

# Jayashree Ratnam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5539213/publications.pdf>

Version: 2024-02-01

29  
papers

4,509  
citations

393982

19  
h-index

476904

29  
g-index

34  
all docs

34  
docs citations

34  
times ranked

4848  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determinants of woody cover in African savannas. <i>Nature</i> , 2005, 438, 846-849.	13.7	1,543
2	Tree-grass coexistence in savannas revisited - insights from an examination of assumptions and mechanisms invoked in existing models. <i>Ecology Letters</i> , 2004, 7, 480-490.	3.0	543
3	Savanna Vegetation-Fire-Climate Relationships Differ Among Continents. <i>Science</i> , 2014, 343, 548-552.	6.0	500
4	Woody cover in African savannas: the role of resources, fire and herbivory. <i>Global Ecology and Biogeography</i> , 2008, 17, 236-245.	2.7	444
5	When is a "forest" a savanna, and why does it matter?. <i>Global Ecology and Biogeography</i> , 2011, 20, 653-660.	2.7	348
6	Comment on "The global tree restoration potential". <i>Science</i> , 2019, 366, .	6.0	185
7	Savannahs of Asia: antiquity, biogeography, and an uncertain future. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150305.	1.8	126
8	Native ungulates of diverse body sizes collectively regulate long-term woody plant demography and structure of a semi-arid savanna. <i>Journal of Ecology</i> , 2013, 101, 1389-1399.	1.9	115
9	Contrasting effects of defaunation on aboveground carbon storage across the global tropics. <i>Nature Communications</i> , 2016, 7, 11351.	5.8	80
10	Nutrient resorption patterns of plant functional groups in a tropical savanna: variation and functional significance. <i>Oecologia</i> , 2008, 157, 141-151.	0.9	75
11	Comment on "The extent of forest in dryland biomes". <i>Science</i> , 2017, 358, .	6.0	57
12	Conservation lessons from large mammal manipulations in East African savannas: the KLEE, UHURU, and GLADE experiments. <i>Annals of the New York Academy of Sciences</i> , 2018, 1429, 31-49.	1.8	53
13	"Foresting" the grassland: Historical management legacies in forest-grassland mosaics in southern India, and lessons for the conservation of tropical grassy biomes. <i>Biological Conservation</i> , 2018, 224, 144-152.	1.9	52
14	Grasses continue to trump trees at soil carbon sequestration following herbivore exclusion in a semiarid African savanna. <i>Ecology</i> , 2020, 101, e03008.	1.5	43
15	Frost maintains forests and grasslands as alternate states in a montane tropical forest-grassland mosaic; but alien tree invasion and warming can disrupt this balance. <i>Journal of Ecology</i> , 2020, 108, 122-132.	1.9	38
16	Mid-late Holocene vegetation response to climatic drivers and biotic disturbances in the Banni grasslands of western India. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 869-878.	1.0	26
17	A thorny issue: Woody plant defence and growth in an East African savanna. <i>Journal of Ecology</i> , 2019, 107, 1839-1851.	1.9	23
18	Functional Traits of Trees From Dry Deciduous "Forests" of Southern India Suggest Seasonal Drought and Fire Are Important Drivers. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	23

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19	Shifts in community structure of tropical trees and avian frugivores in forests recovering from past logging. <i>Biological Conservation</i> , 2012, 153, 32-40.	1.9	22
20	African and Asian Savannas. , 2013, , 58-74.		22
21	Tree diversity and carbon storage cobenefits in tropical human-dominated landscapes. <i>Conservation Letters</i> , 2020, 13, e12699.	2.8	21
22	Spatial vegetation patterns and neighborhood competition among woody plants in an East African savanna. <i>Ecology</i> , 2017, 98, 478-488.	1.5	20
23	Multi-proxy evidence for an arid shift in the climate and vegetation of the Banni grasslands of western India during the mid- to late-Holocene. <i>Holocene</i> , 2018, 28, 1057-1070.	0.9	18
24	Monsoon forced evolution of savanna and the spread of agro-pastoralism in peninsular India. <i>Scientific Reports</i> , 2021, 11, 9032.	1.6	15
25	Seed Dispersal of <i>Vitex Glabrata</i> and <i>Prunus Ceylanica</i> by Civets (Viverridae) in Pakke Tiger Reserve, North-East India: Spatial Patterns and Post-Dispersal Seed Fates. <i>Tropical Conservation Science</i> , 2015, 8, 491-504.	0.6	11
26	Large herbivores maintain a two-phase herbaceous vegetation mosaic in a semi-arid savanna. <i>Ecology and Evolution</i> , 2019, 9, 12779-12788.	0.8	11
27	Perceptions of priority issues in the conservation of biodiversity and ecosystems in India. <i>Biological Conservation</i> , 2015, 187, 201-211.	1.9	9
28	The thermal niche and phylogenetic assembly of evergreen tree metacommunities in a mid-to-upper tropical montane zone. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	1.2	6
29	Don't Sell Social Science Short. <i>Science</i> , 2006, 312, 1470b-1470b.	6.0	4