

John Boone Kauffman

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

8,379
citations

136950

32
h-index

214800

47
g-index

54
all docs

54
docs citations

54
times ranked

7061
citing authors

#	ARTICLE	IF	CITATIONS
1	Mangroves among the most carbon-rich forests in the tropics. <i>Nature Geoscience</i> , 2011, 4, 293-297.	12.9	1,950
2	Estimating Global "Blue Carbon" Emissions from Conversion and Degradation of Vegetated Coastal Ecosystems. <i>PLoS ONE</i> , 2012, 7, e43542.	2.5	1,082
3	The potential of Indonesian mangrove forests for global climate change mitigation. <i>Nature Climate Change</i> , 2015, 5, 1089-1092.	18.8	495
4	Livestock Impacts on Riparian Ecosystems and Streamside Management Implications... A Review. <i>Journal of Range Management</i> , 1984, 37, 430.	0.3	423
5	An Ecological Perspective of Riparian and Stream Restoration in the Western United States. <i>Fisheries</i> , 1997, 22, 12-24.	0.8	307
6	Ecosystem Carbon Stocks of Micronesian Mangrove Forests. <i>Wetlands</i> , 2011, 31, 343-352.	1.5	301
7	Fire in the Brazilian Amazon: 1. Biomass, nutrient pools, and losses in slashed primary forests. <i>Oecologia</i> , 1995, 104, 397-408.	2.0	284
8	BIOMASS, CARBON, AND NUTRIENT DYNAMICS OF SECONDARY FORESTS IN A HUMID TROPICAL REGION OF MEXICO. <i>Ecology</i> , 1999, 80, 1892-1907.	3.2	253
9	Ecosystem structure in the Brazilian Cerrado: a vegetation gradient of aboveground biomass, root mass and consumption by fire. <i>Journal of Tropical Ecology</i> , 1998, 14, 263-283.	1.1	252
10	Carbon Stocks of Tropical Coastal Wetlands within the Karstic Landscape of the Mexican Caribbean. <i>PLoS ONE</i> , 2013, 8, e56569.	2.5	227
11	Carbon stocks of intact mangroves and carbon emissions arising from their conversion in the Dominican Republic. <i>Ecological Applications</i> , 2014, 24, 518-527.	3.8	194
12	Biomass and Nutrient Dynamics Associated with Slash Fires in Neotropical Dry Forests. <i>Ecology</i> , 1993, 74, 140-151.	3.2	180
13	Biomass, Carbon, and Nitrogen Pools in Mexican Tropical Dry Forest Landscapes. <i>Ecosystems</i> , 2003, 6, 609-629.	3.4	174
14	Vegetation response to a short interval between high-severity wildfires in a mixed-evergreen forest. <i>Journal of Ecology</i> , 2009, 97, 142-154.	4.0	159
15	Limits on carbon sequestration in arid blue carbon ecosystems. <i>Ecological Applications</i> , 2017, 27, 859-874.	3.8	147
16	Total ecosystem carbon stocks of mangroves across broad global environmental and physical gradients. <i>Ecological Monographs</i> , 2020, 90, e01405.	5.4	139
17	Fire in the Brazilian Amazon 2. Biomass, nutrient pools and losses in cattle pastures. <i>Oecologia</i> , 1998, 113, 415-427.	2.0	138
18	ECOSYSTEM-SCALE IMPACTS OF DEFORESTATION AND LAND USE IN A HUMID TROPICAL REGION OF MEXICO. <i>Ecology</i> , 2000, 81, 515-527.		130

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19	Allometric Models for Predicting Aboveground Biomass in Two Widespread Woody Plants in Hawaii. <i>Biotropica</i> , 2008, 40, 313-320.	1.6	121
20	Conifer regeneration in stand-replacement portions of a large mixed-severity wildfire in the Klamath-Siskiyou Mountains. <i>Canadian Journal of Forest Research</i> , 2009, 39, 823-838.	1.7	116
21	The jumbo carbon footprint of a shrimp: carbon losses from mangrove deforestation. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 183-188.	4.0	97
22	Future carbon emissions from global mangrove forest loss. <i>Global Change Biology</i> , 2021, 27, 2856-2866.	9.5	93
23	Shrimp ponds lead to massive loss of soil carbon and greenhouse gas emissions in northeastern Brazilian mangroves. <i>Ecology and Evolution</i> , 2018, 8, 5530-5540.	1.9	92
24	Initial Effects of Prescribed Fire on Morphology, Abundance, and Phenology of Forbs in Big Sagebrush Communities in Southeastern Oregon. <i>Restoration Ecology</i> , 2003, 11, 82-90.	2.9	90
25	Carbon pool and biomass dynamics associated with deforestation, land use, and agricultural abandonment in the neotropics. <i>Ecological Applications</i> , 2009, 19, 1211-1222.	3.8	87
26	Carbon stocks of mangroves and losses arising from their conversion to cattle pastures in the Pantanos de Centla, Mexico. <i>Wetlands Ecology and Management</i> , 2016, 24, 203-216.	1.5	82
27	Ecosystem carbon stocks of mangroves across broad environmental gradients in West-Central Africa: Global and regional comparisons. <i>PLoS ONE</i> , 2017, 12, e0187749.	2.5	78
28	Carbon dynamics and land use carbon footprints in mangrove-converted aquaculture: The case of the Mahakam Delta, Indonesia. <i>Forest Ecology and Management</i> , 2019, 432, 17-29.	3.2	76
29	LIVESTOCK EXCLUSION AND BELOWGROUND ECOSYSTEM RESPONSES IN RIPARIAN MEADOWS OF EASTERN OREGON. , 2004, 14, 1671-1679.		75
30	Ecosystem carbon stocks of mangrove forests along the Pacific and Caribbean coasts of Honduras. <i>Wetlands Ecology and Management</i> , 2016, 24, 187-201.	1.5	62
31	Carbon stocks of mangroves and salt marshes of the Amazon region, Brazil. <i>Biology Letters</i> , 2018, 14, 20180208.	2.3	62
32	The undervalued contribution of mangrove protection in Mexico to carbon emission targets. <i>Conservation Letters</i> , 2018, 11, e12445.	5.7	50
33	Root biomass and carbon in a tropical evergreen forest of Mexico: changes with secondary succession and forest conversion to pasture. <i>Journal of Tropical Ecology</i> , 2003, 19, 457-464.	1.1	47
34	Total ecosystem carbon stocks at the marine-terrestrial interface: Blue carbon of the Pacific Northwest Coast, United States. <i>Global Change Biology</i> , 2020, 26, 5679-5692.	9.5	35
35	The influence of land-cover changes on the variability of saturated hydraulic conductivity in tropical peatlands. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019, 24, 535-555.	2.1	25
36	Response of native Hawaiian woody species to lava-ignited wildfires in tropical forests and shrublands. <i>Plant Ecology</i> , 2009, 201, 197-209.	1.6	22

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37	ROOT BIOMASS IN RELATION TO CHANNEL MORPHOLOGY OF HEADWATER STREAMS. Journal of the American Water Resources Association, 2001, 37, 1653-1663.	2.4	21
38	Native Bunchgrass Response to Prescribed Fire in Ungrazed Mountain Big Sagebrush Ecosystems. Fire Ecology, 2010, 6, 86-96.	3.0	21
39	Ecosystem carbon losses following a climate-induced mangrove mortality in Brazil. Journal of Environmental Management, 2021, 297, 113381.	7.8	21
40	Contributions of mangrove conservation and restoration to climate change mitigation in Indonesia. Global Change Biology, 2022, 28, 4523-4538.	9.5	21
41	MODELING BIOMASS BURNING EMISSIONS FOR AMAZON FOREST AND PASTURES IN RONDÔNIA, BRAZIL. , 2004, 14, 232-246.		20
42	Repeated fire altered succession and increased fire behavior in basin big sagebrush native perennial grasslands. Ecosphere, 2020, 11, e03124.	2.2	20
43	Land use impacts on benthic bioturbation potential and carbon burial in Brazilian mangrove ecosystems. Limnology and Oceanography, 2020, 65, 2366-2376.	3.1	20
44	Interactions of Fire and Nonnative Species Across an Elevation/Plant Community Gradient in Hawaii Volcanoes National Park. Biotropica, 2010, 42, 647-655.	1.6	15
45	Range Ecology, Global Livestock Influences. , 2001, , 33-52.		12
46	Long-term livestock grazing alters aspen age structure in the northwestern Great Basin. Forest Ecology and Management, 2014, 329, 30-36.	3.2	10
47	And details for land use carbon footprints arise from quantitative and replicated studies. Frontiers in Ecology and the Environment, 2018, 16, 12-13.	4.0	10
48	Carbon Stocks from Peat Swamp Forest and Oil Palm Plantation in Central Kalimantan, Indonesia. Springer Climate, 2021, , 203-227.	0.6	9
49	Long-Term Effects of Fire on Vegetation Structure and Predicted Fire Behavior in Wyoming Big Sagebrush Ecosystems. Ecosystems, 2019, 22, 257-265.	3.4	6
50	Livestock Use on Public Lands in the Western USA Exacerbates Climate Change: Implications for Climate Change Mitigation and Adaptation. Environmental Management, 2022, 69, 1137-1152.	2.7	6
51	Riparian vegetation composition and diversity shows resilience following cessation of livestock grazing in northeastern Oregon, USA. PLoS ONE, 2022, 17, e0250136.	2.5	5