Methods in Molecular Biology</i> , 2010, 655, 65-75.	0.9	48
18	Changes in the allocation of endogenous strigolactone improve plant biomass production on phosphate-poor soils. <i>New Phytologist</i> , 2018, 217, 784-798.	7.3	48

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19	The Full-Size ABCG Transporter of <i>Medicago truncatula</i> Is Involved in Strigolactone Secretion, Affecting Arbuscular Mycorrhiza. <i>Frontiers in Plant Science</i> , 2020, 11, 18.	3.6	43
20	<i>Petunia</i> - and <i>Arabidopsis</i> -Specific Root Microbiota Responses to Phosphate Supplementation. <i>Phytobiomes Journal</i> , 2019, 3, 112-124.	2.7	37
21	ABCC transporters mediate the vacuolar accumulation of crocins in saffron stigmas. <i>Plant Cell</i> , 2019, 31, tpc.00193.2019.	6.6	36
22	<i>Petunia hybrida</i> PDR2 is involved in herbivore defense by controlling steroidal contents in trichomes. <i>Plant, Cell and Environment</i> , 2016, 39, 2725-2739.	5.7	34
23	Filling the Gap: Functional Clustering of ABC Proteins for the Investigation of Hormonal Transport in plants. <i>Frontiers in Plant Science</i> , 2019, 10, 422.	3.6	29
24	Strigolactones Play an Important Role in Shaping Exodermal Morphology via a KAI2-Dependent Pathway. <i>IScience</i> , 2019, 17, 144-154.	4.1	24
25	<i>Petunia</i> PLEIOTROPIC DRUG RESISTANCE 1 Is a Strigolactone Short-Distance Transporter with Long-Distance Outcomes. <i>Plant and Cell Physiology</i> , 2019, 60, 1722-1733.	3.1	17
26	Simulated microgravity and the antagonistic influence of strigolactone on plant nutrient uptake in low nutrient conditions. <i>Npj Microgravity</i> , 2018, 4, 20.	3.7	13
27	DMI-Fungicide Resistance in <i>Venturia nashicola</i> , the Causal Agent of Asian Pear Scab—How Reliable Are Mycelial Growth Tests in Culture?. <i>Microorganisms</i> , 2021, 9, 1377.	3.6	8
28	Efficiency and bioavailability of new synthetic strigolactone mimics with potential for sustainable agronomical applications. <i>Plant and Soil</i> , 2021, 465, 109-123.	3.7	7