Alexandra Tyukavina

List of Publications by Year
in descending order

35 papers	7,295 citations	201385 27 h-index	360668 35 g-index
37 all docs	37 docs citations	37 times ranked	9461 citing authors

#	Article	IF	Citations
1	Classifying drivers of global forest loss. Science, 2018, 361, 1108-1111.	6.0	1,233
2	Global land change from 1982 to 2016. Nature, 2018, 560, 639-643.	13.7	1,213
3	An Ecoregion-Based Approach to Protecting Half the Terrestrial Realm. BioScience, 2017, 67, 534-545.	2.2	1,178
4	Mapping global forest canopy height through integration of GEDI and Landsat data. Remote Sensing of Environment, 2021, 253, 112165.	4.6	436
5	Global maps of twenty-first century forest carbon fluxes. Nature Climate Change, 2021, 11, 234-240.	8.1	425
6	Mapping and monitoring deforestation and forest degradation in Sumatra (Indonesia) using Landsat time series data sets from 1990 to 2010. Environmental Research Letters, 2012, 7, 034010.	2.2	278
7	Global maps of cropland extent and change show accelerated cropland expansion in the twenty-first century. Nature Food, 2022, 3, 19-28.	6.2	238
8	Mapping and sampling to characterize global inland water dynamics from 1999 to 2018 with full Landsat time-series. Remote Sensing of Environment, 2020, 243, 111792.	4.6	221
9	Humid tropical forest disturbance alerts using Landsat data. Environmental Research Letters, 2016, 11, 034008.	2.2	185
10	Congo Basin forest loss dominated by increasing smallholder clearing. Science Advances, 2018, 4, eaat2993.	4.7	171
11	Massive soybean expansion in South America since 2000 and implications for conservation. Nature Sustainability, 2021, 4, 784-792.	11.5	153
12	Ongoing primary forest loss in Brazil, Democratic Republic of the Congo, and Indonesia. Environmental Research Letters, 2018, 13, 074028.	2.2	150
13	Types and rates of forest disturbance in Brazilian Legal Amazon, 2000–2013. Science Advances, 2017, 3, e1601047.	4.7	147
14	The fate of tropical forest fragments. Science Advances, 2020, 6, eaax8574.	4.7	146
15	Near doubling of Brazil's intensive row crop area since 2000. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 428-435.	3.3	139
16	Landsat Analysis Ready Data for Global Land Cover and Land Cover Change Mapping. Remote Sensing, 2020, 12, 426.	1.8	130
17	Can carbon emissions from tropical deforestation drop by 50% in 5 years?. Global Change Biology, 2016, 22, 1336-1347.	4.2	109
18	Mapping tree height distributions in Sub-Saharan Africa using Landsat 7 and 8 data. Remote Sensing of Environment, 2016, 185, 221-232.	4.6	107

#	Article	IF	Citations
19	The Global 2000-2020 Land Cover and Land Use Change Dataset Derived From the Landsat Archive: First Results. Frontiers in Remote Sensing, 2022, 3, .	1.3	102
20	Global Trends of Forest Loss Due to Fire From 2001 to 2019. Frontiers in Remote Sensing, 2022, 3, .	1.3	91
21	Remote sensing estimates of stand-replacement fires in Russia, 2002â€"2011. Environmental Research Letters, 2014, 9, 105007.	2.2	70
22	Reviews and syntheses: An empirical spatiotemporal description of the global surfaceâ€"atmosphere carbon fluxes: opportunities and data limitations. Biogeosciences, 2017, 14, 3685-3703.	1.3	58
23	Global bare ground gain from 2000 to 2012 using Landsat imagery. Remote Sensing of Environment, 2017, 194, 161-176.	4.6	56
24	Land Cover Mapping in Data Scarce Environments: Challenges and Opportunities. Frontiers in Environmental Science, 2019, 7, .	1.5	50
25	Global land use extent and dispersion within natural land cover using Landsat data. Environmental Research Letters, 2022, 17, 034050.	2.2	38
26	Contextualizing Landscape-Scale Forest Cover Loss in the Democratic Republic of Congo (DRC) between 2000 and 2015. Land, 2020, 9, 23.	1.2	31
27	Comment on â€œTropical forests are a net carbon source based on aboveground measurements of gain and lossâ€. Science, 2019, 363, .	6.0	28
28	The expansion of tree plantations across tropical biomes. Nature Sustainability, 2022, 5, 681-688.	11.5	28
29	Global seasonal dynamics of inland open water and ice. Remote Sensing of Environment, 2022, 272, 112963.	4.6	18
30	Using Multi-Resolution Satellite Data to Quantify Land Dynamics: Applications of PlanetScope Imagery for Cropland and Tree-Cover Loss Area Estimation. Remote Sensing, 2021, 13, 2191.	1.8	17
31	Quantifying the trade-off between cost and precision in estimating area of forest loss and degradation using probability sampling in Guyana. Remote Sensing of Environment, 2019, 221, 122-135.	4.6	15
32	Contrasting tree-cover loss and subsequent land cover in two neotropical forest regions: sample-based assessment of the Mexican YucatÃ¡n and Argentine Chaco. Journal of Land Use Science, 2018, 13, 549-564.	1.0	9
33	Agricultural Fires in European Russia, Belarus, and Lithuania and Their Impact on Air Quality, 2002â€"2012. , 2017, , 193-221.		7
34	Sample-Based Estimation of Tree Cover Change in Haiti Using Aerial Photography: Substantial Increase in Tree Cover between 2002 and 2010. Forests, 2021, 12, 1243.	0.9	1
35	Tropical Forest Canopy Structure and Change Assessment Using Landsat, GEDI, and Airborne Lidar Data. , 2021, , .		0