

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	The bHLH transcription factor BIS1 controls the iridoid branch of the monoterpenoid indole alkaloid pathway in <i>Catharanthus roseus</i> . Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8130-8135.	7.1	176
2	The bHLH Transcription Factors TSAR1 and TSAR2 Regulate Triterpene Saponin Biosynthesis in <i>Medicago truncatula</i> . Plant Physiology, 2016, 170, 194-210.	4.8	152
3	A Repressor Protein Complex Regulates Leaf Growth in Arabidopsis. Plant Cell, 2015, 27, 2273-2287.	6.6	118
4	The protein quality control system manages plant defence compound synthesis. Nature, 2013, 504, 148-152.	27.8	99
5	The basic helix-loop-helix transcription factor <i>BIS2</i> is essential for monoterpenoid indole alkaloid production in the medicinal plant <i>Catharanthus roseus</i> . Plant Journal, 2016, 88, 3-12.	5.7	98
6	OSC2 and CYP716A14v2 Catalyze the Biosynthesis of Triterpenoids for the Cuticle of Aerial Organs of <i>Artemisia annua</i> . Plant Cell, 2015, 27, 286-301.	6.6	96
7	A MYC2/MYC3/MYC4-dependent transcription factor network regulates water spray-responsive gene expression and jasmonate levels. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23345-23356.	7.1	95
8	Functional characterization of the Arabidopsis transcription factor bZIP29 reveals its role in leaf and root development. Journal of Experimental Botany, 2016, 67, 5825-5840.	4.8	78
9	The RING E3 Ligase KEEP ON GOING Modulates JASMONATE ZIM-DOMAIN12 Stability. Plant Physiology, 2015, 169, 1405-1417.	4.8	76
10	An engineered combinatorial module of transcription factors boosts production of monoterpenoid indole alkaloids in <i>Catharanthus roseus</i> . Metabolic Engineering, 2018, 48, 150-162.	7.0	70
11	The Non-JAZ TIFY Protein TIFY8 from Arabidopsis thaliana Is a Transcriptional Repressor. PLoS ONE, 2014, 9, e84891.	2.5	55
12	The transcriptional repressor complex FRS7-FRS12 regulates flowering time and growth in Arabidopsis. Nature Communications, 2017, 8, 15235.	12.8	54
13	Transcript profiling of jasmonate-elicited <i>Taxus</i> cells reveals a <i>phenylalanine-CoA</i> ligase. Plant Biotechnology Journal, 2016, 14, 85-96.	8.3	41
14	Transient Expression Assays in Tobacco Protoplasts. Methods in Molecular Biology, 2013, 1011, 227-239.	0.9	40
15	Clade IVa Basic Helix-Loop-Helix Transcription Factors Form Part of a Conserved Jasmonate Signaling Circuit for the Regulation of Bioactive Plant Terpenoid Biosynthesis. Plant and Cell Physiology, 2016, 57, 2564-2575.	3.1	33
16	A Seed-Specific Regulator of Triterpene Saponin Biosynthesis in <i>Medicago truncatula</i> . Plant Cell, 2020, 32, 2020-2042.	6.6	30
17	Selection and validation of reference genes for transcript normalization in gene expression studies in <i>Catharanthus roseus</i> . Plant Physiology and Biochemistry, 2014, 83, 20-25.	5.8	29
18	FRS7 and FRS12 recruit NINJA to regulate expression of glucosinolate biosynthesis genes. New Phytologist, 2020, 227, 1124-1137.	7.3	17

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19	The <sc>MYB</sc> transcription factor Emission of Methyl Anthranilate 1 stimulates emission of methyl anthranilate from <i>Medicago truncatula</i> hairy roots. Plant Journal, 2019, 99, 637-654.	5.7	10
20	Hypersensitivity of ArabidopsisTAXIMIN1overexpression lines to light stress is correlated with decreased sinapoyl malate abundance and countered by the antibiotic cefotaxime. Plant Signaling and Behavior, 2016, 11, e1143998.	2.4	2