J Boone Kauffman

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10626996/publications.pdf

Version: 2024-02-01

52	9,250	94433	206112
papers	citations	37 h-index	48 g-index

52	52	52	7990
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mangroves among the most carbon-rich forests in the tropics. Nature Geoscience, 2011, 4, 293-297.	12.9	1,950
2	Estimating Global â€œBlue Carbonâ€•Emissions from Conversion and Degradation of Vegetated Coastal Ecosystems. PLoS ONE, 2012, 7, e43542.	2.5	1,082
3	Deforestation, Fire Susceptibility, and Potential Tree Responses to Fire in the Eastern Amazon. Ecology, 1990, 71, 437-449.	3.2	581
4	The potential of Indonesian mangrove forests for global climate change mitigation. Nature Climate Change, 2015, 5, 1089-1092.	18.8	495
5	Peatlands in the Earthâ€™s 21st century climate system. Environmental Reviews, 2011, 19, 371-396.	4.5	323
6	An Ecological Perspective of Riparian and Stream Restoration in the Western United States. Fisheries, 1997, 22, 12-24.	0.8	307
7	Ecosystem Carbon Stocks of Micronesian Mangrove Forests. Wetlands, 2011, 31, 343-352.	1.5	301
8	Fire in the Brazilian Amazon: 1. Biomass, nutrient pools, and losses in slashed primary forests. Oecologia, 1995, 104, 397-408.	2.0	284
9	Relationships of Fire, Biomass and Nutrient Dynamics along a Vegetation Gradient in the Brazilian Cerrado. Journal of Ecology, 1994, 82, 519.	4.0	263
10	BIOMASS, CARBON, AND NUTRIENT DYNAMICS OF SECONDARY FORESTS IN A HUMID TROPICAL REGION OF MÃ‰XICO. Ecology, 1999, 80, 1892-1907.	3.2	253
11	Ecosystem structure in the Brazilian Cerrado: a vegetation gradient of aboveground biomass, root mass and consumption by fire. Journal of Tropical Ecology, 1998, 14, 263-283.	1.1	252
12	Carbon Stocks of Tropical Coastal Wetlands within the Karstic Landscape of the Mexican Caribbean. PLoS ONE, 2013, 8, e56569.	2.5	227
13	Postfire Management on Forested Public Lands of the Western United States. Conservation Biology, 2004, 18, 957-967.	4.7	197
14	Carbon stocks of intact mangroves and carbon emissions arising from their conversion in the Dominican Republic. Ecological Applications, 2014, 24, 518-527.	3.8	194
15	Biomass and Nutrient Dynamics Associated with Slash Fires in Neotropical Dry Forests. Ecology, 1993, 74, 140-151.	3.2	180
16	Biomass, Carbon, and Nitrogen Pools in Mexican Tropical Dry Forest Landscapes. Ecosystems, 2003, 6, 609-629.	3.4	174
17	Limits on carbon sequestration in arid blue carbon ecosystems. Ecological Applications, 2017, 27, 859-874.	3.8	147
18	Total ecosystem carbon stocks of mangroves across broad global environmental and physical gradients. Ecological Monographs, 2020, 90, e01405.	5.4	139

#	Article	IF	Citations
19	Fire in the Brazilian Amazon 2. Biomass, nutrient pools and losses in cattle pastures. Oecologia, 1998, 113, 415-427.	2.0	138
20	ECOSYSTEM-SCALE IMPACTS OF DEFORESTATION AND LAND USE IN A HUMID TROPICAL REGION OF MEXICO. , 2000, 10, 515-527.		130
21	Fire in the Venezuelan Amazon 2: Environmental Conditions Necessary for Forest Fires in the Evergreen Rainforest of Venezuela. Oikos, 1988, 53, 176.	2.7	128
22	The jumbo carbon footprint of a shrimp: carbon losses from mangrove deforestation. Frontiers in Ecology and the Environment, 2017, 15, 183-188.	4.0	97
23	Fire in the Venezuelan Amazon 1: Fuel Biomass and Fire Chemistry in the Evergreen Rainforest of Venezuela. Oikos, 1988, 53, 167.	2.7	94
24	Micronesian Mangrove Forest Structure and Tree Responses to a Severe Typhoon. Wetlands, 2010, 30, 1077-1084.	1.5	93
25	Future carbon emissions from global mangrove forest loss. Global Change Biology, 2021, 27, 2856-2866.	9.5	93
26	Shrimp ponds lead to massive loss of soil carbon and greenhouse gas emissions in northeastern Brazilian mangroves. Ecology and Evolution, 2018, 8, 5530-5540.	1.9	92
27	Carbon pool and biomass dynamics associated with deforestation, land use, and agricultural abandonment in the neotropics. Ecological Applications, 2009, 19, 1211-1222.	3.8	87
28	Carbon stocks of mangroves and losses arising from their conversion to cattle pastures in the Pantanos de Centla, Mexico. Wetlands Ecology and Management, 2016, 24, 203-216.	1.5	82
29	Aboveground biomass and structure of rainforests in the southwestern Brazilian Amazon. Forest Ecology and Management, 2002, 163, 293-307.	3.2	79
30	Ecosystem carbon stocks of mangroves across broad environmental gradients in West-Central Africa: Global and regional comparisons. PLoS ONE, 2017, 12, e0187749.	2.5	78
31	Carbon dynamics and land use carbon footprints in mangrove-converted aquaculture: The case of the Mahakam Delta, Indonesia. Forest Ecology and Management, 2019, 432, 17-29.	3.2	76
32	Dynamics associated with total aboveground biomass, C, nutrient pools, and biomass burning of primary forest and pasture in RondÃ´nia, Brazil during SCAR-B. Journal of Geophysical Research, 1998, 103, 32091-32100.	3.3	74
33	Ecosystem carbon stocks of mangrove forests along the Pacific and Caribbean coasts of Honduras. Wetlands Ecology and Management, 2016, 24, 187-201.	1.5	62
34	Carbon stocks of mangroves and salt marshes of the Amazon region, Brazil. Biology Letters, 2018, 14, 20180208.	2.3	62
35	Dynamics of Aboveground and Soil Carbon and Nitrogen Stocks and Cycling of Available Nitrogen along a Land-use Gradient in RondÃ´nia, Brazil. Ecosystems, 2002, 5, 244-259.	3.4	56
36	The undervalued contribution of mangrove protection in Mexico to carbon emission targets. Conservation Letters, 2018, 11, e12445.	5.7	50

#	Article	IF	Citations
37	Root biomass and carbon in a tropical evergreen forest of Mexico: changes with secondary succession and forest conversion to pasture. Journal of Tropical Ecology, 2003, 19, 457-464.	1.1	47
38	Structural dynamics of riparian forests along a black cottonwood successional gradient. Forest Ecology and Management, 2005, 215, 149-162.	3.2	45
39	Total ecosystem carbon stocks at the marineâ€terrestrial interface: Blue carbon of the Pacific Northwest Coast, United States. Global Change Biology, 2020, 26, 5679-5692.	9.5	35
40	Climate change mitigation strategies should include tropical wetlands. Carbon Management, 2013, 4, 491-499.	2.4	25
41	Biomass, Carbon, and Nutrient Dynamics of Secondary Forests in a Humid Tropical Region of Mexico. Ecology, 1999, 80, 1892.	3.2	22
42	Effects of nesting waterbirds on nutrient levels in mangroves, Gulf of Fonseca, Honduras. Wetlands Ecology and Management, 2016, 24, 217-229.	1.5	21
43	Ecosystem carbon losses following a climate-induced mangrove mortality in Brazil. Journal of Environmental Management, 2021, 297, 113381.	7.8	21
44	Contributions of mangrove conservation and restoration to climate change mitigation in Indonesia. Global Change Biology, 2022, 28, 4523-4538.	9.5	21
45	MODELING BIOMASS BURNING EMISSIONS FOR AMAZON FOREST AND PASTURES IN RONDOÌ‚NIA, BRAZIL. , 2004, 14, 232-246.		20
46	Land use impacts on benthic bioturbation potential and carbon burial in Brazilian mangrove ecosystems. Limnology and Oceanography, 2020, 65, 2366-2376.	3.1	20
47	Biogeochemistry of Deforestation and Biomass Burning. ACS Symposium Series, 1992, , 426-456.	0.5	13
48	Range Ecology, Global Livestock Influences. , 2001, , 33-52.		12
49	And details for landâ€use carbon footprints arise from quantitative and replicated studies. Frontiers in Ecology and the Environment, 2018, 16, 12-13.	4.0	10
50	Carbon Stocks from Peat Swamp Forest and Oil Palm Plantation in Central Kalimantan, Indonesia. Springer Climate, 2021, , 203-227.	0.6	9
51	Land Cover and Land Use Change Decreases Net Ecosystem Production in Tropical Peatlands of West Kalimantan, Indonesia. Forests, 2021, 12, 1587.	2.1	5
52	Range Ecology, Global Livestock Influences. , 2001, , 330-344.		4