Ian A Dubery

List of Publications by Year
in descending order

189 papers	6,005 citations	87888 38 h-index	98798 67 g-index
191 all docs	191 docs citations	191 times ranked	6165 citing authors

#	Article	IF	Citations
1	Gas chromatographic profiling of the biocatalytic conversion of sclareol to ambradiol by Hyphozyma roseoniger. Biocatalysis and Biotransformation, 2022, 40, 308-312.	2.0	6
2	Comparative Metabolite Profiling of Wheat Cultivars (Triticum aestivum) Reveals Signatory Markers for Resistance and Susceptibility to Stripe Rust and Aluminium (Al3+) Toxicity. Metabolites, 2022, 12, 98.	2.9	13
3	Metabolomics-Guided Analysis of the Biocatalytic Conversion of Sclareol to Ambradiol by Hyphozyma roseoniger. Catalysts, 2022, 12, 55.	3.5	6
4	Rhizosphere Tripartite Interactions and PGPR-Mediated Metabolic Reprogramming towards ISR and Plant Priming: A Metabolomics Review. Biology, 2022, 11, 346.	2.8	33
5	Metabolomic Characterisation of Discriminatory Metabolites Involved in Halo Blight Disease in Oat Cultivars Caused by Pseudomonas syringae pv. coronafaciens. Metabolites, 2022, 12, 248.	2.9	6
6	Hordatines and Associated Precursors Dominate Metabolite Profiles of Barley (Hordeum vulgare L.) Seedlings: A Metabolomics Study of Five Cultivars. Metabolites, 2022, 12, 310.	2.9	4
7	Untargeted Metabolomics Profiling of Arabidopsis WT, lbr-2-2 and bak1-4 Mutants Following Treatment with Two LPS Chemotypes. Metabolites, 2022, 12, 379.	2.9	4
8	Plasma Membrane-Associated Proteins Identified in Arabidopsis Wild Type, lbr2-2 and bak1-4 Mutants Treated with LPSs from PseudomonasÂsyringae and Xanthomonas campestris. Membranes, 2022, 12, 606.	3.0	1
9	Molecular mechanisms associated with microbial biostimulant-mediated growth enhancement, priming and drought stress tolerance in maize plants. Scientific Reports, 2022, 12, .	3.3	24
10	Hydroxycinnamate Amides: Intriguing Conjugates of Plant Protective Metabolites. Trends in Plant Science, 2021, 26, 184-195.	8.8	51
11	Application of Plant Growth Regulators Modulates the Profile of Chlorogenic Acids in Cultured Bidens pilosa Cells. Plants, 2021, 10, 437.	3.5	13
12	Metabolomics for Biomarker Discovery: Key Signatory Metabolic Profiles for the Identification and Discrimination of Oat Cultivars. Metabolites, 2021, 11, 165.	2.9	20
13	A Metabolomic Landscape of Maize Plants Treated With a Microbial Biostimulant Under Well-Watered and Drought Conditions. Frontiers in Plant Science, 2021, 12, 676632.	3.6	36
14	Metabolomic Evaluation of Tissue-Specific Defense Responses in Tomato Plants Modulated by PGPR-Priming against Phytophthora capsici Infection. Plants, 2021, 10, 1530.	3.5	21
15	Plant Responses to Abiotic Stresses and Rhizobacterial Biostimulants: Metabolomics and Epigenetics Perspectives. Metabolites, 2021, 11, 457.	2.9	28
16	A Metabolomics Approach and Chemometric Tools for Differentiation of Barley Cultivars and Biomarker Discovery. Metabolites, 2021, 11, 578.	2.9	11
17	Altered metabolomic states elicited by Flg22 and FlgII-28 in Solanum lycopersicum: intracellular perturbations and metabolite defenses. BMC Plant Biology, 2021, 21, 429.	3.6	9
18	Soil Salinity, a Serious Environmental Issue and Plant Responses: A Metabolomics Perspective. Metabolites, 2021, 11, 724.	2.9	34

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19	A Global Metabolic Map Defines the Effects of a Si-Based Biostimulant on Tomato Plants under Normal and Saline Conditions. Metabolites, 2021, 11, 820.	2.9	6
20	Metabolomic Evaluation of Ralstonia solanacearum Cold Shock Protein Peptide (csp22)-Induced Responses in Solanum lycopersicum. Frontiers in Plant Science, 2021, 12, 803104.	3.6	8
21	The presence of oxygenated lipids in plant defense in response to biotic stress: a metabolomics appraisal. Plant Signaling and Behavior, 2021, 16, 1989215.	2.4	18
22	Rhizobacteria-induced systemic tolerance against drought stress in Sorghum bicolor (L.) Moench. Microbiological Research, 2020, 232, 126388.	5.3	69
23	Profiling of Altered Metabolomic States in Bidens pilosa Leaves in Response to Treatment by Methyl Jasmonate and Methyl Salicylate. Plants, 2020, 9, 1275.	3.5	8
24	Identification of MAMP-Responsive Plasma Membrane-Associated Proteins in Arabidopsis thaliana Following Challenge with Different LPS Chemotypes from Xanthomonas campestris. Pathogens, 2020, 9, 787.	2.8	14
25	Lipopolysaccharide perception in Arabidopsis thaliana: Diverse LPS chemotypes from Burkholderia cepacia, Pseudomonas syringae and Xanthomonas campestris trigger differential defence-related perturbations in the metabolome. Plant Physiology and Biochemistry, 2020, 156, 267-277.	5.8	11
26	Concurrent Metabolic Profiling and Quantification of Aromatic Amino Acids and Phytohormones in Solanum lycopersicum Plants Responding to Phytophthora capsici. Metabolites, 2020, 10, 466.	2.9	14
27	Rhizobacteria-induced systemic resilience in Sorghum bicolor (L.) moench against Fusarium pseudograminearum crown rot under drought stress conditions. Biological Control, 2020, 151, 104395.	3.0	10
28	Lipopolysaccharides trigger synthesis of the allelochemical sorgoleone in cell cultures of Sorghum bicolor. Plant Signaling and Behavior, 2020, 15, 1796340.	2.4	2
29	Ambrafuran (AmbroxTM) Synthesis from Natural Plant Product Precursors. Molecules, 2020, 25, 3851.	3.8	13
30	Biostimulants for Plant Growth and Mitigation of Abiotic Stresses: A Metabolomics Perspective. Metabolites, 2020, 10, 505.	2.9	116
31	Profiling of Chlorogenic Acids from Bidens pilosa and Differentiation of Closely Related Positional Isomers with the Aid of UHPLC-QTOF-MS/MS-Based In-Source Collision-Induced Dissociation. Metabolites, 2020, 10, 178.	2.9	38
32	Metabolomics: A Tool for Cultivar Phenotyping and Investigation of Grain Crops. Agronomy, 2020, 10, 831.	3.0	40
33	Adaptive defence-related changes in the metabolome of Sorghum bicolor cells in response to lipopolysaccharides of the pathogen Burkholderia andropogonis. Scientific Reports, 2020, 10, 7626.	3.3	18
34	Application of an agitation-assisted dispersed solvent microextraction for analysis of naphthalene and its derivatives from aqueous matrices. Environmental Monitoring and Assessment, 2020, 192, 494.	2.7	0
35	Prospects of Gene Knockouts in the Functional Study of MAMP-Triggered Immunity: A Review. International Journal of Molecular Sciences, 2020, 21, 2540.	4.1	10
36	Metabolic Profiling of PGPR-Treated Tomato Plants Reveal Priming-Related Adaptations of Secondary Metabolites and Aromatic Amino Acids. Metabolites, 2020, 10, 210.	2.9	44

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37	Mass Spectrometric Approaches to Study the Metabolism of Jasmonates: Biotransformation of Exogenously Supplemented Methyl Jasmonate by Cell Suspension Cultures of Moringa oleifera. Methods in Molecular Biology, 2020, 2085, 211-226.	0.9	5
38	The Disruptive 4IR in the Life Sciences: Metabolomics. Lecture Notes in Electrical Engineering, 2020, , 227-256.	0.4	4
39	Metabolomic Profiling of the Host Response of Tomato (Solanum lycopersicum) Following Infection by Ralstonia solanacearum. International Journal of Molecular Sciences, 2019, 20, 3945.	4.1	54
40	Differential Metabolic Reprogramming in Paenibacillus alvei-Primed Sorghum bicolor Seedlings in Response to Fusarium pseudograminearum Infection. Metabolites, 2019, 9, 150.	2.9	19
41	Habituated Moringa oleifera callus retains metabolic responsiveness to external plant growth regulators. Plant Cell, Tissue and Organ Culture, 2019, 137, 249-264.	2.3	5
42	Extraction of phthalic acid esters from soil samples using aqueous room temperature sonication coupled to bubble-in-drop single-drop microextraction. International Journal of Environmental Analytical Chemistry, 2019, 99, 1198-1210.	3.3	9
43	GCâ€“MS based profiling of alkanes in the filamentous yeast Hyphozyma roseoniger (Moesziomyces) Tj ETQq1 1 0.784314 rgBT /Ove	2.2	2
44	Time-resolved decoding of metabolic signatures of in vitro growth of the hemibiotrophic pathogen Colletotrichum sublineolum. Scientific Reports, 2019, 9, 3290.	3.3	12
45	Identification of Candidate Ergosterol-Responsive Proteins Associated with the Plasma Membrane of Arabidopsis thaliana. International Journal of Molecular Sciences, 2019, 20, 1302.	4.1	17
46	miR393 regulation of lectin receptor-like kinases associated with LPS perception in Arabidopsis thaliana. Biochemical and Biophysical Research Communications, 2019, 513, 88-92.	2.1	6
47	Deciphering the Resistance Mechanism of Tomato Plants Against Whitefly-Mediated Tomato Curly Stunt Virus Infection through Ultra-High-Performance Liquid Chromatography Coupled to Mass Spectrometry (UHPLC-MS)-Based Metabolomics Approaches. Metabolites, 2019, 9, 60.	2.9	11
48	Untargeted Metabolomics Reveal Defensome-Related Metabolic Reprogramming in Sorghum bicolor against Infection by Burkholderia andropogonis. Metabolites, 2019, 9, 8.	2.9	41
49	Comparison of Soxhlet and reflux techniques for extraction and characterisation of potential endocrine-disrupting compounds from solid waste dumpsite soil. Environmental Monitoring and Assessment, 2019, 191, 149.	2.7	7
50	Unravelling the Metabolic Reconfiguration of the Post-Challenge Primed State in Sorghum bicolor Responding to Colletotrichum sublineolum Infection. Metabolites, 2019, 9, 194.	2.9	22
51	Metabolomics-guided investigations of unintended effects of the expression of the hydroxycinnamoyl quinate hydroxycinnamoyltransferase (hqt1) gene from Cynara cardunculus var. scolymus in Nicotiana tabacum cell cultures. Plant Physiology and Biochemistry, 2018, 127, 287-298.	5.8	15
52	Differential extraction of phytochemicals from the multipurpose tree, Moringa oleifera, using green extraction solvents. South African Journal of Botany, 2018, 115, 81-89.	2.5	47
53	Mass spectrometry in untargeted liquid chromatography/mass spectrometry metabolomics: Electrospray ionisation parameters and global coverage of the metabolome. Rapid Communications in Mass Spectrometry, 2018, 32, 121-132.	1.5	18
54	Comparative Metabolic Phenotyping of Tomato (Solanum lycopersicum) for the Identification of Metabolic Signatures in Cultivars Differing in Resistance to Ralstonia solanacearum. International Journal of Molecular Sciences, 2018, 19, 2558.	4.1	33

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55	Rapid Screening of Volatile Organic Compounds from Aframomum danielli Seeds Using Headspace Solid Phase Microextraction Coupled to Gas Chromatography Mass Spectrometry. International Journal of Analytical Chemistry, 2018, 2018, 1-7.	1.0	5
56	Revising Reverse-Phase Chromatographic Behavior for Efficient Differentiation of Both Positional and Geometrical Isomers of Dicaffeoylquinic Acids. Journal of Analytical Methods in Chemistry, 2018, 2018, 1-11.	1.6	7
57	The Chemistry of Plantâ€“Microbe Interactions in the Rhizosphere and the Potential for Metabolomics to Reveal Signaling Related to Defense Priming and Induced Systemic Resistance. Frontiers in Plant Science, 2018, 9, 112.	3.6	338
58	Metabolomics in Plant Priming Research: The Way Forward?. International Journal of Molecular Sciences, 2018, 19, 1759.	4.1	83
59	Metabolomic Analysis of Defense-Related Reprogramming in Sorghum bicolor in Response to Colletotrichum sublineolum Infection Reveals a Functional Metabolic Web of Phenylpropanoid and Flavonoid Pathways. Frontiers in Plant Science, 2018, 9, 1840.	3.6	83
60	Metabolite profiling of the undifferentiated cultured cells and differentiated leaf tissues of Centella asiatica. Plant Cell, Tissue and Organ Culture, 2017, 129, 431-443.	2.3	14
61	Structural Elucidation of cis/trans Dicaffeoylquinic Acid Photoisomerization Using Ion Mobility Spectrometry-Mass Spectrometry. Journal of Physical Chemistry Letters, 2017, 8, 1381-1388.	4.6	45
62	Proteomic analysis of Arabidopsis plasma membranes reveals lipopolysaccharide-responsive changes. Biochemical and Biophysical Research Communications, 2017, 486, 1137-1142.	2.1	5
63	Deciphering the influence of column chemistry and mass spectrometry settings for the analyses of geometrical isomers of L-chicoric acid. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1052, 73-81.	2.3	8
64	Untargeted metabolomics analysis reveals dynamic changes in azelaic acid- and salicylic acid derivatives in LPS-treated Nicotiana tabacum cells. Biochemical and Biophysical Research Communications, 2017, 482, 1498-1503.	2.1	7
65	Identification of lipopolysaccharide-interacting plasma membrane-type proteins in Arabidopsis thaliana. Plant Physiology and Biochemistry, 2017, 111, 155-165.	5.8	23
66	Gamma radiation treatment activates glucomoringin synthesis in Moringa oleifera. Revista Brasileira De Farmacognosia, 2017, 27, 569-575.	1.4	6
67	Functional Roles of microRNAs in Agronomically Important Plantsâ€”Potential as Targets for Crop Improvement and Protection. Frontiers in Plant Science, 2017, 8, 378.	3.6	184
68	A Metabolomics-Guided Exploration of the Phytochemical Constituents of Vernonia fastigiata with the Aid of Pressurized Hot Water Extraction and Liquid Chromatography-Mass Spectrometry. Molecules, 2017, 22, 1200.	3.8	26
69	Similar, but different: structurally related azelaic acid and hexanoic acid trigger differential metabolomic and transcriptomic responses in tobacco cells. BMC Plant Biology, 2017, 17, 227.	3.6	25
70	The Effect of Geometrical Isomerism of 3,5-Dicaffeoylquinic Acid on Its Binding Affinity to HIV-Integrase Enzyme: A Molecular Docking Study. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-9.	1.2	17
71	A Conversation on Data Mining Strategies in LC-MS Untargeted Metabolomics: Pre-Processing and Pre-Treatment Steps. Metabolites, 2016, 6, 40.	2.9	62
72	The Lipopolysaccharide-Induced Metabolome Signature in Arabidopsis thaliana Reveals Dynamic Reprogramming of Phytoalexin and Phytoanticipin Pathways. PLoS ONE, 2016, 11, e0163572.	2.5	30

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73	Phenylpropanoid Defences in Nicotiana tabacum Cells: Overlapping Metabolomes Indicate Common Aspects to Priming Responses Induced by Lipopolysaccharides, Chitosan and Flagellin-22. PLoS ONE, 2016, 11, e0151350.	2.5	46
74	Stimulatory Effects of Acibenzolar-S-Methyl on Chlorogenic Acids Biosynthesis in Centella asiatica Cells. Frontiers in Plant Science, 2016, 7, 1469.	3.6	6
75	Profiling of Altered Metabolomic States in Nicotiana tabacum Cells Induced by Priming Agents. Frontiers in Plant Science, 2016, 7, 1527.	3.6	44
76	Preferential alkali metal adduct formation by cis geometrical isomers of dicaffeoylquinic acids allows for efficient discrimination from their trans isomers during ultraâ€highâ€performance liquid chromatography/quadrupole timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 1011-1018.	1.5	32
77	Influence of the geometric isomers on the radical scavenging properties of 3,5-dicaffeoylquinic acid: A DFT study in vacuo and in solution. Journal of Theoretical and Computational Chemistry, 2016, 15, 1650052.	1.8	3
78	Simultaneous analysis of defenseâ€related phytohormones in Arabidopsis thaliana responding to fungal infection. Applications in Plant Sciences, 2016, 4, 1600013.	2.1	19
79	Alternative splicing of the receptorâ€like kinase Ntâ€Sdâ€<scp>RLK</scp> in tobacco cells responding to lipopolysaccharides: suggestive of a role in pathogen surveillance and perception?. FEBS Letters, 2016, 590, 3628-3638.	2.8	13
80	Functional characterization of a defense-related class-III chitinase promoter from Lupinus albus, active in legume and monocot tissues. European Journal of Plant Pathology, 2016, 146, 923-936.	1.7	0
81	Detailed Molecular Characterisation of the Transgenic Potato Line, AppA6, Modified with the Apple (Malus domestica) Polygalacturonase Inhibiting Protein 1 (pgip1) Gene. Potato Research, 2016, 59, 129-147.	2.7	1
82	Chlorogenic Acids Biosynthesis in Centella asiatica Cells Is not Stimulated by Salicylic Acid Manipulation. Applied Biochemistry and Biotechnology, 2016, 179, 685-696.	2.9	11
83	Distribution patterns of flavonoids from three Momordica species by ultra-high performance liquid chromatography quadrupole time of flight mass spectrometry: a metabolomic profiling approach. Revista Brasileira De Farmacognosia, 2016, 26, 507-513.	1.4	29
84	Perturbation of pharmacologically relevant polyphenolic compounds in Moringa oleifera against photo-oxidative damages imposed by gamma radiation. Journal of Photochemistry and Photobiology B: Biology, 2016, 156, 79-86.	3.8	44
85	Optimization of Pressurized Hot Water Extraction of Flavonoids from Momordica foetida Using UHPLC-qTOF-MS and Multivariate Chemometric Approaches. Food Analytical Methods, 2016, 9, 1480-1489.	2.6	22
86	The potential of mass spectrometry imaging in plant metabolomics: a review. Phytochemistry Reviews, 2016, 15, 297-316.	6.5	58
87	Isonitrosoacetophenone Drives Transcriptional Reprogramming in Nicotiana tabacum Cells in Support of Innate Immunity and Defense. PLoS ONE, 2015, 10, e0117377.	2.5	9
88	Comparative conventional- and quantum dot-labeling strategies for LPS binding site detection in Arabidopsis thaliana mesophyll protoplasts. Frontiers in Plant Science, 2015, 6, 335.	3.6	11
89	In silico characterization and expression analysis of selected Arabidopsis receptor-like kinase genes responsive to different MAMP inducers. Biologia Plantarum, 2015, 59, 18-28.	1.9	11
90	Metabolomic fingerprinting of primed tobacco cells provide the first evidence for the biological origin of cis-chlorogenic acid. Biotechnology Letters, 2015, 37, 205-209.	2.2	17

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91	Lipopolysaccharide perception leads to dynamic alterations in the microtranscriptome of Arabidopsis thaliana cells and leaf tissues. BMC Plant Biology, 2015, 15, 79.	3.6	18
92	In silico analysis of the polygalacturonase inhibiting protein 1 from apple, Malus domestica. BMC Research Notes, 2015, 8, 76.	1.4	6
93	Metabolomics-derived insights into the manipulation of terpenoid synthesis in Centella asiatica cells by methyl jasmonate. Plant Biotechnology Reports, 2015, 9, 125-136.	1.5	25
94	Secondary metabolite perturbations in Phaseolus vulgaris leaves due to gamma radiation. Plant Physiology and Biochemistry, 2015, 97, 287-295.	5.8	27
95	Analyses of chlorogenic acids and related cinnamic acid derivatives from Nicotiana tabacumtissues with the aid of UPLC-QTOF-MS/MS based on the in-source collision-induced dissociation method. Chemistry Central Journal, 2014, 8, 66.	2.6	116
96	Priming agents of plant defence stimulate the accumulation of mono- and di-acylated quinic acids in cultured tobacco cells. Physiological and Molecular Plant Pathology, 2014, 88, 61-66.	2.5	41
97	Metabolomic insights into the bioconversion of isonitrosoacetophenone in Arabidopsis thaliana and its effects on defense-related pathways. Plant Physiology and Biochemistry, 2014, 84, 87-95.	5.8	8
98	Multivariate statistical models of metabolomic data reveals different metabolite distribution patterns in isonitrosoacetophenone-elicited Nicotiana tabacum and Sorghum bicolor cells. SpringerPlus, 2014, 3, 254.	1.2	45
99	Ergosterol, an orphan fungal microbeâ€associated molecular pattern (<scp>MAMP</scp>). Molecular Plant Pathology, 2014, 15, 747-761.	4.2	58
100	Multi-Platform Metabolomic Analyses of Ergosterol-Induced Dynamic Changes in Nicotiana tabacum Cells. PLoS ONE, 2014, 9, e87846.	2.5	53
101	ACP-DDRT-PCR-based transcriptional profiling of differentially-expressed genes (DEGs) in Arabidopsis thaliana following ergosterol elicitation. South African Journal of Science and Technology, 2014, 33, .	0.1	0
102	Molecular characterisation of two homoeologous elicitor-responsive lipin genes in cotton. Molecular Genetics and Genomics, 2013, 288, 519-533.	2.1	3
103	Metabolomic analysis of isonitrosoacetophenone-induced perturbations in phenolic metabolism of Nicotiana tabacum cells. Phytochemistry, 2013, 94, 82-90.	2.9	13
104	The Short and Long of it: Shorter Chromatographic Analysis Suffice for Sample Classification During UHPLC-MS-Based Metabolic Fingerprinting. Chromatographia, 2013, 76, 279-285.	1.3	7
105	Identification and Molecular Characterisation of a Lectin Receptor-like Kinase (GhLecRK-2) from Cotton. Plant Molecular Biology Reporter, 2013, 31, 9-20.	1.8	12
106	Plant metabolomics: A new frontier in phytochemical analysis. South African Journal of Science, 2013, 109, 11.	0.7	125
107	Metabolomic Analysis of Methyl Jasmonate-Induced Triterpenoid Production in the Medicinal Herb Centella asiatica (L.) Urban. Molecules, 2013, 18, 4267-4281.	3.8	50
108	Distinct carbohydrate and lipid-based molecular patterns within lipopolysaccharides fromBurkholderia cepaciacontribute to defense-associated differential gene expression inArabidopsis thaliana. Innate Immunity, 2012, 18, 140-154.	2.4	48

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109	Nonself Perception in Plant Innate Immunity. Advances in Experimental Medicine and Biology, 2012, 738, 79-107.	1.6	13
110	Molecular characterisation and regulation of a Nicotiana tabacum S-domain receptor-like kinase gene induced during an early rapid response to lipopolysaccharides. Gene, 2012, 501, 39-48.	2.2	43
111	The NAC transcription factor gene ANAC072 is differentially expressed in Arabidopsis thaliana in response to microbe-associated molecular pattern (MAMP) molecules. Physiological and Molecular Plant Pathology, 2012, 80, 19-27.	2.5	10
112	Ergosterol-Induced Sesquiterpenoid Synthesis in Tobacco Cells. Molecules, 2012, 17, 1698-1715.	3.8	25
113	Collision energy alteration during mass spectrometric acquisition is essential to ensure unbiased metabolomic analysis. Analytical and Bioanalytical Chemistry, 2012, 404, 367-372.	3.7	26
114	Activation of camalexin biosynthesis in Arabidopsis thaliana in response to perception of bacterial lipopolysaccharides: a gene-to-metabolite study. Planta, 2012, 236, 261-272.	3.2	20
115	Molecular characterization of an elicitor-responsive Armadillo repeat gene (GhARM) from cotton (Gossypium hirsutum). Molecular Biology Reports, 2012, 39, 8513-8523.	2.3	8
116	Biotransformation of isonitrosoacetophenone (2-keto-2-phenyl-acetaldoxime) in tobacco cell suspensions. Biotechnology Letters, 2012, 34, 1351-1356.	2.2	5
117	Quantification of camalexin, a phytoalexin from Arabidopsis thaliana: A comparison of five analytical methods. Analytical Biochemistry, 2011, 419, 260-265.	2.4	9
118	Deciphering the structural and biological properties of the lipid A moiety of lipopolysaccharides from Burkholderia cepacia strain ASP B 2D, in Arabidopsis thaliana. Glycobiology, 2011, 21, 184-194.	2.5	33
119	Identification and quantification of triterpenoid centelloids inCentella asiatica(L.) Urban by densitometric TLC. Journal of Planar Chromatography - Modern TLC, 2011, 24, 82-87.	1.2	48
120	Lipopolysaccharide mobility in leaf tissue of Arabidopsis thaliana. Molecular Plant Pathology, 2010, 11, 747-755.	4.2	19
121	Self/non-self perception in plants in innate immunity and defense. Self/nonself, 2010, 1, 40-54.	2.0	81
122	Exoâ€Î²â€•1,3â€Glucanase from Yeast Inhibits Colletotrichum lupini and Botrytis cinerea Spore Germination. Journal of Phytopathology, 2009, 157, 1-6.	1.0	5
123	Pentacyclic Triterpenoids from the Medicinal Herb, Centella asiatica (L.) Urban. Molecules, 2009, 14, 3922-3941.	3.8	253
124	Characterisation of two phenotypes of Centella asiatica in Southern Africa through the composition of four triterpenoids in callus, cell suspensions and leaves. Plant Cell, Tissue and Organ Culture, 2008, 94, 91-99.	2.3	39
125	Proteomic profiling of cellular targets of lipopolysaccharide-induced signalling in Nicotiana tabacum BY-2 cells. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2008, 1784, 1750-1762.	2.3	34
126	Self/nonself perception and recognition mechanisms in plants: a comparison of selfâ€incompatibility and innate immunity. New Phytologist, 2008, 178, 503-514.	7.3	101

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127	Identification of a cytochrome P450 cDNA (CYP98A5) from Phaseolus vulgaris, inducible by 3,5-dichlorosalicylic acid and 2,6-dichloro isonicotinic acid. Journal of Plant Physiology, 2007, 164, 421-428.	3.5	11
128	Expression of mitochondrial tatC in Nicotiana tabacum is responsive to benzothiadiazole and salicylic acid. Journal of Plant Physiology, 2007, 164, 1231-1234.	3.5	6
129	The O-specific polysaccharide structure from the lipopolysaccharide of the Gram-negative bacterium Raoultella terrigena. Carbohydrate Research, 2007, 342, 1514-1518.	2.3	16
130	An elicitor-and pathogen-induced cdna from potato encodes a stress-responsive cyclophilin. Biologia Plantarum, 2007, 51, 327-332.	1.9	10
131	Differential display profiling of the Nicotiana response to LPS reveals elements of plant basal resistance. Biochemical and Biophysical Research Communications, 2006, 344, 1001-1007.	2.1	47
132	Benzothiadiazole inhibits mitochondrial NADH:ubiquinone oxidoreductase in tobacco. Journal of Plant Physiology, 2006, 163, 877-882.	3.5	24
133	Antioxidant Activity of Metabolites from Coleonema Album (Rutaceae). Natural Product Communications, 2006, 1, 1934578X0600100.	0.5	4
134	Antimicrobial Compounds from Coleonema album (Rutaceae). Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2006, 61, 489-498.	1.4	16
135	Apple polygalacturonase inhibiting protein1 expressed in transgenic tobacco inhibits polygalacturonases from fungal pathogens of apple and the anthracnose pathogen of lupins. Phytochemistry, 2006, 67, 255-263.	2.9	31
136	Lipopolysaccharide-responsive phosphoproteins inÂNicotianaÂtabacum cells. Plant Physiology and Biochemistry, 2006, 44, 369-379.	5.8	48
137	The O-chain structure from the LPS of the endophytic bacterium Burkholderia cepacia strain ASP B 2D. Carbohydrate Research, 2006, 341, 2954-2958.	2.3	15
138	Early activation of cell wall strengthening-related gene transcription in cotton by a Verticillium dahliae elicitor. South African Journal of Botany, 2006, 72, 467-472.	2.5	3
139	From The Cover: Innate immunity in Arabidopsis thaliana: Lipopolysaccharides activate nitric oxide synthase (NOS) and induce defense genes. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15811-15816.	7.1	588
140	Identification of a lipopolysaccharide responsive erk-like MAP kinase in tobacco leaf tissue. Molecular Plant Pathology, 2004, 5, 331-341.	4.2	37
141	Fluorescence microplate assay for the detection of oxidative burst products in tobacco cell suspensions using 2?,7?-dichlorofluorescein. Cytotechnology, 2004, 25, 115-122.	0.7	36
142	Early perception responses of Nicotiana tabacum cells in response to lipopolysaccharides from Burkholderia cepacia. Planta, 2004, 218, 647-657.	3.2	92
143	Identification and quantification of gossypol in cotton by using packed micro-tips columns in combination with HPLC. Analytical and Bioanalytical Chemistry, 2004, 380, 719-724.	3.7	13
144	Protein phosphorylation in Nicotiana tabacum cells in response to perception of lipopolysaccharides from Burkholderia cepacia. Phytochemistry, 2004, 65, 2957-2966.	2.9	34

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145	Soluble and wall-bound phenolics and phenolic polymers in Musa acuminata roots exposed to elicitors from Fusarium oxysporum f.sp. cubense. Phytochemistry, 2003, 63, 679-686.	2.9	167
146	Identification and quantification of methyl jasmonate in leaf volatiles of Arabidopsis thaliana using solid-phase microextraction in combination with gas chromatography and mass spectrometry. Phytochemical Analysis, 2003, 14, 155-159.	2.4	26
147	Enhanced Detection of Chemiluminescence Intensity during an Oxidative Burst Reaction in Suspension Cultured Nicotiana tabacum Cells through the Use of Ficoll. Analytical Biochemistry, 2002, 306, 152-154.	2.4	4
148	Lipopolysaccharides from Burkholderia cepacia contribute to an enhanced defensive capacity and the induction of pathogenesis-related proteins in Nicotianae tabacum. Physiological and Molecular Plant Pathology, 2001, 58, 149-158.	2.5	85
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