# Klaus Winter

## List of Publications by Year in Descending Order



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| 126 papers | 7,837 citations | 52 h-index | 85 g-index |
| 137 ext. papers | 9,363 ext. citations | 5.1 avg, IF | 6.17 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 126 | Photosynthetic quantum efficiency in south-eastern Amazonian trees may be already affected by climate change. *Plant, Cell and Environment*, **2021**, 44, 2428-2439 | 8.4 | 7 |
| 125 | CAM photosynthesis: the acid test. *New Phytologist*, **2021**, 233, 599 | 9.8 | 5 |
| 124 | Photosynthetic plasticity of a tropical tree species, Tabebuia rosea, in response to elevated temperature and [CO ]. *Plant, Cell and Environment*, **2021**, 44, 2347-2364 | 8.4 | 2 |
| 123 | Leaf heat tolerance of 147 tropical forest species varies with elevation and leaf functional traits, but not with phylogeny. *Plant, Cell and Environment*, **2021**, 44, 2414-2427 | 8.4 | 6 |
| 122 | Evolution of crassulacean acid metabolism (CAM) as an escape from ecological niche conservatism in Malagasy Bulbophyllum (Orchidaceae). *New Phytologist*, **2021**, 231, 1236-1248 | 9.8 | 5 |
| 121 | Does the C plant Trianthema portulacastrum (Aizoaceae) exhibit weakly expressed crassulacean acid metabolism (CAM)?. *Functional Plant Biology*, **2021**, 48, 655-665 | 2.7 | 1 |
| 120 | Low-level CAM photosynthesis in a succulent-leaved member of the Urticaceae, Pilea peperomioides. *Functional Plant Biology*, **2021**, 48, 683-690 | 2.7 | 4 |
| 119 | Hydraulic traits of Neotropical canopy liana and tree species across a broad range of wood density: implications for predicting drought mortality with models. *Tree Physiology*, **2021**, 41, 24-34 | 4.2 | 4 |
| 118 | Crassulacean acid metabolism (CAM) supersedes the turgor loss point (TLP) as an important adaptation across a precipitation gradient, in the genus Clusia. *Functional Plant Biology*, **2021**, 48, 703-716 | 2.7 | 1 |
| 117 | Leaf water D reflects water vapour exchange and uptake by C and CAM epiphytic bromeliads in Panama. *Functional Plant Biology*, **2021**, 48, 732-742 | 2.7 | 1 |
| 116 | Diversity of CAM plant photosynthesis (crassulacean acid metabolism): a tribute to Barry Osmond. *Functional Plant Biology*, **2021**, 48, iii-ix | 2.7 | 1 |
| 115 | Large differences in leaf cuticle conductance and its temperature response among 24 tropical tree species from across a rainfall gradient. *New Phytologist*, **2021**, 232, 1618-1631 | 9.8 | 4 |
| 114 | Constitutive and facultative crassulacean acid metabolism (CAM) in Cuban oregano, Coleus amboinicus (Lamiaceae). *Functional Plant Biology*, **2021**, 48, 647-654 | 2.7 | 2 |
| 113 | CAM photosynthesis in desert blooming Cistanthe of the Atacama, Chile. *Functional Plant Biology*, **2021**, 48, 691-702 | 2.7 | 2 |
| 112 | Salinity responses of inland and coastal neotropical trees species. *Plant Ecology*, **2020**, 221, 695-708 | 1.7 | 3 |
| 111 | Occurrence of crassulacean acid metabolism in Colombian orchids determined by leaf carbon isotope ratios. *Botanical Journal of the Linnean Society*, **2020**, 193, 431-477 | 2.2 | 5 |
| 110 | Similar temperature dependence of photosynthetic parameters in sun and shade leaves of three tropical tree species. *Tree Physiology*, **2020**, 40, 637-651 | 4.2 | 5 |

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| 109 | The Photosynthetic System in Tropical Plants Under High Irradiance and Temperature Stress. *Progress in Botany Fortschritte Der Botanik*, **2020**, 131-169 | 0.6 | |
| 108 | TRY plant trait database - enhanced coverage and open access. *Global Change Biology*, **2020**, 26, 119-188 | 11.4 | 399 |
| 107 | Experimenting with domestication: Understanding macro- and micro-phenotypes and developmental plasticity in teosinte in its ancestral pleistocene and early holocene environments. *Journal of Archaeological Science*, **2019**, 108, 104970 | 2.9 | 7 |
| 106 | Ecophysiology of constitutive and facultative CAM photosynthesis. *Journal of Experimental Botany*, **2019**, 70, 6495-6508 | 7 | 52 |
| 105 | Facultative crassulacean acid metabolism in a C3-C4 intermediate. *Journal of Experimental Botany*, **2019**, 70, 6571-6579 | 7 | 18 |
| 104 | Operating at the very low end of the crassulacean acid metabolism spectrum: Sesuvium portulacastrum (Aizoaceae). *Journal of Experimental Botany*, **2019**, 70, 6561-6570 | 7 | 10 |
| 103 | Photosynthetic heat tolerance of shade and sun leaves of three tropical tree species. *Photosynthesis Research*, **2019**, 141, 119-130 | 3.7 | 20 |
| 102 | Altered Gene Regulatory Networks Are Associated With the Transition From C to Crassulacean Acid Metabolism in (Oncidiinae: Orchidaceae). *Frontiers in Plant Science*, **2018**, 9, 2000 | 6.2 | 19 |
| 101 | High tolerance of tropical sapling growth and gas exchange to moderate warming. *Functional Ecology*, **2018**, 32, 599-611 | 5.6 | 27 |
| 100 | Optional use of CAM photosynthesis in two C species, Portulaca cyclophylla and Portulaca digyna. *Journal of Plant Physiology*, **2017**, 214, 91-96 | 3.6 | 23 |
| 99 | In situ temperature response of photosynthesis of 42 tree and liana species in the canopy of two Panamanian lowland tropical forests with contrasting rainfall regimes. *New Phytologist*, **2017**, 214, 1103-1117 | 9.8 | 78 |
| 98 | Facultative crassulacean acid metabolism (CAM) in four small C3 and C4 leaf-succulents. *Australian Journal of Botany*, **2017**, 65, 103 | 1.2 | 22 |
| 97 | Photosynthetic acclimation to warming in tropical forest tree seedlings. *Journal of Experimental Botany*, **2017**, 68, 2275-2284 | 7 | 48 |
| 96 | In situ temperature relationships of biochemical and stomatal controls of photosynthesis in four lowland tropical tree species. *Plant, Cell and Environment*, **2017**, 40, 3055-3068 | 8.4 | 39 |
| 95 | The Kalanchoë genome provides insights into convergent evolution and building blocks of crassulacean acid metabolism. *Nature Communications*, **2017**, 8, 1899 | 17.4 | 77 |
| 94 | Facultative CAM photosynthesis (crassulacean acid metabolism) in four species of Calandrinia, ephemeral succulents of arid Australia. *Photosynthesis Research*, **2017**, 134, 17-25 | 3.7 | 14 |
| 93 | Protection by light against heat stress in leaves of tropical crassulacean acid metabolism plants containing high acid levels. *Functional Plant Biology*, **2016**, 43, 1061-1069 | 2.7 | 11 |
| 92 | Australia lacks stem succulents but is it depauperate in plants with crassulacean acid metabolism (CAM)?. *Current Opinion in Plant Biology*, **2016**, 31, 109-17 | 9.9 | 15 |

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| 91 | The effects of CO2 and nutrient fertilisation on the growth and temperature response of the mangrove Avicennia germinans. *Photosynthesis Research*, **2016**, 129, 159-70 | 3.7 | 35 |
| 90 | The Effects of Rising Temperature on the Ecophysiology of Tropical Forest Trees. *Tree Physiology*, **2016**, 385-412 | | 22 |
| 89 | Reversible Burst of Transcriptional Changes during Induction of Crassulacean Acid Metabolism in Talinum triangulare. *Plant Physiology*, **2016**, 170, 102-22 | 6.6 | 53 |
| 88 | Temperature response of CO exchange in three tropical tree species. *Functional Plant Biology*, **2016**, 43, 468-478 | 2.7 | 46 |
| 87 | Crassulacean acid metabolism: a continuous or discrete trait?. *New Phytologist*, **2015**, 208, 73-8 | 9.8 | 83 |
| 86 | A roadmap for research on crassulacean acid metabolism (CAM) to enhance sustainable food and bioenergy production in a hotter, drier world. *New Phytologist*, **2015**, 207, 491-504 | 9.8 | 134 |
| 85 | Photosynthetic pathways in Bromeliaceae: phylogenetic and ecological significance of CAM and C3based on carbon isotope ratios for 1893 species. *Botanical Journal of the Linnean Society*, **2015**, 178, 169-221 | 2.2 | 86 |
| 84 | Cryptic crassulacean acid metabolism (CAM) in Jatropha curcas. *Functional Plant Biology*, **2015**, 42, 711-717 | 2.7 | 12 |
| 83 | Light-stimulated heat tolerance in leaves of two neotropical tree species, Ficus insipida and Calophyllum longifolium. *Functional Plant Biology*, **2014**, 42, 42-51 | 2.7 | 25 |
| 82 | Facultative crassulacean acid metabolism (CAM) plants: powerful tools for unravelling the functional elements of CAM photosynthesis. *Journal of Experimental Botany*, **2014**, 65, 3425-41 | 7 | 138 |
| 81 | Adaptive radiation, correlated and contingent evolution, and net species diversification in Bromeliaceae. *Molecular Phylogenetics and Evolution*, **2014**, 71, 55-78 | 4.1 | 240 |
| 80 | Thermal acclimation of leaf respiration of tropical trees and lianas: response to experimental canopy warming, and consequences for tropical forest carbon balance. *Global Change Biology*, **2014**, 20, 2915-26 | 11.4 | 77 |
| 79 | Limited photosynthetic plasticity in the leaf-succulent CAM plant Agave angustifolia grown at different temperatures. *Functional Plant Biology*, **2014**, 41, 843-849 | 2.7 | 12 |
| 78 | Multiple isoforms of phosphoenolpyruvate carboxylase in the Orchidaceae (subtribe Oncidiinae): implications for the evolution of crassulacean acid metabolism. *Journal of Experimental Botany*, **2014**, 65, 3623-36 | 7 | 35 |
| 77 | Nocturnal versus diurnal CO2 uptake: how flexible is Agave angustifolia?. *Journal of Experimental Botany*, **2014**, 65, 3695-703 | 7 | 9 |
| 76 | Environmental and physiological determinants of carbon isotope discrimination in terrestrial plants. *New Phytologist*, **2013**, 200, 950-65 | 9.8 | 354 |
| 75 | Tropical forest responses to increasing atmospheric CO: current knowledge and opportunities for future research. *Functional Plant Biology*, **2013**, 40, 531-551 | 2.7 | 97 |
| 74 | Thermal tolerance, net CO2 exchange and growth of a tropical tree species, Ficus insipida, cultivated at elevated daytime and nighttime temperatures. *Journal of Plant Physiology*, **2013**, 170, 822-7 | 3.6 | 32 |

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| 73 | Elevated night-time temperatures increase growth in seedlings of two tropical pioneer tree species. *New Phytologist*, **2013**, 197, 1185-1192 | 9.8 | 52 |
| 72 | Growth response and acclimation of CO2 exchange characteristics to elevated temperatures in tropical tree seedlings. *Journal of Experimental Botany*, **2013**, 64, 3817-28 | 7 | 51 |
| 71 | Photosynthesis, photoprotection, and growth of shade-tolerant tropical tree seedlings under full sunlight. *Photosynthesis Research*, **2012**, 113, 273-85 | 3.7 | 44 |
| 70 | Plant science. Photosynthesis, reorganized. *Science*, **2011**, 332, 311-2 | 33.3 | 48 |
| 69 | Induction and reversal of crassulacean acid metabolism in Calandrinia polyandra: effects of soil moisture and nutrients. *Functional Plant Biology*, **2011**, 38, 576-582 | 2.7 | 38 |
| 68 | Responses of legume versus nonlegume tropical tree seedlings to elevated CO2 concentration. *Plant Physiology*, **2011**, 157, 372-85 | 6.6 | 54 |
| 67 | Drought-stress-induced up-regulation of CAM in seedlings of a tropical cactus, Opuntia elatior, operating predominantly in the C3 mode. *Journal of Experimental Botany*, **2011**, 62, 4037-42 | 7 | 34 |
| 66 | Karatophyllum bromelioides L.D. Gomez revisited: a probable fossil CAM bromeliad. *American Journal of Botany*, **2011**, 98, 1905-8 | 2.7 | 6 |
| 65 | 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*, **2010**, 163, 194-222 | 2.2 | 44 |
| 64 | High-temperature tolerance of a tropical tree, Ficus insipida: methodological reassessment and climate change considerations. *Functional Plant Biology*, **2010**, 37, 890 | 2.7 | 69 |
| 63 | Evolution along the crassulacean acid metabolism continuum. *Functional Plant Biology*, **2010**, 37, 995 | 2.7 | 133 |
| 62 | Crassulacean acid metabolism and epiphytism linked to adaptive radiations in the Orchidaceae. *Plant Physiology*, **2009**, 149, 1838-47 | 6.6 | 128 |
| 61 | Canopy CO2 exchange of two neotropical tree species exhibiting constitutive and facultative CAM photosynthesis, Clusia rosea and Clusia cylindrica. *Journal of Experimental Botany*, **2009**, 60, 3167-77 | 7 | 13 |
| 60 | Sun-shade patterns of leaf carotenoid composition in 86 species of neotropical forest plants. *Functional Plant Biology*, **2009**, 36, 20-36 | 2.7 | 70 |
| 59 | Lutein epoxide cycle, light harvesting and photoprotection in species of the tropical tree genus Inga. *Plant, Cell and Environment*, **2008**, 31, 548-61 | 8.4 | 38 |
| 58 | Oxygen isotope composition of CAM and C3 Clusia species: non-steady-state dynamics control leaf water 18O enrichment in succulent leaves. *Plant, Cell and Environment*, **2008**, 31, 1644-62 | 8.4 | 21 |
| 57 | On the nature of facultative and constitutive CAM: environmental and developmental control of CAM expression during early growth of Clusia, Kalanchë, and Opuntia. *Journal of Experimental Botany*, **2008**, 59, 1829-40 | 7 | 96 |
| 56 | Diversity, Phylogeny and Classification of Clusia **2007**, 95-116 | | 21 |

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| 55 | Crassulacean acid metabolism in the ZZ plant, Zamioculcas zamiifolia (Araceae). *American Journal of Botany*, **2007**, 94, 1670-6 | 2.7 | 40 |
| 54 | Transpiration efficiency of a tropical pioneer tree (Ficus insipida) in relation to soil fertility. *Journal of Experimental Botany*, **2007**, 58, 3549-66 | 7 | 82 |
| 53 | Environment or development? Lifetime net CO2 exchange and control of the expression of Crassulacean acid metabolism in Mesembryanthemum crystallinum. *Plant Physiology*, **2007**, 143, 98-107 | 6.6 | 81 |
| 52 | Photoprotection, photosynthesis and growth of tropical tree seedlings under near-ambient and strongly reduced solar ultraviolet-B radiation. *Journal of Plant Physiology*, **2007**, 164, 1311-22 | 3.6 | 13 |
| 51 | Growth irradiance effects on photosynthesis and growth in two co-occurring shade-tolerant neotropical perennials of contrasting photosynthetic pathways. *American Journal of Botany*, **2005**, 92, 1811-9 | 2.7 | 21 |
| 50 | Carbon isotope composition and water-use efficiency in plants with crassulacean acid metabolism. *Functional Plant Biology*, **2005**, 32, 381-388 | 2.7 | 81 |
| 49 | Distribution of crassulacean acid metabolism in orchids of Panama: evidence of selection for weak and strong modes. *Functional Plant Biology*, **2005**, 32, 397-407 | 2.7 | 98 |
| 48 | Carbon isotope composition of canopy leaves in a tropical forest in Panama throughout a seasonal cycle. *Trees - Structure and Function*, **2005**, 19, 545-551 | 2.6 | 34 |
| 47 | The effects of salinity, crassulacean acid metabolism and plant age on the carbon isotope composition of Mesembryanthemum crystallinum L., a halophytic C(3)-CAM species. *Planta*, **2005**, 222, 201-9 | 4.7 | 56 |
| 46 | Research note: Large gene family of phosphoenolpyruvate carboxylase in the crassulacean acid metabolism plant Kalanchoe pinnata (Crassulaceae) characterised by partial cDNA sequence analysis. *Functional Plant Biology*, **2005**, 32, 467-472 | 2.7 | 19 |
| 45 | 13C values and crassulacean acid metabolism in Clusia species from Panama. *Trees - Structure and Function*, **2004**, 18, 658-668 | 2.6 | 50 |
| 44 | Do mature shade leaves of tropical tree seedlings acclimate to high sunlight and UV radiation?. *Functional Plant Biology*, **2004**, 31, 743-756 | 2.7 | 37 |
| 43 | Multiple origins of crassulacean acid metabolism and the epiphytic habit in the Neotropical family Bromeliaceae. *Proceedings of the National Academy of Sciences of the United States of America*, **2004** , 101, 3703-8 | 11.5 | 218 |
| 42 | Sudden exposure to solar UV-B radiation reduces net CO(2) uptake and photosystem I efficiency in shade-acclimated tropical tree seedlings. *Plant Physiology*, **2003**, 131, 745-52 | 6.6 | 35 |
| 41 | Photosynthetic CO2 uptake in seedlings of two tropical tree species exposed to oscillating elevated concentrations of CO2. *Planta*, **2003**, 218, 152-8 | 4.7 | 62 |
| 40 | Capacity of protection against ultraviolet radiation in sun and shade leaves of tropical forest plants. *Functional Plant Biology*, **2003**, 30, 533-542 | 2.7 | 60 |
| 39 | Carbon isotope ratio and the extent of daily CAM use by Bromeliaceae. *New Phytologist*, **2002**, 156, 75-83 | 3.8 | 66 |
| 38 | How closely do the delta(13)C values of Crassulacean Acid metabolism plants reflect the proportion of CO(2) fixed during day and night?. *Plant Physiology*, **2002**, 129, 1843-51 | 6.6 | 138 |

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| 37 | Marked growth response of communities of two tropical tree species to elevated CO2 when soil nutrient limitation is removed. *Flora: Morphology, Distribution, Functional Ecology of Plants*, **2001**, 196, 47-58 | 1.9 | 24 |
| 36 | Hydrophobic trichome layers and epicuticular wax powders in Bromeliaceae. *American Journal of Botany*, **2001**, 88, 1371-1389 | 2.7 | 73 |
| 35 | WHOLE-PLANT CONSEQUENCES OF CRASSULACEAN ACID METABOLISM FOR A TROPICAL FOREST UNDERSTORY PLANT. *Ecology*, **1999**, 80, 1584-1593 | 4.6 | 17 |
| 34 | Degrees of crassulacean acid metabolism in tropical epiphytic and lithophytic ferns. *Functional Plant Biology*, **1999**, 26, 749 | 2.7 | 34 |
| 33 | Effects of solar ultraviolet radiation on the potential efficiency of photosystem II in leaves of tropical plants. *Plant Physiology*, **1999**, 121, 1349-58 | 6.6 | 60 |
| 32 | Responses of communities of tropical tree species to elevated CO in a forest clearing. *Oecologia*, **1998**, 116, 207-218 | 2.9 | 38 |
| 31 | Elevated CO2 enhances growth in the rain forest understory plant, Piper cordulatum, at extremely low light intensities. *Flora: Morphology, Distribution, Functional Ecology of Plants*, **1998**, 193, 323-326 | 1.9 | 8 |
| 30 | Low inactivation of D1 protein of photosystem II in young canopy leaves of Anacardium excelsum under high-light stress. *Journal of Plant Physiology*, **1997**, 151, 286-292 | 3.6 | 42 |
| 29 | Increased xanthophyll cycle activity and reduced D1 protein inactivation related to photoinhibition in two plant systems acclimated to excess light. *Plant Science*, **1996**, 115, 237-250 | 5.3 | 92 |
| 28 | High susceptibility to photoinhibition of young leaves of tropical forest trees. *Planta*, **1995**, 197, 583 | 4.7 | 123 |
| 27 | Xanthophyll-cycle pigments and photosynthetic capacity in tropical forest species: a comparative field study on canopy, gap and understory plants. *Oecologia*, **1995**, 104, 280-290 | 2.9 | 70 |
| 26 | The response of five tropical dicotyledon species to solar ultraviolet-B radiation. *American Journal of Botany*, **1995**, 82, 445-453 | 2.7 | 83 |
| 25 | High rates of photosynthesis in the tropical pioneer tree, Ficus insipida Willd.. *Flora: Morphology, Distribution, Functional Ecology of Plants*, **1995**, 190, 265-272 | 1.9 | 43 |
| 24 | Annual carbon balance and nitrogen-use efficiency in tropical C and CAM epiphytes. *New Phytologist*, **1994**, 126, 481-492 | 9.8 | 58 |
| 23 | A one-year study on carbon, water and nutrient relationships in a tropical C -CAM hemi-epiphyte, Clusia uvitana Pittier. *New Phytologist*, **1994**, 127, 45-60 | 9.8 | 49 |
| 22 | Light and dark CO fixation in Clusia uvitana and the effects of plant water status and CO availability. *Oecologia*, **1992**, 91, 47-51 | 2.9 | 53 |
| 21 | Induction of crassulacean acid metabolism in Mesembryanthemum crystallinum increases reproductive success under conditions of drought and salinity stress. *Oecologia*, **1992**, 92, 475-479 | 2.9 | 54 |
| 20 | Diurnal changes in chlorophylla fluorescence and carotenoid composition inOpuntia ficus-indica, a CAM plant, and in three C species in Portugal during summer. *Oecologia*, **1992**, 91, 505-510 | 2.9 | 44 |

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| 19 | Regulatory protein phosphorylation of phosphoenolpyruvate carboxylase in the facultative crassulacean-acid-metabolism plant Mesembryanthemum crystallinum L. *FEBS Journal*, **1992**, 209, 95-101 | | 41 |
| 18 | Daily Changes in CO(2) and Water Vapor Exchange, Chlorophyll Fluorescence, and Leaf Water Relations in the Halophyte Mesembryanthemum crystallinum during the Induction of Crassulacean Acid Metabolism in Response to High NaCl Salinity. *Plant Physiology*, **1991**, 95, 768-76 | 6.6 | 74 |
| 17 | Photoinhibition and zeaxanthin formation in intact leaves : a possible role of the xanthophyll cycle in the dissipation of excess light energy. *Plant Physiology*, **1987**, 84, 218-24 | 6.6 | 647 |
| 16 | Day/night variations in turgor pressure in individual cells of Mesembryanthemum crystallinum L. *Oecologia*, **1986**, 69, 171-175 | 2.9 | 26 |
| 15 | Photosynthetic characteristics of chloroplasts isolated fromMesembryanthemum crystallinum L., a halophilic plant capable of Crassulacean acid metabolism. *Planta*, **1983**, 159, 66-76 | 4.7 | 26 |
| 14 | Crassulacean acid metabolism in australian vascular epiphytes and some related species. *Oecologia*, **1983**, 57, 129-141 | 2.9 | 189 |
| 13 | Light-Stimulated Burst of Carbon Dioxide Uptake following Nocturnal Acidification in the Crassulacean Acid Metabolism Plant Kalancho□diagremontiana. *Plant Physiology*, **1982**, 70, 1718-22 | 6.6 | 30 |
| 12 | Influence of Nitrate and Ammonia on Photosynthetic Characteristics and Leaf Anatomy of Moricandia arvensis. *Plant Physiology*, **1982**, 70, 616-25 | 6.6 | 63 |
| 11 | Intracellular Localization of Enzymes of Carbon Metabolism in Mesembryanthemum crystallinum Exhibiting C(3) Photosynthetic Characteristics or Performing Crassulacean Acid Metabolism. *Plant Physiology*, **1982**, 69, 300-7 | 6.6 | 144 |
| 10 | Properties of phosphoenolpyruvate carboxylase in rapidly prepared, desalted leaf extracts of the Crassulacean acid metabolism plant Mesembryanthemum crystallinum L. *Planta*, **1982**, 154, 298-308 | 4.7 | 91 |
| 9 | Activity of enzymes of carbon metabolism during the induction of Crassulacean acid metabolism in Mesembryanthemum crystallinum L. *Planta*, **1982**, 155, 8-16 | 4.7 | 139 |
| 8 | C plants of high biomass in arid regions of asia-occurrence of C photosynthesis in Chenopodiaceae and Polygonaceae from the Middle East and USSR. *Oecologia*, **1981**, 48, 100-106 | 2.9 | 106 |
| 7 | □ values of some succulent plants from Madagascar. *Oecologia*, **1979**, 40, 103-112 | 2.9 | 54 |
| 6 | Seasonal shift from C photosynthesis to Crassulacean Acid Metabolism in Mesembryanthemum crystallinum growing in its natural environment. *Oecologia*, **1978**, 34, 225-237 | 2.9 | 142 |
| 5 | Carbon Assimilation Pathways in Mesembryanthemum nodiflorum L. under Natural Conditions. *Zeitschrift F□ Pflanzenphysiologie*, **1978**, 88, 153-162 | | 28 |
| 4 | Mineral Ion composition and occurrence of CAM-like diurnal malate fluctuations in plants of coastal and desert habitats of israel and the Sinai. *Oecologia*, **1976**, 25, 125-143 | 2.9 | 33 |
| 3 | Evidence for the significance of crassulacean acid metabolism as an adaptive mechanism to water stress. *Plant Science Letters*, **1974**, 3, 279-281 | | 30 |
| 2 | 14CO2 dark fixation in the halophytic species Mesembryanthemum crystallinum. *Biochimica Et Biophysica Acta - General Subjects*, **1974**, 343, 465-8 | 4 | 9 |

1 NaCl-induzierter crassulaceensäurestoffwechsel bei Mesembryanthemum crystallinum. *Zeitschrift Für Pflanzenphysiologie*, **1972**, 67, 166-170 161