Martin A J Parry

List of Publications by Year
in descending order

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147	12,437	28274	27406
papers	citations	55 h-index	106 g-index

151	151	151	10632
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Approaches and determinants to sustainably improve crop production. Food and Energy Security, 2023, 12, .	4.3	12
2	Faster than expected Rubisco deactivation in shade reduces cowpea photosynthetic potential in variable light conditions. Nature Plants, 2022, 8, 118-124.	9.3	24
3	Biotechnology for Tomorrowâ€™s World: Scenarios to Guide Directions for Future Innovation. Trends in Biotechnology, 2021, 39, 438-444.	9.3	13
4	A procedure to introduce point mutations into the Rubisco large subunit gene in wildâ€type plants. Plant Journal, 2021, 106, 876-887.	5.7	17
5	Designing the Crops for the Future; The CropBooster Program. Biology, 2021, 10, 690.	2.8	12
6	Overcoming the limitations of Rubisco: fantasy or realistic prospect?. Journal of Plant Physiology, 2020, 254, 153285.	3.5	6
7	Novel bacterial clade reveals origin of form I Rubisco. Nature Plants, 2020, 6, 1158-1166.	9.3	46
8	Hybrid Cyanobacterial-Tobacco Rubisco Supports Autotrophic Growth and Procarboxysomal Aggregation. Plant Physiology, 2020, 182, 807-818.	4.8	23
9	A wish list for synthetic biology in photosynthesis research. Journal of Experimental Botany, 2020, 71, 2219-2225.	4.8	31
10	Overexpression of calpase Decreases Rubisco Abundance and Grain Yield in Wheat. Plant Physiology, 2019, 181, 471-479.	4.8	14
11	Stability of wheat grain yields over three field seasons in the UK. Food and Energy Security, 2019, 8, e00147.	4.3	18
12	The relationships between seedling root screens, root growth in the field and grain yield for wheat. Plant and Soil, 2019, 440, 311-326.	3.7	40
13	Environmental burdens of groundwater extraction for irrigation over an inland river basin in Northwest China. Journal of Cleaner Production, 2019, 222, 182-192.	9.3	25
14	A highâ€throughput transient expression system for rice. Plant, Cell and Environment, 2019, 42, 2057-2064.	5.7	53
15	Whole plant chamber to examine sensitivity of cereal gas exchange to changes in evaporative demand. Plant Methods, 2018, 14, 97.	4.3	21
16	Increasing metabolic potential: C-fixation. Essays in Biochemistry, 2018, 62, 109-118.	4.7	19
17	Dissecting Wheat Grain Yield Drivers in a Mapping Population in the UK. Agronomy, 2018, 8, 94.	3.0	17
18	Identification of Leaf Promoters for Use in Transgenic Wheat. Plants, 2018, 7, 27.	3.5	14

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19	Structural and functional analyses of Rubisco from arctic diatom species reveal unusual posttranslational modifications. Journal of Biological Chemistry, 2018, 293, 13033-13043.	3.4	20
20	Photosynthesis: ancient, essential, complex, diverse â€¦ and in need of improvement in a changing world. New Phytologist, 2017, 213, 43-47.	7.3	30
21	Uncertainty in measurements of the photorespiratory CO2 compensation point and its impact on models of leaf photosynthesis. Photosynthesis Research, 2017, 132, 245-255.	2.9	16
22	Phenotyping of field-grown wheat in the UK highlights contribution of light response of photosynthesis and flag leaf longevity to grain yield. Journal of Experimental Botany, 2017, 68, 3473-3486.	4.8	153
23	Increased SBPase activity improves photosynthesis and grain yield in wheat grown in greenhouse conditions. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160384.	4.0	193
24	Photosynthetic improvement of wheat plants. Burleigh Dodds Series in Agricultural Science, 2017, , 101-112.	0.2	1
25	Towards engineering carboxysomes into C3 plants. Plant Journal, 2016, 87, 38-50.	5.7	75
26	Geneticsâ€based dynamic systems model of canopy photosynthesis: the key to improve light and resource use efficiencies for crops. Food and Energy Security, 2016, 5, 18-25.	4.3	25
27	Surveying Rubisco diversity and temperature response to improve crop photosynthetic efficiency. Plant Physiology, 2016, 172, pp.00750.2016.	4.8	108
28	Biochemical characterization of predicted Precambrian RuBisCO. Nature Communications, 2016, 7, 10382.	12.8	112
29	Building the new international science of the agricultureâ€“foodâ€“waterâ€“environment nexus in china and the world. Ecosystem Health and Sustainability, 2016, 2, .	3.1	1
30	Rubisco catalytic properties of wild and domesticated relatives provide scope for improving wheat photosynthesis. Journal of Experimental Botany, 2016, 67, 1827-1838.	4.8	93
31	Transgenic tobacco plants with improved cyanobacterial Rubisco expression but no extra assembly factors grow at near wildâ€type rates if provided with elevated <scp>CO</scp>₂. Plant Journal, 2016, 85, 148-160.	5.7	102
32	Manipulating photorespiration to increase plant productivity: recent advances and perspectives for crop improvement. Journal of Experimental Botany, 2016, 67, 2977-2988.	4.8	127
33	Nitrogen assimilation and transpiration: key processes conditioning responsiveness of wheat to elevated [<scp>CO₂</scp>] and temperature. Physiologia Plantarum, 2015, 155, 338-354.	5.2	48
34	TaER Expression Is Associated with Transpiration Efficiency Traits and Yield in Bread Wheat. PLoS ONE, 2015, 10, e0128415.	2.5	21
35	Wheat root growth responses to horizontal stratification of fertiliser in a water-limited environment. Plant and Soil, 2015, 386, 77-88.	3.7	41
36	Redesigning photosynthesis to sustainably meet global food and bioenergy demand. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8529-8536.	7.1	751

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37	The effect of impedance to root growth on plant architecture in wheat. Plant and Soil, 2015, 392, 323-332.	3.7	33
38	Optimizing <scp>R</scp>ubisco and its regulation for greater resource use efficiency. Plant, Cell and Environment, 2015, 38, 1817-1832.	5.7	279
39	Natural variation in photosynthetic capacity, growth, and yield in 64 field-grown wheat genotypes. Journal of Experimental Botany, 2014, 65, 4959-4973.	4.8	226
40	Photosynthetic assimilation of 14C into amino acids in potato (Solanum tuberosum) and asparagine in the tubers. Planta, 2014, 239, 161-170.	3.2	24
41	Phenotyping and other breeding approaches for a New Green Revolution. Journal of Integrative Plant Biology, 2014, 56, 422-424.	8.5	21
42	A non-radioactive method for measuring Rubisco activase activity in the presence of variable ATP: ADP ratios, including modifications for measuring the activity and activation state of Rubisco. Photosynthesis Research, 2014, 119, 355-365.	2.9	36
43	Î²â€Carboxysomal proteins assemble into highly organized structures in Nicotiana chloroplasts. Plant Journal, 2014, 79, 1-12.	5.7	129
44	Environmentally driven evolution of <scp>R</scp>ubisco and improved photosynthesis and growth within the <scp>C</scp>₃ genus <scp>L</scp>imonium (<scp>P</scp>lumbaginaceae). New Phytologist, 2014, 203, 989-999.	7.3	70
45	A faster Rubisco with potential to increase photosynthesis in crops. Nature, 2014, 513, 547-550.	27.8	379
46	Expanding knowledge of the <scp>R</scp>ubisco kinetics variability in plant species: environmental and evolutionary trends. Plant, Cell and Environment, 2014, 37, 1989-2001.	5.7	155
47	Progress in TILLING as a tool for functional genomics and improvement of crops. Journal of Integrative Plant Biology, 2014, 56, 425-443.	8.5	84
48	Photosynthesis and growth in diverse willow genotypes. Food and Energy Security, 2014, 3, 69-85.	4.3	12
49	Genotypic variation in the ability of wheat roots to penetrate wax layers. Plant and Soil, 2013, 364, 171-179.	3.7	26
50	How do roots elongate in a structured soil?. Journal of Experimental Botany, 2013, 64, 4761-4777.	4.8	126
51	Rubisco activity and regulation as targets for crop improvement. Journal of Experimental Botany, 2013, 64, 717-730.	4.8	335
52	Prospects of doubling global wheat yields. Food and Energy Security, 2013, 2, 34-48.	4.3	207
53	GA-Responsive Dwarfing Gene Rht12 Affects the Developmental and Agronomic Traits in Common Bread Wheat. PLoS ONE, 2013, 8, e62285.	2.5	54
54	2-Carboxy-D-arabinitol 1-phosphate (CA1P) phosphatase: evidence for a wider role in plant Rubisco regulation. Biochemical Journal, 2012, 442, 733-742.	3.7	40

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55	Achieving yield gains in wheat. Plant, Cell and Environment, 2012, 35, 1799-1823.	5.7	459
56	Evidence that abscisic acid promotes degradation of SNF1-related protein kinase (SnRK) 1 in wheat and activation of a putative calcium-dependent SnRK2. Journal of Experimental Botany, 2012, 63, 913-924.	4.8	85
57	Shortcomings in wheat yield predictions. Nature Climate Change, 2012, 2, 380-382.	18.8	25
58	Development and Characterization of a New TILLING Population of Common Bread Wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.5	100
59	Food and energy security: exploring the challenges of attaining secure and sustainable supplies of food and energy. Food and Energy Security, 2012, 1, 1-2.	4.3	7
60	Selection for high grain number per unit stem length through four generations from mutants in a durum wheat population to increase yields of individual plants and crops. Field Crops Research, 2012, 129, 59-70.	5.1	24
61	An Integrated Approach to Crop Genetic Improvement^F. Journal of Integrative Plant Biology, 2012, 54, 250-259.	8.5	67
62	New Technologies, Tools and Approaches for Improving Crop Breeding. Journal of Integrative Plant Biology, 2012, 54, 210-214.	8.5	7
63	Raising yield potential of wheat. I. Overview of a consortium approach and breeding strategies. Journal of Experimental Botany, 2011, 62, 439-452.	4.8	262
64	Raising yield potential of wheat. II. Increasing photosynthetic capacity and efficiency. Journal of Experimental Botany, 2011, 62, 453-467.	4.8	511
65	Bioenergy Plants: Hopes, Concerns and Prospectives. Journal of Integrative Plant Biology, 2011, 53, 94-95.	8.5	4
66	An engineered pathway for glyoxylate metabolism in tobacco plants aimed to avoid the release of ammonia in photorespiration. BMC Biotechnology, 2011, 11, 111.	3.3	74
67	Genetic and management approaches to boost UK wheat yields by ameliorating water deficits. Journal of Experimental Botany, 2011, 62, 5241-5248.	4.8	49
68	Food security: increasing yield and improving resource use efficiency. Proceedings of the Nutrition Society, 2010, 69, 592-600.	1.0	94
69	Effects of sulphur nutrition during potato cultivation on the formation of acrylamide and aroma compounds during cooking. Food Chemistry, 2010, 122, 753-760.	8.2	20
70	Rubisco activities, properties, and regulation in three different C4 grasses under drought. Journal of Experimental Botany, 2010, 61, 2355-2366.	4.8	59
71	Free Amino Acids and Sugars in Rye Grain: Implications for Acrylamide Formation. Journal of Agricultural and Food Chemistry, 2010, 58, 1959-1969.	5.2	67
72	Raising yield potential in wheat. Journal of Experimental Botany, 2009, 60, 1899-1918.	4.8	508

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73	Grasses of different C₄ subtypes reveal leaf traits related to drought tolerance in their natural habitats: Changes in structure, water potential, and amino acid content. American Journal of Botany, 2009, 96, 1222-1235.	1.7	61
74	Effects of Genotype and Environment on Free Amino Acid Levels in Wheat Grain: Implications for Acrylamide Formation during Processing. Journal of Agricultural and Food Chemistry, 2009, 57, 1013-1021.	5.2	111
75	Sulphur nutrition differentially affects the distribution of asparagine in wheat grain. Journal of Cereal Science, 2009, 50, 407-409.	3.7	31
76	Food security and drought. Annals of Applied Biology, 2009, 155, 299-300.	2.5	11
77	Drought stress increases the production of 5-hydroxynorvaline in two C4 grasses. Phytochemistry, 2009, 70, 664-671.	2.9	27
78	Mutation discovery for crop improvement. Journal of Experimental Botany, 2009, 60, 2817-2825.	4.8	277
79	Gene expression, cellular localisation and function of glutamine synthetase isozymes in wheat (Triticum aestivum L.). Plant Molecular Biology, 2008, 67, 89-105.	3.9	172
80	The activities of PEP carboxylase and the C4 acid decarboxylases are little changed by drought stress in three C4 grasses of different subtypes. Photosynthesis Research, 2008, 97, 223-233.	2.9	27
81	Improving water use efficiency. Annals of Applied Biology, 2008, 153, 281-282.	2.5	2
82	Arabidopsis sucrose nonâ€fermentingâ€1â€related protein kinaseâ€1 and calciumâ€dependent protein kinase phosphorylate conserved target sites in ABA response element binding proteins. Annals of Applied Biology, 2008, 153, 401-409.	2.5	42
83	Photorespiration in C4grasses remains slow under drought conditions. Plant, Cell and Environment, 2008, 31, 925-940.	5.7	77
84	Reducing Acrylamide Precursors in Raw Materials Derived from Wheat and Potato. Journal of Agricultural and Food Chemistry, 2008, 56, 6167-6172.	5.2	59
85	GCN2-dependent phosphorylation of eukaryotic translation initiation factor-2Î± in Arabidopsis. Journal of Experimental Botany, 2008, 59, 3131-3141.	4.8	118
86	Preface. Journal of Experimental Botany, 2007, 59, vi-vi.	4.8	0
87	PAPER PRESENTED AT INTERNATIONAL WORKSHOP ON INCREASING WHEAT YIELD POTENTIAL, CIMMYT, OBREGON, MEXICO, 20â€“24 MARCH 2006 Prospects for increasing photosynthesis by overcoming the limitations of Rubisco. Journal of Agricultural Science, 2007, 145, 31-43.	1.3	146
88	Changes in Free Amino Acids and Sugars in Potatoes Due to Sulfate Fertilization and the Effect on Acrylamide Formation. Journal of Agricultural and Food Chemistry, 2007, 55, 5363-5366.	5.2	71
89	Rubisco regulation: a role for inhibitors. Journal of Experimental Botany, 2007, 59, 1569-1580.	4.8	232
90	Asparagine in plants. Annals of Applied Biology, 2007, 150, 1-26.	2.5	562

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91	Improving water use efficiency in Mediterranean agriculture: what limits the adoption of new technologies?. Annals of Applied Biology, 2007, 150, 157-162.	2.5	49
92	Improving resource use efficiency. Annals of Applied Biology, 2007, 151, 133-135.	2.5	18
93	Discoveries in Rubisco (Ribulose 1,5-bisphosphate carboxylase/oxygenase): a historical perspective. Photosynthesis Research, 2007, 94, 121-143.	2.9	138
94	Formation of High Levels of Acrylamide during the Processing of Flour Derived from Sulfate-Deprived Wheat. Journal of Agricultural and Food Chemistry, 2006, 54, 8951-8955.	5.2	140
95	Rubisco specificity factor tends to be larger in plant species from drier habitats and in species with persistent leaves. Plant, Cell and Environment, 2005, 28, 571-579.	5.7	241
96	Prospects for crop production under drought: research priorities and future directions. Annals of Applied Biology, 2005, 147, 211-226.	2.5	216
97	Adaptation of photosynthesis in marama bean Tylosema esculentum (Burchell A. Schreiber) to a high temperature, high radiation, drought-prone environment. Plant Physiology and Biochemistry, 2005, 43, 969-976.	5.8	21
98	Improving resistance to drought and salinity in plants. Annals of Applied Biology, 2004, 144, 249-250.	2.5	8
99	Loss of decreased-rubisco phenotype between generations of wheat transformed with antisense and sense rbcS. Annals of Applied Biology, 2004, 145, 209-216.	2.5	14
100	Expression profiling of the response of Arabidopsis thaliana to methanol stimulation. Phytochemistry, 2004, 65, 2305-2316.	2.9	58
101	Dark chilling imposes metabolic restrictions on photosynthesis in soybean. Plant, Cell and Environment, 2003, 26, 323-337.	5.7	39
102	Markers and signals associated with nitrogen assimilation in higher plants. Journal of Experimental Botany, 2003, 54, 585-593.	4.8	266
103	Manipulation of Rubisco: the amount, activity, function and regulation. Journal of Experimental Botany, 2003, 54, 1321-1333.	4.8	310
104	Elucidating the biosynthesis of 2-carboxyarabinitol 1-phosphate through reduced expression of chloroplastic fructose 1,6-bisphosphate phosphatase and radiotracer studies with 14CO2. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4742-4747.	7.1	27
105	Rubisco Activity: Effects of Drought Stress. Annals of Botany, 2002, 89, 833-839.	2.9	387
106	Photosynthesis and Nitrogen-Use Efficiency. , 2002, , 23-34.		13
107	Title is missing!. Molecular Breeding, 2001, 7, 301-315.	2.1	47
108	Ageâ€dependent transformation frequency in elite wheat varieties. Journal of Experimental Botany, 2001, 52, 857-863.	4.8	77

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109	Intron-mediated gusA expression in tritordeum and wheat resulting from particle bombardment. Plant Molecular Biology, 2000, 42, 615-622.	3.9	26
110	2â€²-Carboxy-D-arabitinol 1-phosphate protects ribulose 1,5-bisphosphate carboxylase/oxygenase against proteolytic breakdown. FEBS Journal, 1999, 266, 840-847.	0.2	50
111	The localisation of 2-carboxy-d -arabinitol 1-phosphate and inhibition of Rubisco in leaves of Phaseolus vulgaris L. FEBS Letters, 1999, 444, 106-110.	2.8	13
112	Separation of the branch chain hexose, hamamelose, by high-performance liquid chromatography, and amperometric detection of hamamelose and related compounds. Journal of Chromatography A, 1998, 814, 105-110.	3.7	3
113	Estimating the Excess Investment in Ribulose-1,5-Bisphosphate Carboxylase/Oxygenase in Leaves of Spring Wheat Grown under Elevated CO2. Plant Physiology, 1998, 118, 945-955.	4.8	107
114	Synthesis of 21-carboxy-D-arabinitol-1-phosphate in French bean (Phaseolus vulgarisL.): a search for precursors. Journal of Experimental Botany, 1997, 48, 9-14.	4.8	11
115	Conversion of D-Hamamelose into 2-Carboxy-D-arabinitol and 2-Carboxy-D-arabinitol 1-Phosphate in Leaves of Phaseolus vulgaris L.. Journal of Biological Chemistry, 1996, 271, 26803-26809.	3.4	21
116	2-Carboxyarabinitol 1-phosphate (CA1P) formation through a phosphate exchange reaction catalysed by the CA1P phosphatase from French bean (Phaseolus vulgaris L.). Biochemical Journal, 1996, 316, 389-393.	3.7	2
117	A point mutation in the gene encoding the Rubisco large subunit interferes with holoenzyme assembly. Plant Molecular Biology, 1996, 31, 399-403.	3.9	20
118	Altered Rubisco activity and amounts of a daytime tightbinding inhibitor in transgenic tobacco expressing limiting amounts of phosphoribulokinase. Journal of Experimental Botany, 1996, 47, 1963-1966.	4.8	11
119	Increased capacity for photosynthesis in wheat grown at elevated CO2: the relationship between electron transport and carbon metabolism. Planta, 1995, 197, 482.	3.2	88
120	Improving plant production by selection for survival at low CO2 concentrations. Journal of Experimental Botany, 1995, 46, 1389-1396.	4.8	38
121	Is there another player in the game of Rubisco regulation?. Journal of Experimental Botany, 1995, 46, 1245-1251.	4.8	36
122	Engineering Rubisco to change its catalytic properties. Journal of Experimental Botany, 1995, 46, 1269-1276.	4.8	87
123	The absence of Rubisco activase activity in total wheat leaf extracts is recovered in the purified protein. Journal of Experimental Botany, 1995, 46, 1055-1060.	4.8	3
124	Photosynthesis, Ribulose-1,5-bisphosphate Carboxylase and Leaf Characteristics ofNicotiana tabacumL. Genotypes Selected by Survival at Low CO2Concentrations. Journal of Experimental Botany, 1993, 44, 1-7.	4.8	23
125	Analysis of Two Rubisco-Deficient Tobacco Mutants, H7 and Sp25; Evidence for the Production of Rubisco Large Subunits in the Sp25 Mutant that Form Clusters and are Inactive. Journal of Experimental Botany, 1993, 44, 1445-1452.	4.8	12
126	Effect of Water Stress on Photosynthesis, Leaf Characteristics and Productivity of Field-GrownNicotiana tabacumL. Genotypes Selected for Survival at Low CO2. Journal of Experimental Botany, 1992, 43, 1001-1008.	4.8	16

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127	Mutations in loop six of the large subunit of ribulose-1,5-bisphosphate carboxylase affect substrate specificity. Planta, 1992, 187, 109-12.	3.2	25
128	A point mutation in the N-terminus of ribulose-1,5-bisphosphate carboxylase affects ribulose-1,5-bisphosphate binding. Planta, 1991, 184, 35-9.	3.2	5
129	Variation in Net Photosynthesis, Rubisco Activity and Chloroplast Ultrastructure among Somatic Hybrids ofSolanum tuberosumandS. brevidens. Journal of Experimental Botany, 1990, 41, 769-774.	4.8	3
130	Ribulose Bisphosphate Carboxylase/Oxygenase and Carbonic Anhydrase. Methods in Plant Biochemistry, 1990, 3, 1-14.	0.2	34
131	Variation in the Specificity Factor of C3Higher Plant Rubiscos Determined by the Total Consumption of Ribulose-P2. Journal of Experimental Botany, 1989, 40, 317-320.	4.8	101
132	Comparison of the specific activity of ribulose-1,5-bis-phosphate carboxylase-oxygenase from some C3 and C4 plants. Physiologia Plantarum, 1988, 74, 326-331.	5.2	40
133	Regulation of Ribulose-1,5-Bisphosphate Carboxylase Activity by the Activase System in Lysed Spinach Chloroplasts. Plant Physiology, 1988, 87, 558-561.	4.8	29
134	Variations in Properties of Ribulose-1,5-bisphosphate Carboxylase from Various Species Related to Differences in Amino Acid Sequences. Journal of Experimental Botany, 1987, 38, 1260-1271.	4.8	33
135	The role of the N-terminus of the large subunit of ribulose-bisphosphate carboxylase investigated by construction and expression of chimaeric genes. FEBS Journal, 1987, 170, 335-342.	0.2	33
136	Inactivation of ribulose-bisphosphate carboxylase by limited proteolysis. FEBS Letters, 1986, 196, 263-268.	2.8	36
137	Expression and mutagenesis of genes for ribulose-1,5-bisphosphate carboxylase. Biochemical Society Transactions, 1986, 14, 1223-1223.	3.4	0
138	A nocturnal inhibitor of carboxylation in leaves. Nature, 1986, 324, 274-276.	27.8	156
139	Species Variation in the Predawn Inhibition of Ribulose-1,5-Bisphosphate Carboxylase/Oxygenase. Plant Physiology, 1986, 82, 1161-1163.	4.8	81
140	Stimulation of Ribulose Bisphosphate Carboxylase Activity by Inorganic Orthophosphate without an Increase in Bound Activating CO2: Co-operativity between the Subunits of the Enzyme. Journal of Experimental Botany, 1985, 36, 1396-1404.	4.8	44
141	The Effect of SO32- and SO42- Ions on the Reactions of Ribulose Bisphosphate Carboxylase. Journal of Experimental Botany, 1984, 35, 157-168.	4.8	25
142	Inhibition of Ribulose-P2Carboxylase/Oxygenase by Fluoride. Journal of Experimental Botany, 1984, 35, 1177-1181.	4.8	9
143	Purified Ribulose-P2 carboxylase from wheat with high specific activity and with fast activation. Photosynthesis Research, 1984, 5, 47-62.	2.9	14
144	An investigation of ribulosebisphosphate carboxylase activity by high resolution 1 H NMR. FEBS Letters, 1984, 170, 355-359.	2.8	34

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145	Activation of ribulose 1,5-bisphosphate carboxylase by Ca2+. FEBS Letters, 1983, 159, 107-111.	2.8	18
146	The Reactions between Active and Inactive Forms of Wheat Ribulosebisphosphate Carboxylase and Effectors. FEBS Journal, 1982, 126, 597-602.	0.2	45
147	An improved open-topped chamber for pollution studies on crop growth. Environmental Pollution Series B: Chemical and Physical, 1981, 2, 475-482.	0.7	12