

# Dennis H Greer

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,517  
citations

361413

20  
h-index

315739

38  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1397  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction effects of temperature and light on shoot architecture, growth dynamics and gas exchange of young <i>Vitis vinifera</i> cv. Shiraz vines in controlled environment conditions. <i>Functional Plant Biology</i> , 2022, 49, 54.	2.1	0
2	Leaf temperature and CO <sub>2</sub> . <i>Functional Plant Biology</i> , 2022, 49, 659-671.	2.1	1
3	Changes in photosynthesis and chlorophyll a fluorescence in relation to leaf temperature from just before to after harvest of <i>Vitis vinifera</i> cv. Shiraz vines grown in outdoor conditions. <i>Functional Plant Biology</i> , 2021, , .	2.1	2
4	Changes in the temperature-dependency of the photosynthetic response to chloroplast CO <sub>2</sub> concentrations of outdoor-grown <i>Vitis vinifera</i> cv. Shiraz vines with a mid-season crop removal. <i>Environmental and Experimental Botany</i> , 2020, 169, 103914.	4.2	4
5	Stomatal and non-stomatal limitations at different leaf temperatures to the photosynthetic process during the post-harvest period for <i>Vitis vinifera</i> cv. Chardonnay vines.. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2020, 48, 1-21.	1.3	6
6	Potassium and Magnesium Mediate the Light and CO <sub>2</sub> Photosynthetic Responses of Grapevines. <i>Biology</i> , 2020, 9, 144.	2.8	10
7	Short-term temperature dependency of the photosynthetic and PSII photochemical responses to photon flux density of leaves of <i>Vitis vinifera</i> cv. Shiraz vines grown in field conditions with and without fruit. <i>Functional Plant Biology</i> , 2019, 46, 634.	2.1	6
8	Modelling the seasonal changes in the gas exchange response to CO <sub>2</sub> in relation to short-term leaf temperature changes in <i>Vitis vinifera</i> cv. Shiraz grapevines grown in outdoor conditions. <i>Plant Physiology and Biochemistry</i> , 2019, 142, 372-383.	5.8	7
9	Can a small differential in canopy temperature influence performance of Semillon in a vineyard?. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2019, 47, 63-82.	1.3	2
10	The short-term temperature-dependency of CO <sub>2</sub> photosynthetic responses of two <i>Vitis vinifera</i> cultivars grown in a hot climate. <i>Environmental and Experimental Botany</i> , 2018, 147, 125-137.	4.2	9
11	Modelling seasonal changes in the temperature-dependency of CO <sub>2</sub> photosynthetic responses in two <i>Vitis vinifera</i> cultivars. <i>Functional Plant Biology</i> , 2018, 45, 315.	2.1	7
12	Photosynthetic responses to CO <sub>2</sub> at different leaf temperatures in leaves of apple trees ( <i>Malus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 <i>Experimental Botany</i> , 2018, 155, 56-65.	4.2	10
13	Responses of biomass accumulation, photosynthesis and the net carbon budget to high canopy temperatures of <i>Vitis vinifera</i> L. cv. Semillon vines grown in field conditions. <i>Environmental and Experimental Botany</i> , 2017, 138, 10-20.	4.2	15
14	Temperature and CO <sub>2</sub> dependency of the photosynthetic photon flux density responses of leaves of <i>Vitis vinifera</i> cvs. Chardonnay and Merlot grown in a hot climate. <i>Plant Physiology and Biochemistry</i> , 2017, 111, 295-303.	5.8	11
15	Establishing the temperature dependency of vegetative and reproductive growth processes and their threshold temperatures of vineyard-grown <i>Vitis vinifera</i> cv. Semillon vines across the growing season. <i>Functional Plant Biology</i> , 2016, 43, 986.	2.1	12
16	Photon flux density and temperature-dependent responses of photosynthesis and photosystem II performance of apple leaves grown in field conditions. <i>Functional Plant Biology</i> , 2015, 42, 782.	2.1	12
17	Temperature-dependent responses of the photosynthetic and chlorophyll fluorescence attributes of apple ( <i>Malus domestica</i> ) leaves during a sustained high temperature event. <i>Plant Physiology and Biochemistry</i> , 2015, 97, 139-146.	5.8	17
18	Seasonal changes in the photosynthetic response to CO <sub>2</sub> and temperature in apple ( <i>Malus domestica</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T <i>Biology</i> , 2015, 42, 309.	2.1	20

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19	Does the hydrocooling of <i>Vitis vinifera</i> cv. Semillon vines protect the vegetative and reproductive growth processes and vine performance against high summer temperatures?. <i>Functional Plant Biology</i> , 2014, 41, 620.	2.1	19
20	The impact of high temperatures on <i>Vitis vinifera</i> cv. Semillon grapevine performance and berry ripening. <i>Frontiers in Plant Science</i> , 2013, 4, 491.	3.6	125
21	Modelling leaf photosynthetic and transpiration temperature-dependent responses in <i>Vitis vinifera</i> cv. Semillon grapevines growing in hot, irrigated vineyard conditions. <i>AoB PLANTS</i> , 2012, 2012, pls009.	2.3	43
22	Modelling photosynthetic responses to temperature of grapevine ( <i>Vitis vinifera</i> cv. Semillon) leaves on vines grown in a hot climate. <i>Plant, Cell and Environment</i> , 2012, 35, 1050-1064.	5.7	182
23	Interactions between light and growing season temperatures on, growth and development and gas exchange of Semillon ( <i>Vitis vinifera</i> L.) vines grown in an irrigated vineyard. <i>Plant Physiology and Biochemistry</i> , 2012, 54, 59-69.	5.8	42
24	Transpiration efficiency of the grapevine cv. Semillon is tied to VPD in warm climates. <i>Annals of Applied Biology</i> , 2011, 158, 106-114.	2.5	26
25	Reductions in biomass accumulation, photosynthesis in situ and net carbon balance are the costs of protecting <i>Vitis vinifera</i> 'Semillon' grapevines from heat stress with shade covering. <i>AoB PLANTS</i> , 2011, 2011, plr023.	2.3	54
26	Heat stress affects flowering, berry growth, sugar accumulation and photosynthesis of <i>Vitis vinifera</i> cv. Semillon grapevines grown in a controlled environment. <i>Functional Plant Biology</i> , 2010, 37, 206.	2.1	182
27	Shoot architecture, growth and development dynamics of <i>Vitis vinifera</i> cv. Semillon vines grown in an irrigated vineyard with and without shade covering. <i>Functional Plant Biology</i> , 2010, 37, 1061.	2.1	34
28	Effects of fruiting on vegetative growth and development dynamics of grapevines ( <i>Vitis vinifera</i> cv.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	2.1	25
29	Leaf photosynthetic and solar-tracking responses of mallow, <i>Malva parviflora</i> , to photon flux density. <i>Plant Physiology and Biochemistry</i> , 2009, 47, 946-953.	5.8	9
30	Does night-time transpiration contribute to anisohydric behaviour in a <i>Vitis vinifera</i> cultivar?. <i>Journal of Experimental Botany</i> , 2009, 60, 3751-3763.	4.8	114
31	The net carbon balance in relation to growth and biomass accumulation of grapevines ( <i>Vitis vinifera</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 34</i>	2.1	34
32	Root-zone temperatures affect phenology of bud break, flower cluster development, shoot extension growth and gas exchange of 'Braeburn' ( <i>Malus domestica</i> ) apple trees. <i>Tree Physiology</i> , 2006, 26, 105-111.	3.1	40
33	Effects of the Fungal Endophyte, <i>Neotyphodium lolii</i> , on Net Photosynthesis and Growth Rates of Perennial Ryegrass ( <i>Lolium perenne</i> ) are Independent of In Planta Endophyte Concentration. <i>Annals of Botany</i> , 2006, 98, 379-387.	2.9	73
34	Non-destructive chlorophyll fluorescence and colour measurements of 'Braeburn' and 'Royal Gala' apple ( <i>Malus domestica</i> ) fruit development throughout the growing season. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2005, 33, 413-421.	1.3	23
35	Physiological and biochemical leaf and tree responses to crop load in apple. <i>Tree Physiology</i> , 2005, 25, 1253-1263.	3.1	89
36	From controlled environments to field simulations: leaf area dynamics and photosynthesis of kiwifruit vines ( <i>Actinidia deliciosa</i> ). <i>Functional Plant Biology</i> , 2004, 31, 169.	2.1	26

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37	Late-season temperature effects on the carbon economy and tree performance of 'Royal Gala'™ apple ( <i>Malus domestica</i> ) trees. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2003, 31, 235-245.	1.3	10
38	Temperature-dependence of carbon acquisition and demand in relation to shoot and fruit growth of fruiting kiwifruit ( <i>Actinidia deliciosa</i> ) vines grown in controlled environments. <i>Functional Plant Biology</i> , 2003, 30, 927.	2.1	30
39	Photosynthetic and fluorescence light responses for kiwifruit ( <i>Actinidia deliciosa</i> ) leaves at different stages of development on vines grown at two different photon flux densities. <i>Functional Plant Biology</i> , 2001, 28, 373.	2.1	26
40	Effects of Crop Load on Fruiting and Gas-exchange Characteristics of 'Braeburn'/M.26 Apple Trees at Full Canopy. <i>Journal of the American Society for Horticultural Science</i> , 2000, 125, 93-99.	1.0	130
41	Temperature-dependence of carbon acquisition and demand in relation to shoot growth of kiwifruit ( <i>Actinidia deliciosa</i> ) vines grown in controlled environments. <i>Functional Plant Biology</i> , 1998, 25, 843.	2.1	26
42	Does water stress exacerbate the impacts of heat stress on berry development of <i>Vitis vinifera</i> cv. Semillon vines grown in controlled environment conditions?. <i>New Zealand Journal of Crop and Horticultural Science</i> , 0, , 1-16.	1.3	1