

Klaus Winter

List of Publications by Year in descending order

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128
papers

10,767
citations

24978

57
h-index

34900

98
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137
all docs

137
docs citations

137
times ranked

9304
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary history of CAM photosynthesis in Neotropical <i>Clusia</i> : insights from genomics, anatomy, physiology and climate. <i>Botanical Journal of the Linnean Society</i> , 2022, 199, 538-556.	0.8	16
2	CAM photosynthesis: the acid test. <i>New Phytologist</i> , 2022, 233, 599-609.	3.5	42
3	Photosynthetic quantum efficiency in south-eastern Amazonian trees may be already affected by climate change. <i>Plant, Cell and Environment</i> , 2021, 44, 2428-2439.	2.8	22
4	Does the C. <i>Functional Plant Biology</i> , 2021, 48, 655-665.	1.1	9
5	Low-level CAM photosynthesis in a succulent-leaved member of the Urticaceae. <i>Functional Plant Biology</i> , 2021, 48, 683-690.	1.1	21
6	Hydraulic traits of Neotropical canopy liana and tree species across a broad range of wood density: implications for predicting drought mortality with models. <i>Tree Physiology</i> , 2021, 41, 24-34.	1.4	17
7	Crassulacean acid metabolism (CAM) supersedes the turgor loss point (TLP) as an important adaptation across a precipitation gradient, in the genus. <i>Functional Plant Biology</i> , 2021, 48, 703-716.	1.1	16
8	Leaf water δ^2 . <i>Functional Plant Biology</i> , 2021, 48, 732-742.	1.1	4
9	Diversity of CAM plant photosynthesis (crassulacean acid metabolism): a tribute to Barry Osmond. <i>Functional Plant Biology</i> , 2021, 48, iii.	1.1	2
10	Photosynthetic plasticity of a tropical tree species, <i>Tabebuia rosea</i> , in response to elevated temperature and [CO_2]. <i>Plant, Cell and Environment</i> , 2021, 44, 2347-2364.	2.8	17
11	Leaf heat tolerance of 147 tropical forest species varies with elevation and leaf functional traits, but not with phylogeny. <i>Plant, Cell and Environment</i> , 2021, 44, 2414-2427.	2.8	33
12	Evolution of crassulacean acid metabolism (CAM) as an escape from ecological niche conservatism in Malagasy <i>Bulbophyllum</i> (Orchidaceae). <i>New Phytologist</i> , 2021, 231, 1236-1248.	3.5	16
13	Large differences in leaf cuticle conductance and its temperature response among 24 tropical tree species from across a rainfall gradient. <i>New Phytologist</i> , 2021, 232, 1618-1631.	3.5	30
14	Constitutive and facultative crassulacean acid metabolism (CAM) in Cuban oregano. <i>Functional Plant Biology</i> , 2021, 48, 647-654.	1.1	6
15	CAM photosynthesis in desert blooming. <i>Functional Plant Biology</i> , 2021, 48, 691-702.	1.1	8
16	Corrigendum to: Does the C4 plant <i>Trianthema portulacastrum</i> (Aizoaceae) exhibit weakly expressed crassulacean acid metabolism (CAM)? <i>Functional Plant Biology</i> , 2021, 48, 1315.	1.1	0
17	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	4.2	1,038
18	Salinity responses of inland and coastal neotropical trees species. <i>Plant Ecology</i> , 2020, 221, 695-708.	0.7	5

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19	Occurrence of crassulacean acid metabolism in Colombian orchids determined by leaf carbon isotope ratios. <i>Botanical Journal of the Linnean Society</i> , 2020, 193, 431-477.	0.8	15
20	Similar temperature dependence of photosynthetic parameters in sun and shade leaves of three tropical tree species. <i>Tree Physiology</i> , 2020, 40, 637-651.	1.4	19
21	The Photosynthetic System in Tropical Plants Under High Irradiance and Temperature Stress. <i>Progress in Botany Fortschritte Der Botanik</i> , 2020, , 131-169.	0.1	0
22	Photosynthetic heat tolerance of shade and sun leaves of three tropical tree species. <i>Photosynthesis Research</i> , 2019, 141, 119-130.	1.6	46
23	Experimenting with domestication: Understanding macro- and micro-phenotypes and developmental plasticity in teosinte in its ancestral pleistocene and early holocene environments. <i>Journal of Archaeological Science</i> , 2019, 108, 104970.	1.2	9
24	Ecophysiology of constitutive and facultative CAM photosynthesis. <i>Journal of Experimental Botany</i> , 2019, 70, 6495-6508.	2.4	94
25	Facultative crassulacean acid metabolism in a C3â€C4 intermediate. <i>Journal of Experimental Botany</i> , 2019, 70, 6571-6579.	2.4	25
26	Operating at the very low end of the crassulacean acid metabolism spectrum: <i>Sesuvium portulacastrum</i> (Aizoaceae). <i>Journal of Experimental Botany</i> , 2019, 70, 6561-6570.	2.4	15
27	High tolerance of tropical sapling growth and gas exchange to moderate warming. <i>Functional Ecology</i> , 2018, 32, 599-611.	1.7	43
28	Altered Gene Regulatory Networks Are Associated With the Transition From C3 to Crassulacean Acid Metabolism in <i>Erycina</i> (Oncidiinae: Orchidaceae). <i>Frontiers in Plant Science</i> , 2018, 9, 2000.	1.7	30
29	Optional use of CAM photosynthesis in two C4 species, <i>Portulaca cyclophylla</i> and <i>Portulaca digyna</i> . <i>Journal of Plant Physiology</i> , 2017, 214, 91-96.	1.6	30
30	<i>In situ</i> temperature response of photosynthesis of 42 tree and liana species in the canopy of two Panamanian lowland tropical forests with contrasting rainfall regimes. <i>New Phytologist</i> , 2017, 214, 1103-1117.	3.5	129
31	Facultative crassulacean acid metabolism (CAM) in four small C3 and C4 leaf-succulents. <i>Australian Journal of Botany</i> , 2017, 65, 103.	0.3	24
32	In situ temperature relationships of biochemical and stomatal controls of photosynthesis in four lowland tropical tree species. <i>Plant, Cell and Environment</i> , 2017, 40, 3055-3068.	2.8	74
33	The <i>KalanchoÃ«</i> genome provides insights into convergent evolution and building blocks of crassulacean acid metabolism. <i>Nature Communications</i> , 2017, 8, 1899.	5.8	159
34	Facultative CAM photosynthesis (crassulacean acid metabolism) in four species of <i>Calandrinia</i> , ephemeral succulents of arid Australia. <i>Photosynthesis Research</i> , 2017, 134, 17-25.	1.6	22
35	Photosynthetic acclimation to warming in tropical forest tree seedlings. <i>Journal of Experimental Botany</i> , 2017, 68, 2275-2284.	2.4	81
36	Reversible Burst of Transcriptional Changes during Induction of Crassulacean Acid Metabolism in <i>Talinum triangulare</i> . <i>Plant Physiology</i> , 2016, 170, 102-122.	2.3	93

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37	Temperature response of CO ₂ exchange in three tropical tree species. <i>Functional Plant Biology</i> , 2016, 43, 468.	1.1	68
38	Protection by light against heat stress in leaves of tropical crassulacean acid metabolism plants containing high acid levels. <i>Functional Plant Biology</i> , 2016, 43, 1061.	1.1	16
39	Australia lacks stem succulents but is it depauperate in plants with crassulacean acid metabolism (CAM)? <i>Current Opinion in Plant Biology</i> , 2016, 31, 109-117.	3.5	27
40	The effects of CO ₂ and nutrient fertilisation on the growth and temperature response of the mangrove <i>Avicennia germinans</i> . <i>Photosynthesis Research</i> , 2016, 129, 159-170.	1.6	41
41	The Effects of Rising Temperature on the Ecophysiology of Tropical Forest Trees. <i>Tree Physiology</i> , 2016, , 385-412.	0.9	36
42	Crassulacean acid metabolism: a continuous or discrete trait?. <i>New Phytologist</i> , 2015, 208, 73-78.	3.5	117
43	A roadmap for research on crassulacean acid metabolism (<scp>CAM</scp>) to enhance sustainable food and bioenergy production in a hotter, drier world. <i>New Phytologist</i> , 2015, 207, 491-504.	3.5	211
44	Photosynthetic pathways in Bromeliaceae: phylogenetic and ecological significance of CAM and C ₃ based on carbon isotope ratios for 1893 species. <i>Botanical Journal of the Linnean Society</i> , 2015, 178, 169-221.	0.8	148
45	Cryptic crassulacean acid metabolism (CAM) in <i>Jatropha curcas</i> . <i>Functional Plant Biology</i> , 2015, 42, 711.	1.1	20
46	Light-stimulated heat tolerance in leaves of two neotropical tree species, <i>Ficus insipida</i> and <i>Calophyllum longifolium</i> . <i>Functional Plant Biology</i> , 2015, 42, 42.	1.1	39
47	Nocturnal versus diurnal CO ₂ uptake: how flexible is <i>Agave angustifolia</i> ?. <i>Journal of Experimental Botany</i> , 2014, 65, 3695-3703.	2.4	15
48	Facultative crassulacean acid metabolism (CAM) plants: powerful tools for unravelling the functional elements of CAM photosynthesis. <i>Journal of Experimental Botany</i> , 2014, 65, 3425-3441.	2.4	180
49	Adaptive radiation, correlated and contingent evolution, and net species diversification in Bromeliaceae. <i>Molecular Phylogenetics and Evolution</i> , 2014, 71, 55-78.	1.2	333
50	Thermal acclimation of leaf respiration of tropical trees and lianas: response to experimental canopy warming, and consequences for tropical forest carbon balance. <i>Global Change Biology</i> , 2014, 20, 2915-2926.	4.2	96
51	Limited photosynthetic plasticity in the leaf-succulent CAM plant <i>Agave angustifolia</i> grown at different temperatures. <i>Functional Plant Biology</i> , 2014, 41, 843.	1.1	14
52	Multiple isoforms of phosphoenolpyruvate carboxylase in the Orchidaceae (subtribe Oncidiinae): implications for the evolution of crassulacean acid metabolism. <i>Journal of Experimental Botany</i> , 2014, 65, 3623-3636.	2.4	62
53	Environmental and physiological determinants of carbon isotope discrimination in terrestrial plants. <i>New Phytologist</i> , 2013, 200, 950-965.	3.5	475
54	Tropical forest responses to increasing atmospheric CO ₂ : current knowledge and opportunities for future research. <i>Functional Plant Biology</i> , 2013, 40, 531.	1.1	118

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55	Thermal tolerance, net CO ₂ exchange and growth of a tropical tree species, <i>Ficus insipida</i> , cultivated at elevated daytime and nighttime temperatures. <i>Journal of Plant Physiology</i> , 2013, 170, 822-827.	1.6	46
56	Elevated nighttime temperatures increase growth in seedlings of two tropical pioneer tree species. <i>New Phytologist</i> , 2013, 197, 1185-1192.	3.5	65
57	Growth response and acclimation of CO ₂ exchange characteristics to elevated temperatures in tropical tree seedlings. <i>Journal of Experimental Botany</i> , 2013, 64, 3817-3828.	2.4	71
58	Photosynthesis, photoprotection, and growth of shade-tolerant tropical tree seedlings under full sunlight. <i>Photosynthesis Research</i> , 2012, 113, 273-285.	1.6	52
59	Photosynthesis, Reorganized. <i>Science</i> , 2011, 332, 311-312.	6.0	57
60	Induction and reversal of crassulacean acid metabolism in <i>Calandrinia polyandra</i> : effects of soil moisture and nutrients. <i>Functional Plant Biology</i> , 2011, 38, 576.	1.1	53
61	Responses of Legume Versus Nonlegume Tropical Tree Seedlings to Elevated CO ₂ Concentration. <i>Plant Physiology</i> , 2011, 157, 372-385.	2.3	64
62	Drought-stress-induced up-regulation of CAM in seedlings of a tropical cactus, <i>Opuntia elatior</i> , operating predominantly in the C ₃ mode. <i>Journal of Experimental Botany</i> , 2011, 62, 4037-4042.	2.4	42
63	<i>Karotophyllum bromelioides</i> L.D. G ³ me revisited: A probable fossil CAM bromeliad. <i>American Journal of Botany</i> , 2011, 98, 1905-1908.	0.8	10
64	High-temperature tolerance of a tropical tree, <i>Ficus insipida</i> : methodological reassessment and climate change considerations. <i>Functional Plant Biology</i> , 2010, 37, 890.	1.1	100
65	Evolution along the crassulacean acid metabolism continuum. <i>Functional Plant Biology</i> , 2010, 37, 995.	1.1	177
66	Crassulacean Acid Metabolism and Epiphytism Linked to Adaptive Radiations in the Orchidaceae. <i>Plant Physiology</i> , 2009, 149, 1838-1847.	2.3	194
67	Canopy CO ₂ exchange of two neotropical tree species exhibiting constitutive and facultative CAM photosynthesis, <i>Clusia rosea</i> and <i>Clusia cylindrica</i> . <i>Journal of Experimental Botany</i> , 2009, 60, 3167-3177.	2.4	19
68	Sun-shade patterns of leaf carotenoid composition in 86 species of neotropical forest plants. <i>Functional Plant Biology</i> , 2009, 36, 20.	1.1	80
69	Lutein epoxide cycle, light harvesting and photoprotection in species of the tropical tree genus <i>Inga</i> . <i>Plant, Cell and Environment</i> , 2008, 31, 548-561.	2.8	43
70	Oxygen isotope composition of CAM and C ₃ <i>Clusia</i> species: non-steady-state dynamics control leaf water ¹⁸ O enrichment in succulent leaves. <i>Plant, Cell and Environment</i> , 2008, 31, 1644-1662.	2.8	24
71	Crassulacean acid metabolism in the ZZ plant, <i>Zamioculcas zamiifolia</i> (Araceae). <i>American Journal of Botany</i> , 2007, 94, 1670-1676.	0.8	43
72	Transpiration efficiency of a tropical pioneer tree (<i>Ficus insipida</i>) in relation to soil fertility. <i>Journal of Experimental Botany</i> , 2007, 58, 3549-3566.	2.4	101

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73	Environment or Development? Lifetime Net CO ₂ Exchange and Control of the Expression of Crassulacean Acid Metabolism in <i>Mesembryanthemum crystallinum</i> Å. <i>Plant Physiology</i> , 2007, 143, 98-107.	2.3	91
74	Photoprotection, photosynthesis and growth of tropical tree seedlings under near-ambient and strongly reduced solar ultraviolet-B radiation. <i>Journal of Plant Physiology</i> , 2007, 164, 1311-1322.	1.6	15
75	On the nature of facultative and constitutive CAM: environmental and developmental control of CAM expression during early growth of <i>Clusia</i> , <i>Kalanchoe</i> , and <i>Opuntia</i> . <i>Journal of Experimental Botany</i> , 2007, 59, 1829-1840.	2.4	124
76	Diversity, Phylogeny and Classification of <i>Clusia</i> . , 2007, , 95-116.		41
77	Distribution of crassulacean acid metabolism in orchids of Panama: evidence of selection for weak and strong modes. <i>Functional Plant Biology</i> , 2005, 32, 397.	1.1	129
78	Carbon isotope composition of canopy leaves in a tropical forest in Panama throughout a seasonal cycle. <i>Trees - Structure and Function</i> , 2005, 19, 545-551.	0.9	40
79	The effects of salinity, crassulacean acid metabolism and plant age on the carbon isotope composition of <i>Mesembryanthemum crystallinum</i> L., a halophytic C ₃ -CAM species. <i>Planta</i> , 2005, 222, 201-209.	1.6	63
80	Research note: Large gene family of phosphoenolpyruvate carboxylase in the crassulacean acid metabolism plant <i>Kalanchoe pinnata</i> (Crassulaceae) characterised by partial cDNA sequence analysis. <i>Functional Plant Biology</i> , 2005, 32, 467.	1.1	26
81	Growth irradiance effects on photosynthesis and growth in two co-occurring shade-tolerant neotropical perennials of contrasting photosynthetic pathways. <i>American Journal of Botany</i> , 2005, 92, 1811-1819.	0.8	24
82	Carbon isotope composition and water-use efficiency in plants with crassulacean acid metabolism. <i>Functional Plant Biology</i> , 2005, 32, 381.	1.1	108
83	? ¹³ C values and crassulacean acid metabolism in <i>Clusia</i> species from Panama. <i>Trees - Structure and Function</i> , 2004, 18, 658-668.	0.9	69
84	Do mature shade leaves of tropical tree seedlings acclimate to high sunlight and UV radiation?. <i>Functional Plant Biology</i> , 2004, 31, 743.	1.1	41
85	Multiple origins of crassulacean acid metabolism and the epiphytic habit in the Neotropical family Bromeliaceae. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 3703-3708.	3.3	265
86	Photosynthetic CO ₂ uptake in seedlings of two tropical tree species exposed to oscillating elevated concentrations of CO ₂ . <i>Planta</i> , 2003, 218, 152-158.	1.6	63
87	Sudden Exposure to Solar UV-B Radiation Reduces Net CO ₂ Uptake and Photosystem I Efficiency in Shade-Acclimated Tropical Tree Seedlings. <i>Plant Physiology</i> , 2003, 131, 745-752.	2.3	41
88	Capacity of protection against ultraviolet radiation in sun and shade leaves of tropical forest plants. <i>Functional Plant Biology</i> , 2003, 30, 533.	1.1	68
89	How Closely Do the ¹³ C Values of Crassulacean Acid Metabolism Plants Reflect the Proportion of CO ₂ Fixed during Day and Night?. <i>Plant Physiology</i> , 2002, 129, 1843-1851.	2.3	167
90	Carbon isotope ratio and the extent of daily CAM use by Bromeliaceae. <i>New Phytologist</i> , 2002, 156, 75-83.	3.5	77

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91	Marked growth response of communities of two tropical tree species to elevated CO ₂ when soil nutrient limitation is removed. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2001, 196, 47-58.	0.6	26
92	Hydrophobic trichome layers and epicuticular wax powders in Bromeliaceae. <i>American Journal of Botany</i> , 2001, 88, 1371-1389.	0.8	93
93	WHOLE-PLANT CONSEQUENCES OF CRASSULACEAN ACID METABOLISM FOR A TROPICAL FOREST UNDERSTORY PLANT. <i>Ecology</i> , 1999, 80, 1584-1593.	1.5	24
94	Degrees of crassulacean acid metabolism in tropical epiphytic and lithophytic ferns. <i>Functional Plant Biology</i> , 1999, 26, 749.	1.1	47
95	Effects of Solar Ultraviolet Radiation on the Potential Efficiency of Photosystem II in Leaves of Tropical Plants. <i>Plant Physiology</i> , 1999, 121, 1349-1358.	2.3	66
96	Responses of communities of tropical tree species to elevated CO ₂ in a forest clearing. <i>Oecologia</i> , 1998, 116, 207-218.	0.9	50
97	Elevated CO ₂ enhances growth in the rain forest understory plant, <i>Piper cordulatum</i> , at extremely low light intensities. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 1998, 193, 323-326.	0.6	11
98	Low inactivation of D1 protein of photosystem II in young canopy leaves of <i>Anacardium excelsum</i> under high-light stress. <i>Journal of Plant Physiology</i> , 1997, 151, 286-292.	1.6	45
99	Increased xanthophyll cycle activity and reduced D1 protein inactivation related to photoinhibition in two plant systems acclimated to excess light. <i>Plant Science</i> , 1996, 115, 237-250.	1.7	103
100	High rates of photosynthesis in the tropical pioneer tree, <i>Ficus insipida</i> Willd.. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 1995, 190, 265-272.	0.6	57
101	High susceptibility to photoinhibition of young leaves of tropical forest trees. <i>Planta</i> , 1995, 197, 583.	1.6	155
102	Xanthophyll-cycle pigments and photosynthetic capacity in tropical forest species: a comparative field study on canopy, gap and understory plants. <i>Oecologia</i> , 1995, 104, 280-290.	0.9	77
103	The response of five tropical dicotyledon species to solar ultraviolet-B radiation. <i>American Journal of Botany</i> , 1995, 82, 445-453.	0.8	94
104	Annual carbon balance and nitrogen-use efficiency in tropical C ₃ and CAM epiphytes. <i>New Phytologist</i> , 1994, 126, 481-492.	3.5	68
105	A one-year study on carbon, water and nutrient relationships in a tropical C ₃ & CAM hemi-epiphyte, <i>Clusia uvitana</i> Pittier. <i>New Phytologist</i> , 1994, 127, 45-60.	3.5	57
106	Light and dark CO ₂ fixation in <i>Clusia uvitana</i> and the effects of plant water status and CO ₂ availability. <i>Oecologia</i> , 1992, 91, 47-51.	0.9	60
107	Induction of crassulacean acid metabolism in <i>Mesembryanthemum crystallinum</i> increases reproductive success under conditions of drought and salinity stress. <i>Oecologia</i> , 1992, 92, 475-479.	0.9	64
108	Diurnal changes in chlorophylla fluorescence and carotenoid composition in <i>Opuntia ficus-indica</i> , a CAM plant, and in three C ₃ species in Portugal during summer. <i>Oecologia</i> , 1992, 91, 505-510.	0.9	48

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109	Regulatory protein phosphorylation of phosphoenolpyruvate carboxylase in the facultative crassulacean-acid-metabolism plant. <i>Mesembryanthemum crystallinum</i> L.. FEBS Journal, 1992, 209, 95-101.	0.2	51
110	Daily Changes in CO ₂ and Water Vapor Exchange, Chlorophyll Fluorescence, and Leaf Water Relations in the Halophyte <i>Mesembryanthemum crystallinum</i> during the Induction of Crassulacean Acid Metabolism in Response to High NaCl Salinity. <i>Plant Physiology</i> , 1991, 95, 768-776.	2.3	84
111	Photoinhibition and Zeaxanthin Formation in Intact Leaves. <i>Plant Physiology</i> , 1987, 84, 218-224.	2.3	716
112	Day/night variations in turgor pressure in individual cells of <i>Mesembryanthemum crystallinum</i> L.. <i>Oecologia</i> , 1986, 69, 171-175.	0.9	30
113	Photosynthetic characteristics of chloroplasts isolated from <i>Mesembryanthemum crystallinum</i> L., a halophilic plant capable of Crassulacean acid metabolism. <i>Planta</i> , 1983, 159, 66-76.	1.6	31
114	Crassulacean acid metabolism in australian vascular epiphytes and some related species. <i>Oecologia</i> , 1983, 57, 129-141.	0.9	216
115	Light-Stimulated Burst of Carbon Dioxide Uptake following Nocturnal Acidification in the Crassulacean Acid Metabolism Plant <i>Kalanchoe diagraphontiana</i> . <i>Plant Physiology</i> , 1982, 70, 1718-1722.	2.3	30
116	Influence of Nitrate and Ammonia on Photosynthetic Characteristics and Leaf Anatomy of <i>Moricandia arvensis</i> . <i>Plant Physiology</i> , 1982, 70, 616-625.	2.3	67
117	Intracellular Localization of Enzymes of Carbon Metabolism in <i>Mesembryanthemum crystallinum</i> Exhibiting C ₃ Photosynthetic Characteristics or Performing Crassulacean Acid Metabolism. <i>Plant Physiology</i> , 1982, 69, 300-307.	2.3	165
118	Properties of phosphoenolpyruvate carboxylase in rapidly prepared, desalted leaf extracts of the Crassulacean acid metabolism plant <i>Mesembryanthemum crystallinum</i> L.. <i>Planta</i> , 1982, 154, 298-308.	1.6	102
119	Activity of enzymes of carbon metabolism during the induction of Crassulacean acid metabolism in <i>Mesembryanthemum crystallinum</i> L.. <i>Planta</i> , 1982, 155, 8-16.	1.6	160
120	C4 plants of high biomass in arid regions of asia-occurrence of C4 photosynthesis in Chenopodiaceae and Polygonaceae from the Middle East and USSR. <i>Oecologia</i> , 1981, 48, 100-106.	0.9	132
121	¹³ C values of some succulent plants from Madagascar. <i>Oecologia</i> , 1979, 40, 103-112.	0.9	64
122	Seasonal shift from C3 photosynthesis to Crassulacean Acid Metabolism in <i>Mesembryanthemum crystallinum</i> growing in its natural environment. <i>Oecologia</i> , 1978, 34, 225-237.	0.9	164
123	Carbon Assimilation Pathways in <i>Mesembryanthemum nodiflorum</i> L. under Natural Conditions. <i>Zeitschrift für Pflanzenphysiologie</i> , 1978, 88, 153-162.	1.4	32
124	Mineral Ion composition and occurrence of CAM-like diurnal malate fluctuations in plants of coastal and desert habitats of israel and the Sinai. <i>Oecologia</i> , 1976, 25, 125-143.	0.9	40
125	Evidence for the significance of crassulacean acid metabolism as an adaptive mechanism to water stress. <i>Plant Science Letters</i> , 1974, 3, 279-281.	1.9	35
126	¹⁴ CO ₂ dark fixation in the halophytic species <i>mesembryanthemum crystallinum</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1974, 343, 465-468.	1.1	12

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127	NaCl-induzierter crassulaceensÄurestoffwechsel bei Mesembryanthemum crystallinum. Zeitschrift für Pflanzenphysiologie, 1972, 67, 166-170.	1.4	198
128	The incidence of crassulacean acid metabolism in Orchidaceae derived from carbon isotope ratios: a checklist of the flora of Panama and Costa Rica. Botanical Journal of the Linnean Society, 0, 163, 194-222.	0.8	65