

# Jonas Goossens

## List of Publications by Year in descending order

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159  
papers

15,349  
citations

18482

62  
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19190

118  
g-index

171  
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171  
docs citations

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times ranked

14522  
citing authors

#	ARTICLE	IF	CITATIONS
1	SKIX8 and SKIX9 are negative regulators of leaf and fruit growth in tomato. <i>Plant Physiology</i> , 2022, 188, 382-396.	4.8	12
2	Overview of Witloof Chicory ( <i>Cichorium intybus</i> L.) Discolorations and Their Underlying Physiological and Biochemical Causes. <i>Frontiers in Plant Science</i> , 2022, 13, 843004.	3.6	2
3	Jasmonate: A hormone of primary importance for plant metabolism. <i>Current Opinion in Plant Biology</i> , 2022, 67, 102197.	7.1	34
4	Touch signaling and thigmomorphogenesis are regulated by complementary CAMTA3- and JA-dependent pathways. <i>Science Advances</i> , 2022, 8, .	10.3	22
5	Transient Gene Expression in <i>Catharanthus roseus</i> Flower Petals Using Agroinfiltration. <i>Methods in Molecular Biology</i> , 2022, , 281-291.	0.9	2
6	Engineering a highly sensitive biosensor for abscisic acid in mammalian cells. <i>FEBS Letters</i> , 2022, 596, 2576-2590.	2.8	2
7	The basic <sc>helix&scloop&sc</sc> transcription factors <sc>MYC1</sc> and <sc>MYC2</sc> have a dual role in the regulation of constitutive and <sc>stress&scinducible</sc> specialized metabolism in tomato. <i>New Phytologist</i> , 2022, 236, 911-928.	7.3	15
8	Engineering Metabolism in <i>Nicotiana</i> Species: A Promising Future. <i>Trends in Biotechnology</i> , 2021, 39, 901-913.	9.3	35
9	Modulation of <i>Arabidopsis</i> root growth by specialized triterpenes. <i>New Phytologist</i> , 2021, 230, 228-243.	7.3	20
10	Dissecting cholesterol and phytosterol biosynthesis via mutants and inhibitors. <i>Journal of Experimental Botany</i> , 2021, 72, 241-253.	4.8	16
11	The Heat Shock Protein 40-Type Chaperone MASH Supports the Endoplasmic Reticulum-Associated Degradation E3 Ubiquitin Ligase MAKIBISH1 in <i>Medicago truncatula</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 639625.	3.6	3
12	Why and How to Dig into Plant Metabolite&scProtein Interactions. <i>Trends in Plant Science</i> , 2021, 26, 472-483.	8.8	32
13	Subfunctionalization of Paralog Transcription Factors Contributes to Regulation of Alkaloid Pathway Branch Choice in <i>Catharanthus roseus</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 687406.	3.6	10
14	A network of stress-related genes regulates hypocotyl elongation downstream of selective auxin perception. <i>Plant Physiology</i> , 2021, 187, 430-445.	4.8	4
15	An Independent Evolutionary Origin for Insect Deterrent Cucurbitacins in <i>Iberis amara</i> . <i>Molecular Biology and Evolution</i> , 2021, 38, 4659-4673.	8.9	8
16	Warm temperature triggers JOX and ST2A-mediated jasmonate catabolism to promote plant growth. <i>Nature Communications</i> , 2021, 12, 4804.	12.8	20
17	Pathogen Effectors: Exploiting the Promiscuity of Plant Signaling Hubs. <i>Trends in Plant Science</i> , 2021, 26, 780-795.	8.8	36
18	Within and beyond organelle engineering: strategies for increased terpene production in yeasts and plants. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021, 33, 100572.	5.9	5

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19	RBR-Type E3 Ligases and the Ubiquitin-Conjugating Enzyme UBC26 Regulate Abscisic Acid Receptor Levels and Signaling. <i>Plant Physiology</i> , 2020, 182, 1723-1742.	4.8	33
20	The Molecular Basis of JAZ-MYC Coupling, a Protein-Protein Interface Essential for Plant Response to Stressors. <i>Frontiers in Plant Science</i> , 2020, 11, 1139.	3.6	6
21	Establishment of Proximity-Dependent Biotinylation Approaches in Different Plant Model Systems. <i>Plant Cell</i> , 2020, 32, 3388-3407.	6.6	91
22	Establishment of CRISPR/Cas9 Genome Editing in Witloof ( <i>Cichorium intybus</i> var. <i>foliosum</i> ). <i>Frontiers in Genome Editing</i> , 2020, 2, 604876.	5.2	27
23	Combinatorial Control of Plant Specialized Metabolism: Mechanisms, Functions, and Consequences. <i>Annual Review of Cell and Developmental Biology</i> , 2020, 36, 291-313.	9.4	33
24	A hairy-root transformation protocol for <i>Trigonella foenum-graecum</i> L. as a tool for metabolic engineering and specialised metabolite pathway elucidation. <i>Plant Physiology and Biochemistry</i> , 2020, 154, 451-462.	5.8	11
25	Boosting the Synthesis of Pharmaceutically Active Abietane Diterpenes in <i>S. sclarea</i> Hairy Roots by Engineering the GGPPS and CPPS Genes. <i>Frontiers in Plant Science</i> , 2020, 11, 924.	3.6	13
26	Phytohormones: Multifunctional nutraceuticals against metabolic syndrome and comorbid diseases. <i>Biochemical Pharmacology</i> , 2020, 175, 113866.	4.4	15
27	FRS7 and FRS12 recruit NINJA to regulate expression of glucosinolate biosynthesis genes. <i>New Phytologist</i> , 2020, 227, 1124-1137.	7.3	17
28	A Seed-Specific Regulator of Triterpene Saponin Biosynthesis in <i>Medicago truncatula</i> . <i>Plant Cell</i> , 2020, 32, 2020-2042.	6.6	30
29	CRISPR-Cas-Mediated Gene Knockout in Tomato. <i>Methods in Molecular Biology</i> , 2020, 2083, 321-341.	0.9	6
30	Jasmonates: what ALLENE OXIDE SYNTHASE does for plants. <i>Journal of Experimental Botany</i> , 2019, 70, 3373-3378.	4.8	40
31	CYP712K4 Catalyzes the C-29 Oxidation of Friedelin in the <i>Maytenus ilicifolia</i> Quinone Methide Triterpenoid Biosynthesis Pathway. <i>Plant and Cell Physiology</i> , 2019, 60, 2510-2522.	3.1	22
32	Regulatory Oxylipins Anno 2019: Jasmonates Galore in the Plant Oxylipin Research Community. <i>Plant and Cell Physiology</i> , 2019, 60, 2609-2612.	3.1	5
33	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
34	Jasmonate and auxin perception: how plants keep F-boxes in check. <i>Journal of Experimental Botany</i> , 2019, 70, 3401-3414.	4.8	16
35	Integrated metabolomics identifies CYP72A67 and CYP72A68 oxidases in the biosynthesis of <i>Medicago truncatula</i> oleanate saponin. <i>Metabolomics</i> , 2019, 15, 85.	3.0	26
36	A specialized metabolic network selectively modulates <i>Arabidopsis</i> root microbiota. <i>Science</i> , 2019, 364, .	12.6	470

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37	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
38	Metabolic editing: small measures, great impact. <i>Current Opinion in Biotechnology</i> , 2019, 59, 16-23.	6.6	9
39	A widespread alternative squalene epoxidase participates in eukaryote steroid biosynthesis. <i>Nature Microbiology</i> , 2019, 4, 226-233.	13.3	64
40	Triterpene Messages from the EU-FP7 Project TriForC. <i>Trends in Plant Science</i> , 2018, 23, 273-276.	8.8	4
41	Combinatorial Transcriptional Control of Plant Specialized Metabolism. <i>Trends in Plant Science</i> , 2018, 23, 324-336.	8.8	75
42	The TriForC database: a comprehensive up-to-date resource of plant triterpene biosynthesis. <i>Nucleic Acids Research</i> , 2018, 46, D586-D594.	14.5	40
43	A user-friendly platform for yeast two-hybrid library screening using next generation sequencing. <i>PLoS ONE</i> , 2018, 13, e0201270.	2.5	30
44	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
45	Arabidopsis Leaf Flatness Is Regulated by PPD2 and NINJA through Repression of <i>CYCLIN D3</i> Genes. <i>Plant Physiology</i> , 2018, 178, 217-232.	4.8	50
46	Co-expression of squalene epoxidases with triterpene cyclases boosts production of triterpenoids in plants and yeast. <i>Metabolic Engineering</i> , 2018, 49, 1-12.	7.0	38
47	A Dual sgRNA Approach for Functional Genomics in <i>Arabidopsis thaliana</i> . <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 2603-2615.	1.8	37
48	Review: Endoplasmic Reticulum-Associated Degradation (ERAD)-Dependent Control of (Tri)terpenoid Metabolism in Plants. <i>Planta Medica</i> , 2018, 84, 874-880.	1.3	10
49	A Single Oxidosqualene Cyclase Produces the <i>Seco</i> -Triterpenoid $\hat{\pm}$ -Onocerin. <i>Plant Physiology</i> , 2018, 176, 1469-1484.	4.8	18
50	STERILE APETALA modulates the stability of a repressor protein complex to control organ size in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2018, 14, e1007218.	3.5	45
51	Role and functioning of bHLH transcription factors in jasmonate signalling. <i>Journal of Experimental Botany</i> , 2017, 68, erw440.	4.8	156
52	An endoplasmic reticulum-engineered yeast platform for overproduction of triterpenoids. <i>Metabolic Engineering</i> , 2017, 40, 165-175.	7.0	128
53	The ancient CYP716 family is a major contributor to the diversification of eudicot triterpenoid biosynthesis. <i>Nature Communications</i> , 2017, 8, 14153.	12.8	128
54	The transcription factor bZIP14 regulates the TCA cycle in the diatom <i>Phaeodactylum tricornutum</i> . <i>EMBO Journal</i> , 2017, 36, 1559-1576.	7.8	64

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55	The transcriptional repressor complex FRS7-FRS12 regulates flowering time and growth in Arabidopsis. <i>Nature Communications</i> , 2017, 8, 15235.	12.8	54
56	Synthetic biology approaches for the production of plant metabolites in unicellular organisms. <i>Journal of Experimental Botany</i> , 2017, 68, 4057-4074.	4.8	42
57	Strobilurins as growth-promoting compounds: how Strobilurin regulates Arabidopsis leaf growth. <i>Plant, Cell and Environment</i> , 2017, 40, 1748-1760.	5.7	21
58	Plant cholesterol biosynthetic pathway overlaps with phytosterol metabolism. <i>Nature Plants</i> , 2017, 3, 16205.	9.3	201
59	Identification of Iridoid Glucoside Transporters in <i>Catharanthus roseus</i> . <i>Plant and Cell Physiology</i> , 2017, 58, 1507-1518.	3.1	39
60	A translational synthetic biology platform for rapid access to gram-scale quantities of novel drug-like molecules. <i>Metabolic Engineering</i> , 2017, 42, 185-193.	7.0	146
61	Abscisic Acid as Pathogen Effector and Immune Regulator. <i>Frontiers in Plant Science</i> , 2017, 8, 587.	3.6	145
62	Plants for human health: greening biotechnology and synthetic biology. <i>Journal of Experimental Botany</i> , 2017, 68, 4009-4011.	4.8	24
63	The Ubiquitin System and Jasmonate Signaling. <i>Plants</i> , 2016, 5, 6.	3.5	43
64	Cloning and Functional Characterization of Cycloartenol Synthase from the Red Seaweed <i>Laurencia dendroidea</i> . <i>PLoS ONE</i> , 2016, 11, e0165954.	2.5	20
65	Synthetic biology for production of natural and new nature terpenoids in photosynthetic organisms. <i>Plant Journal</i> , 2016, 87, 16-37.	5.7	52
66	Hypersensitivity of Arabidopsis TAX1MIN1 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
67	Flux balance analysis of primary metabolism in the diatom <i>Phaeodactylum tricornutum</i> . <i>Plant Journal</i> , 2016, 85, 161-176.	5.7	70
68	Jasmonates: signal transduction components and their roles in environmental stress responses. <i>Plant Molecular Biology</i> , 2016, 91, 673-689.	3.9	155
69	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
70	Functional characterization of the Arabidopsis transcription factor bZIP29 reveals its role in leaf and root development. <i>Journal of Experimental Botany</i> , 2016, 67, 5825-5840.	4.8	78
71	The Arabidopsis Iron-Sulfur Protein GRXS17 is a Target of the Ubiquitin E3 Ligases RGLG3 and RGLG4. <i>Plant and Cell Physiology</i> , 2016, 57, 1801-1813.	3.1	16
72	Glutaredoxin GRXS17 Associates with the Cytosolic Iron-Sulfur Cluster Assembly Pathway. <i>Plant Physiology</i> , 2016, 172, pp.00261.2016.	4.8	35

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73	Redundancy and specificity in jasmonate signalling. <i>Current Opinion in Plant Biology</i> , 2016, 33, 147-156.	7.1	295
74	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> . <i>Plant Journal</i> , 2016, 88, 3-12.	5.7	98
75	Isolation of protein complexes from the model legume <i>Medicago truncatula</i> by tandem affinity purification in hairy root cultures. <i>Plant Journal</i> , 2016, 88, 476-489.	5.7	20
76	Saponin determination, expression analysis and functional characterization of saponin biosynthetic genes in <i>Chenopodium quinoa</i> leaves. <i>Plant Science</i> , 2016, 250, 188-197.	3.6	80
77	Lessons from Domestication: Targeting Cis-Regulatory Elements for Crop Improvement. <i>Trends in Plant Science</i> , 2016, 21, 506-515.	8.8	151
78	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
79	GAME9 regulates the biosynthesis of steroidal alkaloids and upstream isoprenoids in the plant mevalonate pathway. <i>Nature Communications</i> , 2016, 7, 10654.	12.8	239
80	It's Time for Some Seeing: Novel Tools to Monitor the Ubiquitin Landscape in <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , 2016, 28, 6-16.	6.6	84
81	Profiling of the Early Nitrogen Stress Response in the Diatom <i>Phaeodactylum tricornutum</i> Reveals a Novel Family of RING-Domain Transcription Factors. <i>Plant Physiology</i> , 2016, 170, 489-498.	4.8	40
82	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
83	Change of a conserved amino acid in the <i>MYC2</i> and <i>MYC3</i> transcription factors leads to release of <i>JAZ</i> repression and increased activity. <i>New Phytologist</i> , 2015, 206, 1229-1237.	7.3	75
84	Multilayered Organization of Jasmonate Signalling in the Regulation of Root Growth. <i>PLoS Genetics</i> , 2015, 11, e1005300.	3.5	106
85	Unraveling the Triterpenoid Saponin Biosynthesis of the African Shrub <i>Maesa lanceolata</i> . <i>Molecular Plant</i> , 2015, 8, 122-135.	8.3	63
86	Iridoid Synthase Activity Is Common among the Plant Progesterone 5 $\beta$ -Reductase Family. <i>Molecular Plant</i> , 2015, 8, 136-152.	8.3	57
87	It Is Easy to Get Huge Candidate Gene Lists for Plant Metabolism Now, but How to Get Beyond?. <i>Molecular Plant</i> , 2015, 8, 2-5.	8.3	22
88	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
89	The bHLH transcription factor <i>BIS1</i> 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
90	A Repressor Protein Complex Regulates Leaf Growth in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2015, 27, 2273-2287.	6.6	118

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91	The RING E3 Ligase KEEP ON GOING Modulates JASMONATE ZIM-DOMAIN12 Stability. <i>Plant Physiology</i> , 2015, 169, 1405-1417.	4.8	76
92	Overexpression of the <i>Arabidopsis thaliana</i> signalling peptide TAXIMIN1 affects lateral organ development. <i>Journal of Experimental Botany</i> , 2015, 66, 5337-5349.	4.8	13
93	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
94	Involvement of the Leaf-Specific Multidrug and Toxic Compound Extrusion (MATE) Transporter Nt-JAT2 in Vacuolar Sequestration of Nicotine in <i>Nicotiana tabacum</i> . <i>PLoS ONE</i> , 2014, 9, e108789.	2.5	59
95	It Is Easy to Get Huge Candidate Gene Lists for Plant Metabolism Now, but How to Get Beyond?. <i>Molecular Plant</i> , 2014, , .	8.3	9
96	A rational approach to improving the biotechnological production of taxanes in plant cell cultures of <i>Taxus</i> spp.. <i>Biotechnology Advances</i> , 2014, 32, 1157-1167.	11.7	123
97	Combinatorial biosynthesis of sapogenins and saponins in <i>Saccharomyces cerevisiae</i> using a C-16 $\alpha$ hydroxylase from <i>Bupleurum falcatum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1634-1639.	7.1	173
98	Natural product biosynthesis in <i>Medicago</i> species. <i>Natural Product Reports</i> , 2014, 31, 356.	10.3	81
99	Unravelling the Triterpenoid Saponin Biosynthesis of the African Shrub <i>Maesa lanceolata</i> . <i>Molecular Plant</i> , 2014, , .	8.3	0
100	Comparative analysis of CYP93E proteins for improved microbial synthesis of plant triterpenoids. <i>Phytochemistry</i> , 2014, 108, 47-56.	2.9	46
101	Taximin, a conserved plant-specific peptide is involved in the modulation of plant-specialized metabolism. <i>Plant Biotechnology Journal</i> , 2014, 12, 971-983.	8.3	30
102	Iridoid Synthase Activity Is Common among the Plant Progesterone 5 $\alpha$ -Reductase Family. <i>Molecular Plant</i> , 2014, , .	8.3	1
103	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
104	Tracking the sterol biosynthesis pathway of the diatom <i>Phaeodactylum tricorutum</i> . <i>New Phytologist</i> , 2014, 204, 521-535.	7.3	73
105	The seco-iridoid pathway from <i>Catharanthus roseus</i> . <i>Nature Communications</i> , 2014, 5, 3606.	12.8	355
106	The protein quality control system manages plant defence compound synthesis. <i>Nature</i> , 2013, 504, 148-152.	27.8	99
107	Differential transcriptome analysis of glandular and filamentous trichomes in <i>Artemisia annua</i> . <i>BMC Plant Biology</i> , 2013, 13, 220.	3.6	106
108	Bioengineering of plant (tri)terpenoids: from metabolic engineering of plants to synthetic biology <i>in vivo</i> and <i>in vitro</i> . <i>New Phytologist</i> , 2013, 200, 27-43.	7.3	194

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109	Coronatine, a more powerful elicitor for inducing taxane biosynthesis in <i>Taxus media</i> cell cultures than methyl jasmonate. <i>Journal of Plant Physiology</i> , 2013, 170, 211-219.	3.5	113
110	Yeast Two-Hybrid Analysis of Jasmonate Signaling Proteins. <i>Methods in Molecular Biology</i> , 2013, 1011, 173-185.	0.9	27
111	Transient Expression Assays in Tobacco Protoplasts. <i>Methods in Molecular Biology</i> , 2013, 1011, 227-239.	0.9	40
112	Metabolite Profiling of Plant Tissues by Liquid Chromatography Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2013, 1011, 277-286.	0.9	6
113	cDNA-AFLP-Based Transcript Profiling for Genome-Wide Expression Analysis of Jasmonate-Treated Plants and Plant Cultures. <i>Methods in Molecular Biology</i> , 2013, 1011, 287-303.	0.9	9
114	Analysis of RNA-Seq Data with TopHat and Cufflinks for Genome-Wide Expression Analysis of Jasmonate-Treated Plants and Plant Cultures. <i>Methods in Molecular Biology</i> , 2013, 1011, 305-315.	0.9	68
115	Predicting Gene Function from Uncontrolled Expression Variation among Individual Wild-Type <i>Arabidopsis</i> Plants. <i>Plant Cell</i> , 2013, 25, 2865-2877.	6.6	50
116	CathaCyc, a Metabolic Pathway Database Built from <i>Catharanthus roseus</i> RNA-Seq Data. <i>Plant and Cell Physiology</i> , 2013, 54, 673-685.	3.1	116
117	Salicylic Acid Suppresses Jasmonic Acid Signaling Downstream of SCFCO11-JAZ by Targeting GCC Promoter Motifs via Transcription Factor ORA59. <i>Plant Cell</i> , 2013, 25, 744-761.	6.6	381
118	Protein-Protein and Protein-Membrane Associations in the Lignin Pathway. <i>Plant Cell</i> , 2012, 24, 4465-4482.	6.6	131
119	Transcriptional machineries in jasmonate-elicited plant secondary metabolism. <i>Trends in Plant Science</i> , 2012, 17, 349-359.	8.8	467
120	A MultiSite Gateway™ vector set for the functional analysis of genes in the model <i>Saccharomyces cerevisiae</i> . <i>BMC Molecular Biology</i> , 2012, 13, 30.	3.0	21
121	Evaluation of the Anti-angiogenic Activity of Saponins from <i>Maesa lanceolata</i> by Different Assays. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	5
122	CHARACTERIZATION OF A RABE (RAS GENE FROM RAT BRAIN E) GTPASE EXPRESSED DURING MORPHOGENESIS IN THE UNICELLULAR GREEN ALGA <i>MICRASTERIAS DENTICULATA</i> (ZYGNETOPHYCEAE, STREPTOPHYTA). <i>Journal of Phycology</i> , 2012, 48, 682-692.	2.3	7
123	Oleanolic acid. <i>Phytochemistry</i> , 2012, 77, 10-15.	2.9	403
124	The metabolic blueprint of <i>Phaeodactylum tricornutum</i> reveals a eukaryotic Entner-Doudoroff glycolytic pathway. <i>Plant Journal</i> , 2012, 70, 1004-1014.	5.7	124
125	Jasmonate signaling involves the abscisic acid receptor PYL4 to regulate metabolic reprogramming in <i>Arabidopsis</i> and tobacco. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5891-5896.	7.1	228
126	The JAZ Proteins: A Crucial Interface in the Jasmonate Signaling Cascade. <i>Plant Cell</i> , 2011, 23, 3089-3100.	6.6	547

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127	Metabolite Profiling of Triterpene Saponins in <i>Medicago truncatula</i> Hairy Roots by Liquid Chromatography Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Journal of Natural Products</i> , 2011, 74, 1462-1476.	3.0	96
128	An Integrated PCR Colony Hybridization Approach to Screen cDNA Libraries for Full-Length Coding Sequences. <i>PLoS ONE</i> , 2011, 6, e24978.	2.5	5
129	APETALA2/ETHYLENE RESPONSE FACTOR and basic helix-loop-helix tobacco transcription factors cooperatively mediate jasmonate-elicited nicotine biosynthesis. <i>Plant Journal</i> , 2011, 66, 1053-1065.	5.7	191
130	Dissection of the phytohormonal regulation of trichome formation and biosynthesis of the antimalarial compound artemisinin in <i>Artemisia annua</i> plants. <i>New Phytologist</i> , 2011, 189, 176-189.	7.3	192
131	Combinatorial biosynthesis in plants: A (p)review on its potential and future exploitation. <i>Natural Product Reports</i> , 2011, 28, 1897.	10.3	64
132	Transcriptional analysis of cell growth and morphogenesis in the unicellular green alga <i>Micrasterias</i> (Streptophyta), with emphasis on the role of expansin. <i>BMC Plant Biology</i> , 2011, 11, 128.	3.6	34
133	The <i>Arabidopsis</i> bHLH Transcription Factors MYC3 and MYC4 Are Targets of JAZ Repressors and Act Additively with MYC2 in the Activation of Jasmonate Responses. <i>Plant Cell</i> , 2011, 23, 701-715.	6.6	906
134	NINJA connects the co-repressor TOPLESS to jasmonate signalling. <i>Nature</i> , 2010, 464, 788-791.	27.8	832
135	Hormone-mediated promotion of trichome initiation in plants is conserved but utilizes species and trichome-specific regulatory mechanisms. <i>Plant Signaling and Behavior</i> , 2010, 5, 205-207.	2.4	64
136	Dissection of the one-MegaDalton JAZ1 protein complex. <i>Plant Signaling and Behavior</i> , 2010, 5, 1039-1041.	2.4	19
137	Vacuolar transport of nicotine is mediated by a multidrug and toxic compound extrusion (MATE) transporter in <i>Nicotiana tabacum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2447-2452.	7.1	255
138	Expression of the <i>Arabidopsis</i> jasmonate signalling repressor <i>JAZ1</i> is stimulated by auxin. <i>EMBO Reports</i> , 2009, 10, 923-928.	4.5	184
139	Jasmonate-inducible gene: what does it mean?. <i>Trends in Plant Science</i> , 2009, 14, 87-91.	8.8	320
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