

Karin T Rebel

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

477
citations

758635

12
h-index

887659

17
g-index

28
all docs

28
docs citations

28
times ranked

885
citing authors

#	ARTICLE	IF	CITATIONS
1	Organizing principles for vegetation dynamics. <i>Nature Plants</i> , 2020, 6, 444-453.	4.7	95
2	Eco-evolutionary optimality as a means to improve vegetation and land-surface models. <i>New Phytologist</i> , 2021, 231, 2125-2141.	3.5	71
3	Mapping canopy nitrogen in European forests using remote sensing and environmental variables with the random forests method. <i>Remote Sensing of Environment</i> , 2020, 247, 111933.	4.6	46
4	Forests buffer against variations in precipitation. <i>Global Change Biology</i> , 2021, 27, 4686-4696.	4.2	39
5	Using research networks to create the comprehensive datasets needed to assess nutrient availability as a key determinant of terrestrial carbon cycling. <i>Environmental Research Letters</i> , 2018, 13, 125006.	2.2	36
6	Terrestrial nitrogen cycling in Earth system models revisited. <i>New Phytologist</i> , 2016, 210, 1165-1168.	3.5	35
7	Nitrogen Deposition Maintains a Positive Effect on Terrestrial Carbon Sequestration in the 21st Century Despite Growing Phosphorus Limitation at Regional Scales. <i>Global Biogeochemical Cycles</i> , 2019, 33, 810-824.	1.9	26
8	Disturbance History of a Seasonal Tropical Forest in Western Thailand: A Spatial Dendroecological Analysis. <i>Biotropica</i> , 2013, 45, 578-586.	0.8	24
9	The influence of water table depth on evapotranspiration in the Amazon arc of deforestation. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 3917-3931.	1.9	19
10	Nitrogen leaching from natural ecosystems under global change: a modelling study. <i>Earth System Dynamics</i> , 2017, 8, 1121-1139.	2.7	17
11	Exploring the use of vegetation indices to sense canopy nitrogen to phosphorous ratio in grasses. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 75, 1-14.	1.4	15
12	Vegetation-mediated feedback in water, carbon, nitrogen and phosphorus cycles. <i>Landscape Ecology</i> , 2013, 28, 599-614.	1.9	14
13	Remote sensing of canopy nitrogen at regional scale in Mediterranean forests using the spaceborne MERIS Terrestrial Chlorophyll Index. <i>Biogeosciences</i> , 2018, 15, 2723-2742.	1.3	11
14	A containment and disposition strategy for tritium-contaminated groundwater at the Savannah River Site, South Carolina, United States. <i>Environmental Geosciences</i> , 2005, 12, 17-28.	0.6	9
15	Atmospheric moisture contribution to the growing season in the Amazon arc of deforestation. <i>Environmental Research Letters</i> , 2021, 16, 084026.	2.2	7
16	The use of dynamic modeling in assessing tritium phytoremediation. <i>Environmental Geosciences</i> , 2005, 12, 243-250.	0.6	6
17	Simulating Tritium Fluxes in the Vadose Zone under Transient Saturated Conditions. <i>Vadose Zone Journal</i> , 2007, 6, 387-396.	1.3	4