

Robin Vanden Bossche

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,369
citations

471509

17
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1779
citing authors

#	ARTICLE	IF	CITATIONS
1	FRS7 and FRS12 recruit NINJA to regulate expression of glucosinolate biosynthesis genes. <i>New Phytologist</i> , 2020, 227, 1124-1137.	7.3	17
2	A Seed-Specific Regulator of Triterpene Saponin Biosynthesis in <i>Medicago truncatula</i> . <i>Plant Cell</i> , 2020, 32, 2020-2042.	6.6	30
3	A MYC2/MYC3/MYC4-dependent transcription factor network regulates water spray-responsive gene expression and jasmonate levels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23345-23356.	7.1	95
4	The MYB transcription factor Emission of Methyl Anthranilate 1 stimulates emission of methyl anthranilate from <i>Medicago truncatula</i> hairy roots. <i>Plant Journal</i> , 2019, 99, 637-654.	5.7	10
5	An engineered combinatorial module of transcription factors boosts production of monoterpenoid indole alkaloids in <i>Catharanthus roseus</i> . <i>Metabolic Engineering</i> , 2018, 48, 150-162.	7.0	70
6	The transcriptional repressor complex FRS7-FRS12 regulates flowering time and growth in <i>Arabidopsis</i> . <i>Nature Communications</i> , 2017, 8, 15235.	12.8	54
7	Hypersensitivity of <i>Arabidopsis</i> TAXIMIN1 overexpression lines to light stress is correlated with decreased sinapoyl malate abundance and countered by the antibiotic cefotaxime. <i>Plant Signaling and Behavior</i> , 2016, 11, e1143998.	2.4	2
8	Clade IVa Basic Helix-Loop-Helix Transcription Factors Form Part of a Conserved Jasmonate Signaling Circuit for the Regulation of Bioactive Plant Terpenoid Biosynthesis. <i>Plant and Cell Physiology</i> , 2016, 57, 2564-2575.	3.1	33
9	Functional characterization of the <i>Arabidopsis</i> transcription factor bZIP29 reveals its role in leaf and root development. <i>Journal of Experimental Botany</i> , 2016, 67, 5825-5840.	4.8	78
10	The basic helix-loop-helix transcription factor BIS2 is essential for monoterpenoid indole alkaloid production in the medicinal plant <i>Catharanthus roseus</i> . <i>Plant Journal</i> , 2016, 88, 3-12.	5.7	98
11	The bHLH Transcription Factors TSAR1 and TSAR2 Regulate Triterpene Saponin Biosynthesis in <i>Medicago truncatula</i> . <i>Plant Physiology</i> , 2016, 170, 194-210.	4.8	152
12	Transcript profiling of jasmonate-elicited <i>Taxus</i> cells reveals a phenylalanine-CoA ligase. <i>Plant Biotechnology Journal</i> , 2016, 14, 85-96.	8.3	41
13	OSC2 and CYP716A14v2 Catalyze the Biosynthesis of Triterpenoids for the Cuticle of Aerial Organs of <i>Artemisia annua</i> . <i>Plant Cell</i> , 2015, 27, 286-301.	6.6	96
14	The bHLH transcription factor BIS1 controls the iridoid branch of the monoterpenoid indole alkaloid pathway in <i>Catharanthus roseus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8130-8135.	7.1	176
15	A Repressor Protein Complex Regulates Leaf Growth in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2015, 27, 2273-2287.	6.6	118
16	The RING E3 Ligase KEEP ON GOING Modulates JASMONATE ZIM-DOMAIN12 Stability. <i>Plant Physiology</i> , 2015, 169, 1405-1417.	4.8	76
17	The Non-JAZ TIFY Protein TIFY8 from <i>Arabidopsis thaliana</i> Is a Transcriptional Repressor. <i>PLoS ONE</i> , 2014, 9, e84891.	2.5	55
18	Selection and validation of reference genes for transcript normalization in gene expression studies in <i>Catharanthus roseus</i> . <i>Plant Physiology and Biochemistry</i> , 2014, 83, 20-25.	5.8	29

#	ARTICLE	IF	CITATIONS
19	The protein quality control system manages plant defence compound synthesis. <i>Nature</i> , 2013, 504, 148-152.	27.8	99
20	Transient Expression Assays in Tobacco Protoplasts. <i>Methods in Molecular Biology</i> , 2013, 1011, 227-239.	0.9	40