

Jay R Malcolm

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

2,289
citations

22
h-index

47
g-index

47
ext. papers

2,588
ext. citations

3.5
avg, IF

4.87
L-index

#	Paper	IF	Citations
47	Global warming and extinctions of endemic species from biodiversity hotspots. <i>Conservation Biology</i> , 2006 , 20, 538-48	6	577
46	Edge Effects in Central Amazonian Forest Fragments. <i>Ecology</i> , 1994 , 75, 2438	4.6	247
45	Estimated migration rates under scenarios of global climate change. <i>Journal of Biogeography</i> , 2002 , 29, 835-849	4.1	240
44	Climate change induced hybridization in flying squirrels. <i>Global Change Biology</i> , 2010 , 16, 113-121	11.4	107
43	Area disturbed and residual stand damage following logging in a Bolivian tropical forest. <i>Forest Ecology and Management</i> , 2002 , 166, 271-283	3.9	93
42	Influence of Timber Extraction Routes on Central African Small-Mammal Communities, Forest Structure, and Tree Diversity. <i>Conservation Biology</i> , 2000 , 14, 1623-1638	6	93
41	A meta-analysis of bird responses to uniform partial harvesting across North America. <i>Conservation Biology</i> , 2007 , 21, 1230-40	6	86
40	Climate change and modelled biome representation in Canada's national park system: implications for system planning and park mandates. <i>Global Ecology and Biogeography</i> , 2002 , 11, 475-484	6.1	79
39	Effects of selective logging on bat communities in the southeastern Amazon. <i>Conservation Biology</i> , 2006 , 20, 1410-21	6	72
38	AMAZONIAN SMALL MAMMAL ABUNDANCES IN RELATION TO HABITAT STRUCTURE AND RESOURCE ABUNDANCE. <i>Journal of Mammalogy</i> , 2006 , 87, 766-776	1.8	70
37	Comparative Abundances of Neotropical Small Mammals by Trap Height. <i>Journal of Mammalogy</i> , 1991 , 72, 188-191	1.8	63
36	A Model of Conductive Heat Flow in Forest Edges and Fragmented Landscapes. <i>Climatic Change</i> , 1998 , 39, 487-502	4.5	50
35	The genetic signature of rapid range expansion by flying squirrels in response to contemporary climate warming. <i>Global Change Biology</i> , 2011 , 17, 1760-1769	11.4	38
34	Sciurid Habitat Relationships in Forests Managed Under Selection and Shelterwood Silviculture in Ontario. <i>Journal of Wildlife Management</i> , 2006 , 70, 1735-1745	1.9	36
33	VARIATION IN SMALL MAMMAL SPECIES RICHNESS BY TRAP HEIGHT AND TRAP TYPE IN SOUTHEASTERN AMAZONIA. <i>Journal of Mammalogy</i> , 2005 , 86, 982-990	1.8	34
32	Differential Habitat Use or Intraguild Interactions: What Structures a Carnivore Community?. <i>PLoS ONE</i> , 2016 , 11, e0146055	3.7	34
31	Effects of mahogany (<i>Swietenia macrophylla</i>) logging on small mammal communities, habitat structure, and seed predation in the southeastern Amazon Basin. <i>Forest Ecology and Management</i> , 2005 , 206, 381-398	3.9	33

30	Edge effects and the responses of aerial insect assemblages to structural-retention harvesting in Canadian boreal peatland forests. <i>Forest Ecology and Management</i> , 2005 , 204, 249-266	3.9	32
29	Unifying and distinguishing diversity ordering methods for comparing communities. <i>Population Ecology</i> , 2007 , 49, 89-100	2.1	28
28	An experimental test of density- and distant-dependent recruitment of mahogany (<i>Swietenia macrophylla</i>) in southeastern Amazonia. <i>Oecologia</i> , 2006 , 148, 437-46	2.9	28
27	Intensive forest biomass harvesting and biodiversity in Canada: A summary of relevant issues. <i>Forestry Chronicle</i> , 2011 , 87, 478-487	1	24
26	Juvenile mortality and attacks by a specialist herbivore increase with conspecific adult basal area of Amazonian <i>Swietenia macrophylla</i> (Meliaceae). <i>Journal of Tropical Ecology</i> , 2006 , 22, 451-460	1.3	22
25	A comparison of forest structure among old-growth, variable retention harvested, and clearcut peatland black spruce (<i>Picea mariana</i>) forests in boreal northeastern Ontario. <i>Forestry Chronicle</i> , 2003 , 79, 579-589	1	22
24	Landscape structure and local habitat characteristics as correlates of <i>Glaucomys sabrinus</i> and <i>Tamiasciurus hudsonicus</i> occurrence. <i>Journal of Mammalogy</i> , 2010 , 91, 642-653	1.8	17
23	Long-distance dispersal helps germinating mahogany seedlings escape defoliation by a specialist caterpillar. <i>Oecologia</i> , 2010 , 162, 405-12	2.9	16
22	Fine-Scale Habitat Associations of Red-Backed Voles in Boreal Mixedwood Stands. <i>Journal of Wildlife Management</i> , 2010 , 74, 1492-1501	1.9	15
21	Edge effects in tropical dry forests of Madagascar: additivity or synergy?. <i>Landscape Ecology</i> , 2017 , 32, 327-341	4.3	14
20	Fruiting body and molecular rDNA sampling of fungi in woody debris from logged and unlogged boreal forests in northeastern Ontario. <i>Ecoscience</i> , 2012 , 19, 374-390	1.1	14
19	Influence of post-harvest silviculture on understory vegetation: Implications for forage in a multi-ungulate system. <i>Forest Ecology and Management</i> , 2011 , 262, 1704-1712	3.9	14
18	Atmospheric Change and Biodiversity in the Arctic. <i>Environmental Monitoring and Assessment</i> , 1998 , 49, 303-325	3.1	14
17	From climate to caribou: How manufactured uncertainty is affecting wildlife management. <i>Wildlife Society Bulletin</i> , 2018 , 42, 366-381	1.4	11
16	Predicting non-inventoried forest elements using forest inventory data: The case of winter forage for woodland caribou. <i>Ecoscience</i> , 2013 , 20, 101-111	1.1	7
15	Structural changes and potential vertebrate responses following simulated partial harvesting of boreal mixedwood stands. <i>Forest Ecology and Management</i> , 2011 , 261, 1362-1371	3.9	7
14	Long-term snag and downed woody debris dynamics under periodic surface fire, fire suppression, and shelterwood management. <i>Canadian Journal of Forest Research</i> , 2009 , 39, 1709-1721	1.9	7
13	Ecology and Conservation of Canopy Mammals 2004 , 297-331		7

12	Response of saproxylic insect communities to logging history, tree species, stage of decay, and wood posture in the central Nearctic boreal forest. <i>Journal of Forestry Research</i> , 2018 , 29, 1365-1377	2	5
11	Experimental establishment of big-leaf mahogany (<i>Swietenia macrophylla</i> King) seedlings on two soil types in native forest of Pará, Brazil. <i>Forest Ecology and Management</i> , 2008 , 255, 282-291	3.9	5
10	Canopy cover mediates interactions between a specialist caterpillar and seedlings of a neotropical tree. <i>Journal of Ecology</i> , 2007 , 96, 071119203335009-???	6	5
9	Does variable stand structure associated with multi-cohort forests support diversity of ground beetle (Coleoptera, Carabidae) communities in the central Nearctic boreal forest?. <i>Journal of Forestry Research</i> , 2016 , 27, 1191-1202	2	4
8	Herbivores limit the population size of big-leaf mahogany trees in an Amazonian forest. <i>Oikos</i> , 2016 , 125, 137-148	4	4
7	Effects of single-tree selection harvesting on Rose-breasted Grosbeak (<i>Pheucticus leudovicianus</i>) demography in a northern hardwood forest. <i>Forest Ecology and Management</i> , 2012 , 276, 24-32	3.9	4
6	Forest harvesting and the carbon debt in boreal east-central Canada. <i>Climatic Change</i> , 2020 , 161, 433-449	2.5	3
5	Multi-cohort stand structure in boreal forests of northeastern Ontario: Relationships with forest age, disturbance history, and deadwood features. <i>Forestry Chronicle</i> , 2013 , 89, 290-303	1	3
4	Forest overstorey and age as habitat? Detecting the indirect and direct effects of predators in defining habitat in a harvested boreal landscape. <i>Forest Ecology and Management</i> , 2014 , 326, 101-108	3.9	2
3	Multi-cohort stand structure as a coarse filter of variation in mixedwood boreal bird communities. <i>Forestry Chronicle</i> , 2013 , 89, 327-339	1	2
2	The Need for Multi-Cohort Management in Boreal Forests / L'importance de l'aménagement multi-cohortes dans les forêts boréales. <i>Forestry Chronicle</i> , 2013 , 89, 271-274	1	1
1	Use of Sentinel-2 Data to Improve Multivariate Tree Species Composition in a Forest Resource Inventory. <i>Remote Sensing</i> , 2021 , 13, 4297	5	0