Ryan Bright

List of Publications by Year
in descending order

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41 papers	2,256 citations	304701 22 h-index	289230 40 g-index
56 all docs	56 docs citations	56 times ranked	3246 citing authors

#	Article	IF	Citations
1	Comparing sap flow calculations from Heat Field Deformation (HFD) and Linear Heat Balance (LHB) methods. Agricultural and Forest Meteorology, 2022, 321, 108974.	4.8	0
2	CO₂-equivalence metrics for surface albedo change based on the radiative forcing concept: a critical review. Atmospheric Chemistry and Physics, 2021, 21, 9887-9907.	4.9	17
3	Recent strengthening of snow and ice albedo feedback driven by Antarctic sea-ice loss. Nature Geoscience, 2021, 14, 832-836.	12.9	25
4	Quantifying Regional Surface Energy Responses to Forest Structural Change in Nordic Fennoscandia. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032092.	3.3	6
5	Evaluating the terrestrial carbon dioxide removal potential of improved forest management and accelerated forest conversion in Norway. Global Change Biology, 2020, 26, 5087-5105.	9.5	6
6	A simple grid-based framework for simulating forest structural trajectories linked to transient forest management scenarios in Fennoscandia. Climatic Change, 2020, 162, 2139-2155.	3.6	3
7	A chlorophyll-deficient, highly reflective soybean mutant: radiative forcing and yield gaps. Environmental Research Letters, 2020, 15, 074014.	5.2	11
8	Importance of Surface Roughness for the Local Biogeophysical Effects of Deforestation. Journal of Geophysical Research D: Atmospheres, 2019, 124, 8605-8618.	3.3	30
9	Detecting change-point, trend, and seasonality in satellite time series data to track abrupt changes and nonlinear dynamics: A Bayesian ensemble algorithm. Remote Sensing of Environment, 2019, 232, 111181.	11.0	159
10	Evaluation of leaf-level optical properties employed in land surface models. Geoscientific Model Development, 2019, 12, 3923-3938.	3.6	11
11	Developing a monthly radiative kernel for surface albedo change from satellite climatologies of Earth's shortwave radiation budget: CACK v1.0. Geoscientific Model Development, 2019, 12, 3975-3990.	3.6	19
12	Combining MODIS and National Land Resource Products to Model Land Cover-Dependent Surface Albedo for Norway. Remote Sensing, 2019, 11, 871.	4.0	4
13	A sensible climate solution for the boreal forest. Nature Climate Change, 2018, 8, 11-12.	18.8	59
14	An enhanced forest classification scheme for modeling vegetationâ€“climate interactions based on national forest inventory data. Biogeosciences, 2018, 15, 399-412.	3.3	13
15	Inferring Surface Albedo Prediction Error Linked to Forest Structure at High Latitudes. Journal of Geophysical Research D: Atmospheres, 2018, 123, 4910-4925.	3.3	13
16	More diverse benefits from timber versus dedicated bioenergy plantations for terrestrial carbon dioxide removal. Environmental Research Letters, 2017, 12, 021001.	5.2	2
17	Local temperature response to land cover and management change driven by non-radiativeÂprocesses. Nature Climate Change, 2017, 7, 296-302.	18.8	231
18	Carbonâ€equivalent metrics for albedo changes in land management contexts: relevance of the time dimension. Ecological Applications, 2016, 26, 1868-1880.	3.8	30

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19	Economic savings linked to future Arctic shipping trade are at odds with climate change mitigation. Transport Policy, 2016, 45, 24-30.	6.6	80
20	Quantifying surface albedo and other direct biogeophysical climate forcings of forestry activities. Global Change Biology, 2015, 21, 3246-3266.	9.5	131
21	Radiative forcing bias of simulated surface albedo modifications linked to forest cover changes at northern latitudes. Biogeosciences, 2015, 12, 2195-2205.	3.3	12
22	Metrics for Biogeophysical Climate Forcings from Land Use and Land Cover Changes and Their Inclusion in Life Cycle Assessment: A Critical Review. Environmental Science & Technology, 2015, 49, 3291-3303.	10.0	40
23	Empirical models of albedo transitions in managed boreal forests: analysis of performance and transportability. Canadian Journal of Forest Research, 2015, 45, 195-206.	1.7	5
24	Bioenergy and climate change mitigation: an assessment. GCB Bioenergy, 2015, 7, 916-944.	5.6	494
25	Climate change implications of shifting forest management strategy in a boreal forest ecosystem of Norway. Global Change Biology, 2014, 20, 607-621.	9.5	51
26	Life Cycle Assessment of Electric and Fuel Cell Vehicle Transport Based on Forest Biomass. Journal of Industrial Ecology, 2014, 18, 176-186.	5.5	19
27	Linearity between temperature peak and bioenergy CO2 emission rates. Nature Climate Change, 2014, 4, 983-987.	18.8	33
28	Consistent quantification of climate impacts due to biogenic carbon storage across a range of bio-product systems. Environmental Impact Assessment Review, 2013, 43, 21-30.	9.2	78
29	Empirical models of monthly and annual albedo in managed boreal forests of interior Norway. Climatic Change, 2013, 120, 183-196.	3.6	27
30	Technical Note: Evaluating a simple parameterization of radiative shortwave forcing from surface albedo change. Atmospheric Chemistry and Physics, 2013, 13, 11169-11174.	4.9	20
31	Site-specific global warming potentials of biogenic CO ₂ for bioenergy: contributions from carbon fluxes and albedo dynamics. Environmental Research Letters, 2012, 7, 045902.	5.2	112
32	A comment to â€œLargeâ€scale bioenergy from additional harvest of forest biomass is neither sustainable nor greenhouse gas neutralâ€: Important insights beyond greenhouse gas accounting. GCB Bioenergy, 2012, 4, 617-619.	5.6	22
33	Albedo Impact on the Suitability of Biochar Systems To Mitigate Global Warming. Environmental Science & Technology, 2012, 46, 12726-12734.	10.0	96
34	Climate impacts of bioenergy: Inclusion of carbon cycle and albedo dynamics in life cycle impact assessment. Environmental Impact Assessment Review, 2012, 37, 2-11.	9.2	121
35	Radiative Forcing Impacts of Boreal Forest Biofuels: A Scenario Study for Norway in Light of Albedo. Environmental Science & Technology, 2011, 45, 7570-7580.	10.0	53
36	Life Cycle Assessment of Biomass-based Combined Heat and Power Plants. Journal of Industrial Ecology, 2011, 15, 908-921.	5.5	69

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37	Considering only first-order effects? How simplifications lead to unrealistic technology optimism in climate change mitigation. Energy Policy, 2011, 39, 7448-7454.	8.8	58
38	Incentivizing wood-based Fischerâ€“Tropsch diesel through financial policy instruments: An economic assessment for Norway. Energy Policy, 2010, 38, 6849-6859.	8.8	3
39	Environmental Assessment of Woodâ€Based Biofuel Production and Consumption Scenarios in Norway. Journal of Industrial Ecology, 2010, 14, 422-439.	5.5	29
40	Fuel-Mix, Fuel Efficiency, and Transport Demand Affect Prospects for Biofuels in Northern Europe. Environmental Science & Technology, 2010, 44, 2261-2269.	10.0	11
41	Life Cycle Assessment of Second Generation Bioethanols Produced From Scandinavian Boreal Forest Resources. Journal of Industrial Ecology, 2009, 13, 514-531.	5.5	49