Simon P Robinson

List of Publications by Year
in descending order

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104 papers	13,082 citations	34016 52 h-index	30010 103 g-index
104 all docs	104 docs citations	104 times ranked	8454 citing authors

#	Article	IF	Citations
1	Transgenic grapevines with decreased expression of tannin synthesis genes have altered grape and wine flavonoid composition. Australian Journal of Grape and Wine Research, 2021, 27, 106-117.	1.0	3
2	Grape and wine flavonoid composition in transgenic grapevines with altered expression of flavonoid hydroxylase genes. Australian Journal of Grape and Wine Research, 2019, 25, 293-306.	1.0	13
3	Buckwheat R2R3 MYB transcription factor FeMYBF1 regulates flavonol biosynthesis. Plant Science, 2018, 274, 466-475.	1.7	60
4	A grapevine anthocyanin acyltransferase, transcriptionally regulated by VvMYBA, can produce most acylated anthocyanins present in grape skins. Plant Physiology, 2015, 169, pp.01255.2015.	2.3	113
5	Transcriptional regulation of the three grapevine chalcone synthase genes and their role in flavonoid synthesis in Shiraz. Australian Journal of Grape and Wine Research, 2013, 19, 221-229.	1.0	25
6	The Grapevine R2R3-MYB Transcription Factor VvMYBF1 Regulates Flavonol Synthesis in Developing Grape Berries. Plant Physiology, 2009, 151, 1513-1530.	2.3	383
7	The Transcription Factor VvMYB5b Contributes to the Regulation of Anthocyanin and Proanthocyanidin Biosynthesis in Developing Grape Berries Â Â. Plant Physiology, 2008, 147, 2041-2053.	2.3	358
8	Exclusion of sunlight from Shiraz grapes alters wine colour, tannin and sensory properties. Australian Journal of Grape and Wine Research, 2007, 13, 53-65.	1.0	194
9	The Grapevine Transcription Factor VvMYBPA1 Regulates Proanthocyanidin Synthesis during Fruit Development. Plant Physiology, 2007, 143, 1347-1361.	2.3	497
10	White grapes arose through the mutation of two similar and adjacent regulatory genes. Plant Journal, 2007, 49, 772-785.	2.8	596
11	Light-Induced Expression of a MYB Gene Regulates Anthocyanin Biosynthesis in Red Apples. Plant Physiology, 2006, 142, 1216-1232.	2.3	867
12	Condensed tannin biosynthesis genes are regulated separately from other flavonoid biosynthesis genes in apple fruit skin. Plant Science, 2006, 170, 487-499.	1.7	114
13	Two new grape cultivars, bud sports of Cabernet Sauvignon bearing pale-coloured berries, are the result of deletion of two regulatory genes of the berry colour locus. Plant Molecular Biology, 2006, 62, 623-635.	2.0	136
14	Identification of the Flavonoid Hydroxylases from Grapevine and Their Regulation during Fruit Development. Plant Physiology, 2006, 140, 279-291.	2.3	272
15	Proanthocyanidin Synthesis and Expression of Genes Encoding Leucoanthocyanidin Reductase and Anthocyanidin Reductase in Developing Grape Berries and Grapevine Leaves. Plant Physiology, 2005, 139, 652-663.	2.3	444
16	The effect of bunch shading on berry development and flavonoid accumulation in Shiraz grapes. Australian Journal of Grape and Wine Research, 2004, 10, 55-73.	1.0	404
17	Analysis of tannins in seeds and skins of Shiraz grapes throughout berry development. Australian Journal of Grape and Wine Research, 2003, 9, 15-27.	1.0	313
18	Synthesis of flavonols and expression of flavonol synthase genes in the developing grape berries of Shiraz and Chardonnay (Vitis vinifera L.). Australian Journal of Grape and Wine Research, 2003, 9, 110-121.	1.0	221

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19	Blackheart development following chilling in fruit of susceptible and resistant pineapple cultivars. Australian Journal of Experimental Agriculture, 2002, 42, 195.	1.0	18
20	Molecular cloning and characterisation of banana fruit polyphenol oxidase. Planta, 2001, 213, 748-757.	1.6	88
21	Expression patterns of cell wall-modifying enzymes during grape berry development. Planta, 2001, 214, 257-264.	1.6	172
22	Construct design for efficient, effective and high-throughput gene silencing in plants. Plant Journal, 2001, 27, 581-590.	2.8	1,368
23	Polyphenol oxidase is induced by chilling and wounding in pineapple. Functional Plant Biology, 2001, 28, 181.	1.1	27
24	Characterization of polyphenol oxidase in coffee. Phytochemistry, 2000, 55, 285-296.	1.4	113
25	Gene technology and future foods. Asia Pacific Journal of Clinical Nutrition, 2000, 9, S113-S118.	0.3	2
26	Differential Screening Indicates a Dramatic Change in mRNA Profiles during Grape Berry Ripening. Cloning and Characterization of cDNAs Encoding Putative Cell Wall and Stress Response Proteins. Plant Physiology, 2000, 122, 803-812.	2.3	217
27	Molecular biology of grape berry ripening. Australian Journal of Grape and Wine Research, 2000, 6, 175-188.	1.0	121
28	Induction of different pathogenesis-related cDNAs in grapevine infected with powdery mildew and treated with ethephon. Plant Pathology, 1999, 48, 325-336.	1.2	139
29	Three putative sucrose transporters are differentially expressed in grapevine tissues. Plant Science, 1999, 147, 93-100.	1.7	123
30	Chitinase and Î²-1,3-glucanase in grapevine leaves: a possible defence against powdery mildew infection. Australian Journal of Grape and Wine Research, 1998, 4, 14-22.	1.0	100
31	Changes in Cell Wall Composition during Ripening of Grape Berries. Plant Physiology, 1998, 118, 783-792.	2.3	229
32	A Class IV Chitinase Is Highly Expressed in Grape Berries during Ripening. Plant Physiology, 1997, 114, 771-778.	2.3	189
33	Treatment of Grape Berries, a Nonclimacteric Fruit with a Synthetic Auxin, Retards Ripening and Alters the Expression of Developmentally Regulated Genes. Plant Physiology, 1997, 115, 1155-1161.	2.3	245
34	Isolation and characterization of cell walls from the mesocarp of mature grape berries (Vitis vinifera) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	21
35	Isolation and characterization of cell walls from the mesocarp of mature grape berries (Vitis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.6	57
36	Analysis of the Expression of Anthocyanin Pathway Genes in Developing Vitis vinifera L. cv Shiraz Grape Berries and the Implications for Pathway Regulation. Plant Physiology, 1996, 111, 1059-1066.	2.3	633

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37	Sugar Accumulation in Grape Berries (Cloning of Two Putative Vacuolar Invertase cDNAs and Their) Tj ETQq1 1 0.784314 rgBT /Overlo	2.3	292
38	Amounts of glycosides in grapevine organs during berry development. Australian Journal of Grape and Wine Research, 1996, 2, 59-63.	1.0	8
39	Anthocyanin composition and anthocyanin pathway gene expression in grapevine sports differing in berry skin colour. Australian Journal of Grape and Wine Research, 1996, 2, 163-170.	1.0	140
40	Expression of anthocyanin biosynthesis pathway genes in red and white grapes. Plant Molecular Biology, 1996, 32, 565-569.	2.0	352
41	Isolation of a full-length cDNA encoding polyphenol oxidase from sugarcane, a C4 grass. Plant Molecular Biology, 1996, 31, 1233-1238.	2.0	34
42	Polyembryony in Citrus (Accumulation of Seed Storage Proteins in Seeds and in Embryos Cultured in) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.3	61
43	Biosynthesis of flavour compounds in Muscat Gordo Blanco grape berries. Australian Journal of Grape and Wine Research, 1995, 1, 19-24.	1.0	47
44	Polyphenol Oxidase in Potato (A Multigene Family That Exhibits Differential Expression Patterns). Plant Physiology, 1995, 109, 525-531.	2.3	160
45	Molecular cloning and characterisation of grape berry polyphenol oxidase. Plant Molecular Biology, 1994, 26, 495-502.	2.0	105
46	Contribution of Enzymic Browning to Color in Sugarcane Juice. Journal of Agricultural and Food Chemistry, 1994, 42, 257-261.	2.4	79
47	Polyphenol Oxidase Enzymes in the Sap and Skin of Mango Fruit. Functional Plant Biology, 1993, 20, 99.	1.1	45
48	Aberrant Processing of Polyphenol Oxidase in a Variegated Grapevine Mutant. Plant Physiology, 1992, 99, 1619-1625.	2.3	48
49	Mango Sapburn: Components of Fruit Sap and Their Role in Causing Skin Damage.. Functional Plant Biology, 1992, 19, 449.	1.1	43
50	Characterisation of a Variegated Grapevine Mutant Showing Reduced Polyphenol Oxidase Activity. Functional Plant Biology, 1992, 19, 43.	1.1	13
51	Broad Bean Leaf Polyphenol Oxidase Is a 60-Kilodalton Protein Susceptible to Proteolytic Cleavage. Plant Physiology, 1992, 99, 317-323.	2.3	102
52	Ribulose-1,5-Bisphosphate Carboxylase/Oxygenase Activase Protein Prevents the in Vitro Decline in Activity of Ribulose-1,5-Bisphosphate Carboxylase/Oxygenase. Plant Physiology, 1989, 90, 968-971.	2.3	83
53	Adenosine triphosphate hydrolysis by purified rubisco activase. Archives of Biochemistry and Biophysics, 1989, 268, 93-99.	1.4	139
54	Inhibition of the phosphate transporter during isolation of intact chloroplasts from leaves of sunflower. Photosynthesis Research, 1989, 20, 147-159.	1.6	3

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55	Release of the nocturnal inhibitor, carâ˜yarabinitol-1 -phosphate, from ribulose bisphosphate carâ˜ylase/oxygenase by rubisco activase. FEBS Letters, 1988, 233, 413-416.	1.3	90
56	Purification and Assay of Rubisco Activase from Leaves. Plant Physiology, 1988, 88, 1008-1014.	2.3	87
57	Involvement of Stromal ATP in the Light Activation of Ribulose-1,5-Bisphosphate Carboxylase/Oxygenase in Intact Isolated Chloroplasts. Plant Physiology, 1988, 86, 293-298.	2.3	91
58	Stomatal Limitation of Photosynthesis in Abscisic Acid-Treated and in Water-Stressed Leaves Measured at Elevated CO2. Functional Plant Biology, 1988, 15, 495.	1.1	28
59	Inorganic Phosphate Concentration in the Stroma of Isolated Chloroplasts and Its Influence on Photosynthesis. Functional Plant Biology, 1987, 14, 451.	1.1	22
60	[18] Separation of chloroplasts and cytosol from protoplasts. Methods in Enzymology, 1987, , 188-194.	0.4	4
61	[15] Isolation of intact chloroplasts: General principles and criteria of integrity. Methods in Enzymology, 1987, , 145-157.	0.4	54
62	Abscisic acid synthesis and metabolism in barley leaves and protoplasts. Plant Science, 1987, 49, 23-30.	1.7	32
63	Regulation of photosynthetic carbon metabolism during phosphate limitation of photosynthesis in isolated spinach chloroplasts. Photosynthesis Research, 1987, 14, 211-227.	1.6	35
64	SEASONAL AND DIURNAL CHANGES IN ABSCISIC ACID AND WATER RELATIONS OF APRICOT LEAVES (PRUNUS) Tj ETQq0 0 0 rgBT /Overlock	3.5	42
65	Effects of Photoinhibition on Photosynthetic Carbon Metabolism in Intact Isolated Spinach Chloroplasts.. Functional Plant Biology, 1987, 14, 439.	1.1	11
66	Accumulation of Glycinebetaine in Chloroplasts Provides Osmotic Adjustment During Salt Stress. Functional Plant Biology, 1986, 13, 659.	1.1	166
67	Uptake and retention of external solutes from the digest medium during preparation of protoplasts. Plant Science, 1986, 46, 43-51.	1.7	3
68	Improved rates of CO2-fixation by intact chloroplasts isolated in media with KCl as the osmoticum. Photosynthesis Research, 1986, 10, 93-100.	1.6	21
69	Osmotic Adjustment by Intact Isolated Chloroplasts in Response to Osmotic Stress and Its Effect on Photosynthesis and Chloroplast Volume. Plant Physiology, 1985, 79, 996-1002.	2.3	63
70	Photosynthetic and Stomatal Responses of Spinach Leaves to Salt Stress. Plant Physiology, 1985, 78, 85-88.	2.3	151
71	The involvement of stromal ATP in maintaining the pH gradient across the chloroplast envelope in the light. Biochimica Et Biophysica Acta - Bioenergetics, 1985, 806, 187-194.	0.5	37
72	Potassium, Sodium and Chloride Ion Concentrations in Leaves and Isolated Chloroplasts of the Halophyte Suaeda australis R. Br. Functional Plant Biology, 1985, 12, 471.	1.1	45

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73	Lack of ATP Requirement for Light Stimulation of Glycerate Transport into Intact Isolated Chloroplasts. Plant Physiology, 1984, 75, 425-430.	2.3	23
74	Freeze-Fracture Ultrastructure of Thylakoid Membranes in Chloroplasts from Manganese-Deficient Plants. Plant Physiology, 1984, 74, 735-741.	2.3	54
75	Potassium, sodium, and chloride content of isolated intact chloroplasts in relation to ionic compartmentation in leaves. Archives of Biochemistry and Biophysics, 1984, 228, 197-206.	1.4	85
76	Isolation of metabolically competent protoplasts from grapevine leaves. Plant Science Letters, 1984, 37, 171-175.	1.9	22
77	Isolation of intact chloroplasts with high CO2 fixation capacity from sugarbeet leaves containing calcium oxalate. Photosynthesis Research, 1983, 4, 281-287.	1.6	18
78	Photosynthesis and Ion Content of Leaves and Isolated Chloroplasts of Salt-Stressed Spinach. Plant Physiology, 1983, 73, 238-242.	2.3	219
79	Transport of Glycerate across the Envelope Membrane of Isolated Spinach Chloroplasts. Plant Physiology, 1982, 70, 1032-1038.	2.3	61
80	3-Phosphoglycerate Phosphatase Activity in Chloroplast Preparations as a Result of Contamination by Acid Phosphatase. Plant Physiology, 1982, 70, 645-648.	2.3	19
81	Light stimulates glycerate uptake by spinach chloroplasts. Biochemical and Biophysical Research Communications, 1982, 106, 1027-1034.	1.0	9
82	Photosynthetic Carbon Reduction Cycle. , 1981, , 193-236.		24
83	Evidence for amino-acid: proton cotransport in Ricinus cotyledons. Planta, 1981, 152, 527-533.	1.6	39
84	Accumulation of Maltose during Photosynthesis in Protoplasts Isolated from Spinach Leaves Treated with Mannose. Plant Physiology, 1981, 67, 85-88.	2.3	45
85	Amino Acid Transport in Germinating Castor Bean Seedlings. Plant Physiology, 1981, 68, 560-566.	2.3	41
86	A continuous spectrophotometric assay for sucrose phosphate synthetase. Analytical Biochemistry, 1980, 107, 56-59.	1.1	16
87	Distribution of Metabolites between Chloroplast and Cytoplasm during the Induction Phase of Photosynthesis in Leaf Protoplasts. Plant Physiology, 1980, 65, 902-905.	2.3	16
88	Intracellular metabolite gradients and flow of carbon during photosynthesis of leaf protoplasts. Archives of Biochemistry and Biophysics, 1980, 205, 246-259.	1.4	66
89	The significance of light activation of enzymes during the induction phase of photosynthesis in isolated chloroplasts. Archives of Biochemistry and Biophysics, 1980, 202, 617-623.	1.4	31
90	The control of 3-phosphoglycerate reduction in isolated chloroplasts by the concentrations of ATP, ADP and 3-phosphoglycerate. Biochimica Et Biophysica Acta - Bioenergetics, 1979, 545, 528-536.	0.5	51

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91	Rapid separation of the chloroplast and cytoplasmic fractions from intact leaf protoplasts. Archives of Biochemistry and Biophysics, 1979, 196, 319-323.	1.4	82
92	Ribulose bisphosphate carâ˜ylase - lack of dark inactivation of the enzyme in experiments with protoplasts. FEBS Letters, 1979, 97, 296-300.	1.3	43
93	The site of sucrose synthesis in isolated leaf protoplasts. FEBS Letters, 1979, 107, 295-299.	1.3	40
94	A requirement for chelation in obtaining functional chloroplasts of sunflower and wheat. Archives of Biochemistry and Biophysics, 1978, 190, 421-433.	1.4	25
95	Photosynthesis by Isolated Protoplasts, Protoplast Extracts, and Chloroplasts of Wheat. Plant Physiology, 1978, 62, 313-319.	2.3	224
96	Effects of Indoleacetic Acid on CO2 Fixation, Electron Transport and Phosphorylation in Isolated Chloroplasts. Functional Plant Biology, 1978, 5, 425.	1.1	3
97	Pyrophosphate Inhibition of Carbon Dioxide Fixation in Isolated Pea Chloroplasts by Uptake in Exchange for Endogenous Adenine Nucleotides. Plant Physiology, 1977, 59, 422-427.	2.3	83
98	Inhibition of CO2 fixation by adenosine 5â€²-diphosphate and the role of phosphate transport in isolated pea chloroplasts. Archives of Biochemistry and Biophysics, 1977, 184, 546-554.	1.4	17
99	Uptake of ATP analogs by isolated pea chloroplasts and their effect on CO2 fixation and electron transport. Biochimica Et Biophysica Acta - Bioenergetics, 1977, 461, 131-140.	0.5	23
100	p-Chloromercuriphenyl sulphonic acid as a specific inhibitor of the phosphate transporter in isolated chloroplasts. FEBS Letters, 1977, 78, 203-206.	1.3	7
101	Factors affecting the ADP/O ratio in isolated chloroplasts. Biochimica Et Biophysica Acta - Bioenergetics, 1976, 440, 131-146.	0.5	34
102	Stimulation of Carbon Dioxide Fixation in Isolated Pea Chloroplasts by Catalytic Amounts of Adenine Nucleotides. Plant Physiology, 1976, 58, 156-162.	2.3	40
103	Effect of Digitonin Concentration on Electron Transport, Phosphorylation, and Proton Uptake by Subchloroplast Particles. Plant Physiology, 1975, 56, 535-539.	2.3	3
104	The Effects of Digitonin on Photochemical Activities of Isolated Chloroplasts. Plant Physiology, 1975, 55, 163-167.	2.3	8