Jean-FranÃ§ois Molino

List of Publications by Year
in descending order

46 papers	3,671 citations	361413 20 h-index	265206 42 g-index
48 all docs	48 docs citations	48 times ranked	6185 citing authors

#	Article	IF	Citations
1	Hyperdominance in the Amazonian Tree Flora. Science, 2013, 342, 1243092.	12.6	873
2	Continental-scale patterns of canopy tree composition and function across Amazonia. Nature, 2006, 443, 444-447.	27.8	593
3	Persistent effects of pre-Columbian plant domestication on Amazonian forest composition. Science, 2017, 355, 925-931.	12.6	443
4	Tree Diversity in Tropical Rain Forests: A Validation of the Intermediate Disturbance Hypothesis. Science, 2001, 294, 1702-1704.	12.6	316
5	Using functional traits and phylogenetic trees to examine the assembly of tropical tree communities. Journal of Ecology, 2012, 100, 690-701.	4.0	191
6	Estimating the global conservation status of more than 15,000 Amazonian tree species. Science Advances, 2015, 1, e1500936.	10.3	122
7	Species Distribution Modelling: Contrasting presence-only models with plot abundance data. Scientific Reports, 2018, 8, 1003.	3.3	113
8	Interactive plant identification based on social image data. Ecological Informatics, 2014, 23, 22-34.	5.2	111
9	Contrasting taxonomic and functional responses of a tropical tree community to selective logging. Journal of Applied Ecology, 2012, 49, 861-870.	4.0	102
10	A look inside the Pl@ntNet experience. Multimedia Systems, 2016, 22, 751-766.	4.7	78
11	Accuracy of small footprint airborne LiDAR in its predictions of tropical moist forest stand structure. Remote Sensing of Environment, 2012, 125, 23-33.	11.0	58
12	The imageCLEF plant identification task 2013. , 2013, , .		56
13	Biased-corrected richness estimates for the Amazonian tree flora. Scientific Reports, 2020, 10, 10130.	3.3	53
14	Broad-scale spatial pattern of forest landscape types in the Guiana Shield. International Journal of Applied Earth Observation and Geoinformation, 2011, 13, 357-367.	2.8	52
15	Toward a largeâ€scale and deep phenological stage annotation of herbarium specimens: Case studies from temperate, tropical, and equatorial floras. Applications in Plant Sciences, 2019, 7, e01233.	2.1	48
16	Pl@ntNet mobile app. , 2013, , .		40
17	Are all species necessary to reveal ecologically important patterns?. Ecology and Evolution, 2014, 4, 4626-4636.	1.9	37
18	Drawing ecological insights from a management-oriented forest inventory in French Guiana. Forest Ecology and Management, 2003, 172, 89-108.	3.2	33

#	Article	IF	Citations
19	Rarity of monodominance in hyperdiverse Amazonian forests. Scientific Reports, 2019, 9, 13822.	3.3	28
20	Amazon tree dominance across forest strata. Nature Ecology and Evolution, 2021, 5, 757-767.	7.8	27
21	Visual-based plant species identification from crowdsourced data. , 2011, , .		26
22	Longâ€term influence of early human occupations on current forests of the Guiana Shield. Ecology, 2019, 100, e02806.	3.2	26
23	Estimating tropical tree diversity indices from forestry surveys: A method to integrate taxonomic uncertainty. Forest Ecology and Management, 2014, 328, 270-281.	3.2	25
24	Plant identification: man vs. machine. Multimedia Tools and Applications, 2016, 75, 1647-1665.	3.9	25
25	Disturbance Regimes Drive The Diversity of Regional Floristic Pools Across Guianan Rainforest Landscapes. Scientific Reports, 2018, 8, 3872.	3.3	20
26	Multi-organ plant identification. , 2012, , .		19
27	Estimating species richness in hyperâ€diverse large tree communities. Ecology, 2017, 98, 1444-1454.	3.2	17
28	Mortality and recruitment in a lowland tropical rain forest of French Guiana: effects of soil type and species guild. Journal of Tropical Ecology, 2007, 23, 277-287.	1.1	16
29	The relative importance of dispersal limitation and habitat preference in shaping spatial distribution of saplings in a tropical moist forest: a case study along a combination of hydromorphic and canopy disturbance gradients. Annals of Forest Science, 2011, 68, 357-370.	2.0	16
30	CharKey: An electronic identification key for wood charcoals of French Guiana. IAWA Journal, 2019, 40, 75-S20.	2.7	15
31	A new case of neotropical monodominant forest:Spirotropis longifolia(Leguminosae-Papilionoideae) in French Guiana. Journal of Tropical Ecology, 2011, 27, 641-644.	1.1	14
32	Chloroplast DNA variation in a hyperdiverse tropical tree community. Ecology and Evolution, 2019, 9, 4897-4905.	1.9	13
33	The hyperdominant tropical tree Eschweilera coriacea (Lecythidaceae) shows higher genetic heterogeneity than sympatric Eschweilera species in French Guiana. Plant Ecology and Evolution, 2020, 153, 67-81.	0.7	12
34	Unraveling pre-Columbian occupation patterns in the tropical forests of French Guiana using an anthracological approach. Vegetation History and Archaeobotany, 2020, 29, 567-580.	2.1	10
35	The Inheritance of Leaf Oil Composition in Clausena anisum-olens (Blanco) Merr.. Journal of Essential Oil Research, 2000, 12, 135-139.	2.7	8
36	Pl@ntwood: A Computer-Assisted Identification Tool for 110 species of amazon trees based on wood Anatomical Features. IAWA Journal, 2011, 32, 221-232.	2.7	7

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37	Scaling issues of neutral theory reveal violations of ecological equivalence for dominant Amazonian tree species. Ecology Letters, 2019, 22, 1072-1082.	6.4	7
38	DiversitÃ© spÃ©cifique et regroupement d'espÃ¨ces arborescentes en forÃªt guyanaise. Revue Forestiere Francaise, 2003, , 131.	0.2	4
39	HISTORY AND BOTANY OF CLAUSENA ANISUM-OLENS (BLANCO) MERR. CV. 'CLAUSANIS' (RUTACEAE), A PROMISING ESSENTIAL OIL CROP PLANT. Acta Horticulturae, 1993, , 183-190.	0.2	3
40	(1167) Proposal to reject Illicium sanâ€ki Perr., a threat to Clausena anisumâ€olens (Blanco) Merr. (Rutaceae). Taxon, 1995, 44, 427-428.	0.7	3
41	Estimating and interpreting migration of Amazonian forests using spatially implicit and semiâ€explicit neutral models. Ecology and Evolution, 2017, 7, 4254-4265.	1.9	3
42	Ã‰cologie historique amazonienne, uneÂinterdisciplinaritÃ© nÃ©cessaire.. Les Nouvelles De L'archÃ©ologie, 2018, , 11-15.	0.0	3
43	On the identity of Clausena smyrelliana, and two new combinations in C. anisum-olens (Aurantioideae,) Tj ETQq1 1 0.784314 rgBT /O	0.3	2
44	Complementary N Uptake Strategies between Tree Species in Tropical Rainforest. International Scholarly Research Notices, 2014, 2014, 1-6.	0.9	1
45	Relationships between species richness and ecosystem services in Amazonian forests strongly influenced by biogeographical strata and forest types. Scientific Reports, 2022, 12, 5960.	3.3	1
46	Assessment of the efficiency of three sampling methods for the recovery of soil charcoals in tropical anthropogenic sites. Quaternary International, 2021, 595, 145-154.	1.5	0