Stanley D Smith

List of Publications by Year
in descending order

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Version: 2024-02-01

34 papers	6,415 citations	201658 27 h-index	414395 32 g-index
34 all docs	34 docs citations	34 times ranked	6841 citing authors

#	Article	IF	Citations
1	Dominant plant taxa predict plant productivity responses to CO2 enrichment across precipitation and soil gradients. AoB PLANTS, 2015, 7, .	2.3	18
2	Does a decade of elevated [CO 2] affect a desert perennial plant community?. New Phytologist, 2014, 201, 498-504.	7.3	9
3	Longâ€term response of a Mojave Desert winter annual plant community to a wholeâ€ecosystem atmospheric <scp><scp>CO₂</scp></scp> manipulation (<scp>FACE</scp>). Global Change Biology, 2014, 20, 879-892.	9.5	34
4	Annual-perennial plant relationships and species selection for desert restoration. Journal of Arid Land, 2013, 5, 298-309.	2.3	19
5	No cumulative effect of 10Âyears of elevated [<scp><scp>CO₂</scp></scp>] on perennial plant biomass components in the Mojave Desert. Global Change Biology, 2013, 19, 2168-2181.	9.5	66
6	Canopy volumeâ€“aboveground biomass relationships of desert perennials and the effects of elevated CO2. Ecology, 2013, 94, 2656-2657.	3.2	0
7	Shifting species interactions in terrestrial dryland ecosystems under altered water availability and climate change. Biological Reviews, 2012, 87, 563-582.	10.4	141
8	Differential daytime and nightâ€time stomatal behavior in plants from North American deserts. New Phytologist, 2012, 194, 464-476.	7.3	99
9	Identifying Native Vegetation for Reducing Exotic Species during the Restoration of Desert Ecosystems. Restoration Ecology, 2012, 20, 781-787.	2.9	46
10	The temperature responses of soil respiration in deserts: a seven desert synthesis. Biogeochemistry, 2011, 103, 71-90.	3.5	101
11	Consequences of More Extreme Precipitation Regimes for Terrestrial Ecosystems. BioScience, 2008, 58, 811-821.	4.9	959
12	Linking Plant Invasions to Global Environmental Change. , 2007, , 93-102.		57
13	Increases in Desert Shrub Productivity under Elevated Carbon Dioxide Vary with Water Availability. Ecosystems, 2006, 9, 374-385.	3.4	64
14	Net ecosystem CO2 exchange in Mojave Desert shrublands during the eighth year of exposure to elevated CO2. Global Change Biology, 2005, 11, 749-756.	9.5	124
15	Evidence of drought-induced stress on biotic crust moss in the Mojave Desert. Plant, Cell and Environment, 2005, 28, 939-947.	5.7	76
16	CO2ENRICHMENT REDUCES THE ENERGETIC COST OF BIOMASS CONSTRUCTION IN AN INVASIVE DESERT GRASS. Ecology, 2004, 85, 100-106.	3.2	53
17	Functional responses of plants to elevated atmospheric CO 2 â€“ do photosynthetic and productivity data from FACE experiments support early predictions?. New Phytologist, 2004, 162, 253-280.	7.3	624
18	Convergence across biomes to a common rain-use efficiency. Nature, 2004, 429, 651-654.	27.8	968

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19	ELEVATED ATMOSPHERIC CO2DOES NOT CONSERVE SOIL WATER IN THE MOJAVE DESERT. Ecology, 2004, 85, 93-99.	3.2	59
20	Photosynthetic responses of Mojave Desert shrubs to free air CO2 enrichment are greatest during wet years. Global Change Biology, 2003, 9, 276-285.	9.5	69
21	Functional ecology of shrub seedlings after a natural recruitment event at the Nevada Desert FACE Facility. Global Change Biology, 2003, 9, 718-728.	9.5	19
22	On the relationship between stomatal characters and atmospheric CO2. Geophysical Research Letters, 2003, 30, .	4.0	53
23	Assessing the Response of Terrestrial Ecosystems to Potential Changes in Precipitation. BioScience, 2003, 53, 941.	4.9	680
24	Soil resource heterogeneity in the Mojave Desert. Journal of Arid Environments, 2002, 52, 269-292.	2.4	186
25	Effects of elevated CO2 (FACE) on the functional ecology of the drought-deciduous Mojave Desert shrub, Lycium andersonii. Environmental and Experimental Botany, 2002, 48, 93-106.	4.2	27
26	Leaf conductance decreased under free-air CO2 enrichment (FACE) for three perennials in the Nevada desert. New Phytologist, 2001, 150, 449-458.	7.3	29
27	Elevated CO2 increases productivity and invasive species success in an arid ecosystem. Nature, 2000, 408, 79-82.	27.8	529
28	Biotic, abiotic and performance aspects of the Nevada Desert Freeâ€Air CO2Enrichment (FACE) Facility. Global Change Biology, 1999, 5, 659-668.	9.5	103
29	The effects of parental CO 2 environment on seed quality and subsequent seedling performance in Bromusrubens. Oecologia, 1998, 114, 202-208.	2.0	89
30	Water relations of riparian plants from warm desert regions. Wetlands, 1998, 18, 687-696.	1.5	165
31	Invasive capacity of Tamarix ramosissima in a Mojave Desert floodplain: the role of drought. Oecologia, 1997, 111, 12-18.	2.0	216
32	Physiological Ecology of North American Desert Plants. Adaptations of Desert Organisms, 1997, , .	0.3	259
33	Mechanisms Associated With Decline of Woody Species in Riparian Ecosystems of the Southwestern U.S.. Ecological Monographs, 1995, 65, 347-370.	5.4	364
34	Effects of fire on water and salinity relations of riparian woody taxa. Oecologia, 1993, 94, 186-194.	2.0	110