

Patrick E Clark

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,208
citations

361413

20
h-index

377865

34
g-index

44
all docs

44
docs citations

44
times ranked

1263
citing authors

#	ARTICLE	IF	CITATIONS
1	Fire effects on rangeland hydrology and erosion in a steep sagebrush-dominated landscape. <i>Hydrological Processes</i> , 2008, 22, 2916-2929.	2.6	103
2	Hydrologic Vulnerability of Sagebrush Steppe Following Pinyon and Juniper Encroachment. <i>Rangeland Ecology and Management</i> , 2010, 63, 614-629.	2.3	83
3	Prescribed fire effects on rill and interrill runoff and erosion in a mountainous sagebrush landscape. <i>Earth Surface Processes and Landforms</i> , 2009, 34, 193-203.	2.5	81
4	Aboveground total and green biomass of dryland shrub derived from terrestrial laser scanning. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2014, 88, 166-173.	11.1	81
5	An Advanced, Low-Cost, GPS-Based Animal Tracking System. <i>Rangeland Ecology and Management</i> , 2006, 59, 334-340.	2.3	73
6	Fire, Plant Invasions, and Erosion Events on Western Rangelands. <i>Rangeland Ecology and Management</i> , 2011, 64, 439-449.	2.3	66
7	Hydrologic and Erosion Responses of Sagebrush Steppe Following Juniper Encroachment, Wildfire, and Tree Cutting. <i>Rangeland Ecology and Management</i> , 2013, 66, 274-289.	2.3	55
8	Can wildfire serve as an ecohydrologic threshold-reversal mechanism on juniper-encroached shrublands. <i>Ecohydrology</i> , 2014, 7, 453-477.	2.4	48
9	Estimation of big sagebrush leaf area index with terrestrial laser scanning. <i>Ecological Indicators</i> , 2016, 61, 815-821.	6.3	46
10	Hydrothermal Assessment of Temporal Variability in Seedbed Microclimate. <i>Rangeland Ecology and Management</i> , 2013, 66, 127-135.	2.3	40
11	A comparison of cumulative-germination response of cheatgrass (<i>Bromus tectorum</i> L.) and five perennial bunchgrass species to simulated field-temperature regimes. <i>Environmental and Experimental Botany</i> , 2010, 69, 320-327.	4.2	38
12	Intermountain Plant Community Classification Using Landsat TM and SPOT HRV Data. <i>Journal of Range Management</i> , 2001, 54, 152.	0.3	36
13	Livestock Grazing Effects on Forage Quality of Elk Winter Range. <i>Journal of Range Management</i> , 2000, 53, 97.	0.3	35
14	Landscape sustainability science in the drylands: mobility, rangelands and livelihoods. <i>Landscape Ecology</i> , 2020, 35, 2433-2447.	4.2	29
15	Water and Carbon Fluxes Along an Elevational Gradient in a Sagebrush Ecosystem. <i>Ecosystems</i> , 2020, 23, 246-263.	3.4	26
16	Prescribed fire effects on resource selection by cattle in mesic sagebrush steppe. Part 1: Spring grazing. <i>Journal of Arid Environments</i> , 2014, 100-101, 78-88.	2.4	25
17	Short-Term Impacts of Tree Removal on Runoff and Erosion From Pinyon- and Juniper-Dominated Sagebrush Hillslopes. <i>Rangeland Ecology and Management</i> , 2015, 68, 408-422.	2.3	23
18	Complexity in the spatial utilization of rangelands: Pastoral mobility in the Horn of Africa. <i>Applied Geography</i> , 2017, 86, 208-219.	3.7	23

#	ARTICLE	IF	CITATIONS
19	Bush encroachment dynamics and rangeland management implications in southern Ethiopia. <i>Ecology and Evolution</i> , 2018, 8, 11694-11703.	1.9	23
20	Point Sampling for Leaf Area Index in Sagebrush Steppe Communities. <i>Journal of Range Management</i> , 2001, 54, 589.	0.3	21
21	Quantifying Vegetation Change by Point Sampling Landscape Photography Time Series. <i>Rangeland Ecology and Management</i> , 2005, 58, 588-597.	2.3	21
22	Spatiotemporal dynamics of cattle behavior and resource selection patterns on East African rangelands: evidence from GPS-tracking. <i>International Journal of Geographical Information Science</i> , 2018, 32, 1523-1540.	4.8	21
23	Estimating Sagebrush Biomass Using Terrestrial Laser Scanning. <i>Rangeland Ecology and Management</i> , 2014, 67, 224-228.	2.3	19
24	Spring Defoliation Effects on Bluebunch Wheatgrass: I. Winter Forage Quality. <i>Journal of Range Management</i> , 1998, 51, 519.	0.3	18
25	Ecohydrologic response and recovery of a semi-arid shrubland over a five year period following burning. <i>Catena</i> , 2016, 144, 163-176.	5.0	18
26	Dynamic variability in thermal-germination response of squirreltail (<i>Elymus elymoides</i> and <i>Elymus</i>) Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50	4.2	17
27	Hydrothermal Germination Models: Comparison of Two Data-Fitting Approaches with Probit Optimization. <i>Crop Science</i> , 2015, 55, 2276-2290.	1.8	16
28	Rangeland vegetation diversity and transition pathways under indigenous pastoralist management regimes in southern Ethiopia. <i>Agriculture, Ecosystems and Environment</i> , 2018, 252, 105-113.	5.3	15
29	Prescribed fire effects on resource selection by cattle in mesic sagebrush steppe. Part 2: Mid-summer grazing. <i>Journal of Arid Environments</i> , 2016, 124, 398-412.	2.4	14
30	Prescribed Fire Effects on Activity and Movement of Cattle in Mesic Sagebrush Steppe. <i>Rangeland Ecology and Management</i> , 2017, 70, 437-447.	2.3	13
31	Global application of an unoccupied aerial vehicle photogrammetry protocol for predicting aboveground biomass in non-forest ecosystems. <i>Remote Sensing in Ecology and Conservation</i> , 2022, 8, 57-71.	4.3	13
32	Application of Ecological Site Information to Transformative Changes on Great Basin Sagebrush Rangelands. <i>Rangelands</i> , 2016, 38, 379-388.	1.9	11
33	A Perspective on Livestock-Wolf Interactions on Western Rangelands. <i>Rangelands</i> , 2012, 34, 6-11.	1.9	10
34	Postfire grazing management effects on mesic sagebrush-steppe vegetation: Mid-summer grazing. <i>Journal of Arid Environments</i> , 2018, 151, 104-112.	2.4	9
35	Predicting Spatial Risk of Wolf-Cattle Encounters and Depredation. <i>Rangeland Ecology and Management</i> , 2020, 73, 30-52.	2.3	9
36	Point Sampling to Stratify Biomass Variability in Sagebrush Steppe Vegetation. <i>Rangeland Ecology and Management</i> , 2008, 61, 614-622.	2.3	7

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37	Effects of Wolf Presence on Daily Travel Distance of Range Cattle. Rangeland Ecology and Management, 2017, 70, 657-665.	2.3	7
38	Low-Cost Radiation Shielding for Use in Mapping the Thermal Environments of Rangeland Animals. Rangeland Ecology and Management, 2006, 59, 674-679.	2.3	3
39	A Direct Approach for Quantifying Stream Shading. Rangeland Ecology and Management, 2008, 61, 339-345.	2.3	3
40	Postfire grazing management effects on mesic sagebrush-steppe vegetation: Spring grazing. Journal of Arid Environments, 2016, 132, 49-59.	2.4	3
41	Water Quality Effects of Herded Stream Crossings by Domestic Sheep Bands. Journal of Environmental Quality, 2012, 41, 1580-1590.	2.0	2
42	Communal processes of health and well-being for rangelands research and practice. Rangelands, 2022, , .	1.9	2
43	Factors Affecting Efficacy of Prescribed Fire for Western Juniper Control. Rangeland Ecology and Management, 2018, 71, 345-355.	2.3	1