Wolfgang Buermann

List of Publications by Year
in descending order

30 papers	**3,572** citations	236925 **25** h-index	454955 **30** g-index
30 all docs	**30** docs citations	**30** times ranked	**4850** citing authors

#	Article	IF	Citations
1	Seasonal biological carryover dominates northern vegetation growth. Nature Communications, 2021, 12, 983.	12.8	45
2	Increasing impact of warm droughts on northern ecosystem productivity over recent decades. Nature Climate Change, 2021, 11, 772-779.	18.8	148
3	Summer soil drying exacerbated by earlier spring greening of northern vegetation. Science Advances, 2020, 6, eaax0255.	10.3	258
4	Climate‐Driven Variability and Trends in Plant Productivity Over Recent Decades Based on Three Global Products. Global Biogeochemical Cycles, 2020, 34, e2020GB006613.	4.9	36
5	Satellite observations reveal seasonal redistribution of northern ecosystem productivity in response to interannual climate variability. Remote Sensing of Environment, 2020, 242, 111755.	11.0	23
6	Widespread seasonal compensation effects of spring warming on northern plant productivity. Nature, 2018, 562, 110-114.	27.8	240
7	Climate-driven shifts in continental net primary production implicated as a driver of a recent abrupt increase in the land carbon sink. Biogeosciences, 2016, 13, 1597-1607.	3.3	12
8	Vegetation productivity patterns at high northern latitudes: a multi‐sensor satellite data assessment. Global Change Biology, 2014, 20, 3147-3158.	9.5	243
9	Spatial conservation planning framework for assessing conservation opportunities in the Atlantic Forest of Brazil. Applied Geography, 2014, 53, 369-376.	3.7	4
10	Increasing summer drying in North American ecosystems in response to longer nonfrozen periods. Geophysical Research Letters, 2014, 41, 5476-5483.	4.0	52
11	Earlier springs decrease peak summer productivity in North American boreal forests. Environmental Research Letters, 2013, 8, 024027.	5.2	164
12	Predicting bird song from space. Evolutionary Applications, 2013, 6, 865-874.	3.1	31
13	Pathogen-Host Associations and Predicted Range Shifts of Human Monkeypox in Response to Climate Change in Central Africa. PLoS ONE, 2013, 8, e66071.	2.5	34
14	Predicting alpha diversity of African rain forests: models based on climate and satellite-derived data do not perform better than a purely spatial model. Journal of Biogeography, 2011, 38, 1164-1176.	3.0	30
15	TESTING ALTERNATIVE HYPOTHESES FOR EVOLUTIONARY DIVERSIFICATION IN AN AFRICAN SONGBIRD: RAINFOREST REFUGIA VERSUS ECOLOGICAL GRADIENTS. Evolution; International Journal of Organic Evolution, 2011, 65, 3162-3174.	2.3	43
16	Mapping evolutionary process: a multi‐taxa approach to conservation prioritization. Evolutionary Applications, 2011, 4, 397-413.	3.1	84
17	Modeling environmentally associated morphological and genetic variation in a rainforest bird, and its application to conservation prioritization. Evolutionary Applications, 2010, 3, 1-16.	3.1	52
18	Birdsong tuned to the environment: green hylia song varies with elevation, tree cover, and noise. Behavioral Ecology, 2009, 20, 1089-1095.	2.2	104

#	ARTICLE	IF	CITATIONS
19	Modeling the Effects of Anthropogenic Habitat Change on Savanna Snake Invasions into African Rainforest. Conservation Biology, 2009, 23, 81-92.	4.7	9
20	Modeling distribution of Amazonian tree species and diversity using remote sensing measurements. Remote Sensing of Environment, 2008, 112, 2000-2017.	11.0	202
21	Predicting species distributions across the Amazonian and Andean regions using remote sensing data. Journal of Biogeography, 2008, 35, 1160-1176.	3.0	178
22	Seasonal circulation and Mauna Loa CO2variability. Journal of Geophysical Research, 2006, 111, .	3.3	19
23	Evaluation of the MODIS LAI algorithm at a coniferous forest site in Finland. Remote Sensing of Environment, 2004, 91, 114-127.	11.0	206
24	A new parameterization of canopy spectral response to incident solar radiation: case study with hyperspectral data from pine dominant forest. Remote Sensing of Environment, 2003, 85, 304-315.	11.0	61
25	Interannual covariability in Northern Hemisphere air temperatures and greenness associated with El NiÃ±o-Southern Oscillation and the Arctic Oscillation. Journal of Geophysical Research, 2003, 108, n/a-n/a.	3.3	122
26	Climatic Control of the High-Latitude Vegetation Greening Trend and Pinatubo Effect. Science, 2002, 296, 1687-1689.	12.6	672
27	Analysis of a multiyear global vegetation leaf area index data set. Journal of Geophysical Research, 2002, 107, ACL 14-1.	3.3	85
28	Multiscale analysis and validation of the MODIS LAI productII. Sampling strategy. Remote Sensing of Environment, 2002, 83, 431-441.	11.0	89
29	Multiscale analysis and validation of the MODIS LAI productI. Uncertainty assessment. Remote Sensing of Environment, 2002, 83, 414-430.	11.0	174
30	Evaluation of the Utility of Satellite-Based Vegetation Leaf Area Index Data for Climate Simulations. Journal of Climate, 2001, 14, 3536-3550.	3.2	152