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	Global land use extent and dispersion within natural land cover using Landsat data. Environmental Research Letters, 2022, 17, 034050.	2.2	38
2	Global Trends of Forest Loss Due to Fire From 2001 to 2019. Frontiers in Remote Sensing, 2022, 3, .	1.3	91
3	Global seasonal dynamics of inland open water and ice. Remote Sensing of Environment, 2022, 272, 112963.	4.6	18
4	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
5	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
6	The expansion of tree plantations across tropical biomes. Nature Sustainability, 2022, 5, 681-688.	11.5	28
7	Mapping global forest canopy height through integration of GEDI and Landsat data. Remote Sensing of Environment, 2021, 253, 112165.	4.6	436
8	Global maps of twenty-first century forest carbon fluxes. Nature Climate Change, 2021, 11, 234-240.	8.1	425
9	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
10	Massive soybean expansion in South America since 2000 and implications for conservation. Nature Sustainability, 2021, 4, 784-792.	11.5	153
11	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
12	Tropical Forest Canopy Structure and Change Assessment Using Landsat, GEDI, and Airborne Lidar Data. , 2021, , .		0
13	The fate of tropical forest fragments. Science Advances, 2020, 6, eaax8574.	4.7	146
14	Contextualizing Landscape-Scale Forest Cover Loss in the Democratic Republic of Congo (DRC) between 2000 and 2015. Land, 2020, 9, 23.	1.2	31
15	Landsat Analysis Ready Data for Global Land Cover and Land Cover Change Mapping. Remote Sensing, 2020, 12, 426.	1.8	130
16	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
17	Land Cover Mapping in Data Scarce Environments: Challenges and Opportunities. Frontiers in Environmental Science, 2019, 7, .	1.5	50
18	Near doubling of Brazilâ€™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

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19	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
20	Comment on â€œTropical forests are a net carbon source based on aboveground measurements of gain and lossâ€. Science, 2019, 363, .	6.0	28
21	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
22	Congo Basin forest loss dominated by increasing smallholder clearing. Science Advances, 2018, 4, eaat2993.	4.7	171
23	Classifying drivers of global forest loss. Science, 2018, 361, 1108-1111.	6.0	1,233
24	Ongoing primary forest loss in Brazil, Democratic Republic of the Congo, and Indonesia. Environmental Research Letters, 2018, 13, 074028.	2.2	150
25	Global land change from 1982 to 2016. Nature, 2018, 560, 639-643.	13.7	1,213
26	Types and rates of forest disturbance in Brazilian Legal Amazon, 2000â€"2013. Science Advances, 2017, 3, e1601047.	4.7	147
27	An Ecoregion-Based Approach to Protecting Half the Terrestrial Realm. BioScience, 2017, 67, 534-545.	2.2	1,178
28	Global bare ground gain from 2000 to 2012 using Landsat imagery. Remote Sensing of Environment, 2017, 194, 161-176.	4.6	56
29	Agricultural Fires in European Russia, Belarus, and Lithuania and Their Impact on Air Quality, 2002â€"2012. , 2017, , 193-221.		7
30	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
31	Humid tropical forest disturbance alerts using Landsat data. Environmental Research Letters, 2016, 11, 034008.	2.2	185
32	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
33	Can carbon emissions from tropical deforestation drop by 50% in 5Âyears?. Global Change Biology, 2016, 22, 1336-1347.	4.2	109
34	Remote sensing estimates of stand-replacement fires in Russia, 2002â€"2011. Environmental Research Letters, 2014, 9, 105007.	2.2	70
35	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