

Marcus Vieira

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

2,487
citations

236612

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99
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2743
citing authors

#	ARTICLE	IF	CITATIONS
1	Random placement models explain species richness and dissimilarity of frog assemblages within Atlantic Forest fragments. <i>Journal of Animal Ecology</i> , 2022, 91, 618-629.	1.3	2
2	Anthropogenic effects on the occurrence of medium-sized mammals on the Brazilian Pampa biome. <i>Animal Conservation</i> , 2021, 24, 135-147.	1.5	3
3	Species-Area Relationships Induced by Forest Habitat Fragmentation Apply Even to Rarely Detected Organisms. <i>Tropical Conservation Science</i> , 2021, 14, 194008292110173.	0.6	0
4	Conservation Initiatives in the Brazilian Atlantic Forest. , 2021, , 421-449.		4
5	The Program for Biodiversity Research in Brazil: The role of regional networks for biodiversity knowledge, dissemination, and conservation. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20201604.	0.3	9
6	Sustainability issues in a tropical mega trail. <i>Royal Society Open Science</i> , 2021, 8, 201840.	1.1	3
7	Forest area predicts all dimensions of small mammal and lizard diversity in Amazonian insular forest fragments. <i>Landscape Ecology</i> , 2021, 36, 3401-3418.	1.9	9
8	Dispersal movement through fragmented landscapes: the role of stepping stones and perceptual range. <i>Landscape Ecology</i> , 2021, 36, 3249-3267.	1.9	26
9	Indirect effects of habitat loss via habitat fragmentation: A cross-taxa analysis of forest-dependent species. <i>Biological Conservation</i> , 2020, 241, 108368.	1.9	93
10	NEOTROPICAL ALIEN MAMMALS: a data set of occurrence and abundance of alien mammals in the Neotropics. <i>Ecology</i> , 2020, 101, e031115.	1.5	22
11	Changes in aboveground locomotion of a scansorial opossum associated to habitat fragmentation. <i>Journal of Mammalogy</i> , 2020, 101, 1097-1107.	0.6	2
12	NEOTROPICAL CARNIVORES: a data set on carnivore distribution in the Neotropics. <i>Ecology</i> , 2020, 101, e03128.	1.5	26
13	What are the main drivers of survival and recruitment in tropical forest marsupials? A 16-year study. <i>Journal of Mammalogy</i> , 2020, 101, 515-525.	0.6	5
14	Optimizing small mammal surveys in Neotropical fragmented landscapes while accounting for potential sampling bias. <i>Mammalian Biology</i> , 2020, 100, 81-90.	0.8	4
15	Habitat amount drives the functional diversity and nestedness of anuran communities in an Atlantic Forest fragmented landscape. <i>Biotropica</i> , 2019, 51, 874-884.	0.8	20
16	When does habitat fragmentation matter? A biome-wide analysis of small mammals in the Atlantic Forest. <i>Journal of Biogeography</i> , 2019, 46, 2811-2825.	1.4	22
17	NEOTROPICAL XENARTHTRANS: a data set of occurrence of xenarthran species in the Neotropics. <i>Ecology</i> , 2019, 100, e02663.	1.5	54
18	Uy like patterns in the small-scale movements of marsupials in an unfamiliar and risky environment. <i>Scientific Reports</i> , 2019, 9, 2737.	1.6	8

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19	Scaling of movements with body mass in a small opossum: evidence for an optimal body size in mammals. <i>Journal of Mammalogy</i> , 2019, 100, 1765-1773.	0.6	11
20	Negative or positive density-dependence in movements depends on climatic seasons: The case of a Neotropical marsupial. <i>Austral Ecology</i> , 2019, 44, 216-222.	0.7	8
21	Ecological correlates of mammal β -diversity in Amazonian land-bridge islands: from small-to large-bodied species. <i>Diversity and Distributions</i> , 2018, 24, 1109-1120.	1.9	16
22	Small mammal responses to Amazonian forest islands are modulated by their forest dependence. <i>Oecologia</i> , 2018, 187, 191-204.	0.9	37
23	Habitat fragmentation affects individual condition: evidence from small mammals of the Brazilian Atlantic Forest. <i>Journal of Mammalogy</i> , 2018, 99, 936-945.	0.6	19
24	Seasonality in metacommunity structure: an empirical test in the Atlantic Forest. <i>Landscape Ecology</i> , 2018, 33, 1769-1783.	1.9	5
25	Fair tests of the habitat amount hypothesis require appropriate metrics of patch isolation: An example with small mammals in the Brazilian Atlantic Forest. <i>Biological Conservation</i> , 2018, 226, 264-270.	1.9	31
26	Conservation of grasslands and savannas: A meta-analysis on mammalian responses to anthropogenic disturbance. <i>Journal for Nature Conservation</i> , 2018, 45, 72-78.	0.8	12
27	FRUGIVORY VS. INSECTIVORY IN MARSUPIALS OF THE ATLANTIC FOREST: TRADE-OFFS IN THE USE OF VERTICAL STRATA. <i>Oecologia Australis</i> , 2018, 22, 191-200.	0.1	2
28	Habitat fragmentation effects on fine-scale movements and space use of an opossum in the Atlantic Forest. <i>Journal of Mammalogy</i> , 2017, 98, 1129-1136.	0.6	24
29	Misuse of bird digital distribution maps creates reversed spatial diversity patterns in the Amazon. <i>Biotropica</i> , 2017, 49, 636-642.	0.8	11
30	Non-random lizard extinctions in land-bridge Amazonian forest islands after 28 years of isolation. <i>Biological Conservation</i> , 2017, 214, 55-65.	1.9	29
31	Herpetofaunal responses to anthropogenic forest habitat modification across the neotropics: insights from partitioning β -diversity. <i>Biodiversity and Conservation</i> , 2017, 26, 2877-2891.	1.2	15
32	The importance of food supply in high-productivity ecosystems: Short-term experimental tests with small rodents. <i>Austral Ecology</i> , 2017, 42, 176-186.	0.7	4
33	CLIMATE-DRIVEN VARIATION IN SPACE USE BY THE NEOTROPICAL MARSUPIAL <i>Metachirus nudicaudatus</i> . <i>Oecologia Australis</i> , 2017, 21, 450-454.	0.1	10
34	Edge effects and geometric constraints: a landscape-level empirical test. <i>Journal of Animal Ecology</i> , 2016, 85, 97-105.	1.3	10
35	Movement Behavior of Native and Invasive Small Mammals Shows Logging May Facilitate Invasion in a Tropical Rain Forest. <i>Biotropica</i> , 2016, 48, 373-380.	0.8	17
36	Detecting and modelling delayed density-dependence in abundance time series of a small mammal (<i>Didelphis aurita</i>). <i>Scientific Reports</i> , 2016, 6, 19553.	1.6	10

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37	Limb abnormality in a neotropical scansorial marsupial, <i>Gracilinanus agilis</i> (Didelphimorphia): Tj ETQq1 1 0.784314 rgBT /Overlock 10 IF	0.3	2
38	Seasonal dynamics with compensatory effects regulate populations of tropical forest marsupials: a 16-year study. <i>Oecologia</i> , 2016, 182, 1095-1106.	0.9	20
39	Patch size matters for amphibians in tropical fragmented landscapes. <i>Biological Conservation</i> , 2016, 195, 89-96.	1.9	28
40	Local and Landscape Factors Driving the Structure of Tropical Anuran Communities: Do Ephemeral Ponds have a Nested Pattern?. <i>Biotropica</i> , 2016, 48, 365-372.	0.8	16
41	Habitat quality versus spatial variables as determinants of small mammal assemblages in Atlantic Forest fragments. <i>Journal of Mammalogy</i> , 2016, 97, 253-265.	0.6	35
42	Marsupial population dynamics in a tropical rainforest: intraspecific competition and nonlinear effect of rainfall. <i>Journal of Mammalogy</i> , 2016, 97, 121-127.	0.6	15
43	An efficient timing device to record activity patterns of small mammals in the field. <i>Mammalia</i> , 2016, 80, .	0.3	1
44	POSTURAL CLIMBING BEHAVIOUR OF DIDELPHID MARSUPIALS: PARALLELS WITH PRIMATES. <i>Oecologia Australis</i> , 2016, 20, 375-390.	0.1	8
45	POSTURAL BEHAVIOR OF THE SEMIAQUATIC NECTOMYS (RODENTIA, SIGMODONTINAE) IN SWIMMING BOUND. <i>Oecologia Australis</i> , 2016, 20, 366-374.	0.1	1
46	Anuran community composition along two large rivers in a tropical disturbed landscape. <i>Zoologia</i> , 2015, 32, 09-13.	0.5	6
47	What if it gets crowded? Densityâ€dependent tortuosity in individual movements of a <sc>N</sc>eotropical mammal. <i>Austral Ecology</i> , 2015, 40, 758-764.	0.7	18
48	From simple questions to complex answers: a research program based on diet selection and water balance of small mammals. <i>Oecologia Australis</i> , 2015, 19, 32-46.	0.1	0
49	Activity pattern of the neotropical marsupial <i>Didelphis aurita</i> in south-eastern Brazilian Atlantic Forest. <i>Journal of Tropical Ecology</i> , 2014, 30, 169-172.	0.5	7
50	Underestimation of Extinction Threat to Streamâ€dwelling Amphibians due to Lack of Consideration of Narrow Area of Occupancy. <i>Conservation Biology</i> , 2014, 28, 616-619.	2.4	24
51	Swimming performance in semiaquatic and terrestrial Oryzomyine rodents. <i>Mammalian Biology</i> , 2014, 79, 189-194.	0.8	4
52	Rethinking edge effects: the unaccounted role of geometric constraints. <i>Ecography</i> , 2013, 36, 287-299.	2.1	19
53	Population responses of small mammals to food supply and predators: a global metaâ€analysis. <i>Journal of Animal Ecology</i> , 2013, 82, 927-936.	1.3	87
54	Life history of a neotropical marsupial: Evaluating potential contributions of survival and reproduction to population growth rate. <i>Mammalian Biology</i> , 2013, 78, 406-411.	0.8	10

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55	A comparison of abundance estimators for small mammal populations. <i>Zoologia</i> , 2013, 30, 182-190.	0.5	13
56	Positional behaviour and tail use by the bare-tailed woolly opossum <i>Caluromys philander</i> (Didelphimorphia, Didelphidae). <i>Mammalian Biology</i> , 2012, 77, 307-313.	0.8	22
57	THE STATE OF THE ART OF POPULATION PROJECTION MODELS: FROM THE LESLIE MATRIX TO EVOLUTIONARY DEMOGRAPHY. <i>Oecologia Australis</i> , 2012, 16, 13-22.	0.1	10
58	MATHEMATICAL MODELS IN ECOLOGICAL THEORY: A REVIEW BY BRAZILIAN RESEARCHERS ON ITS CURRENT STATUS AND PERSPECTIVES. <i>Oecologia Australis</i> , 2012, 16, 9-12.	0.1	3
59	EQUILÍBRIO DE NASH E ESTRATÉGIAS EVOLUTIVAMENTE ESTÁVEIS: A TEORIA DOS JOGOS NA ECOLOGIA DE POPULAÇÕES. <i>Oecologia Australis</i> , 2012, 16, 127-140.	0.1	0
60	Artificial nests as an alternative to studies of arboreal small mammal populations: a five-year study in the Atlantic Forest, Brazil. <i>Zoologia</i> , 2011, 28, 388-394.	0.5	6
61	Does land use affect perceptual range? Evidence from two marsupials of the Atlantic Forest. <i>Journal of Zoology</i> , 2011, 284, 53-59.	0.8	38
62	Does the type of matrix matter? A quantitative review of the evidence. <i>Biodiversity and Conservation</i> , 2010, 19, 1205-1223.	1.2	349
63	Movement behaviour within and beyond perceptual ranges in three small mammals: effects of matrix type and body mass. <i>Journal of Animal Ecology</i> , 2010, 79, 1315-1323.	1.3	67
64	Indices of movement behaviour: conceptual background, effects of scale and location errors. <i>Zoologia</i> , 2010, 27, 674-680.	0.5	40
65	Spool-and-line in a backpack: a new technique for studying movement of small mammals. <i>Mammalia</i> , 2010, 74, 209-211.	0.3	5
66	Plantation rows as dispersal routes: A test with didelphid marsupials in the Atlantic Forest, Brazil. <i>Biological Conservation</i> , 2010, 143, 131-135.	1.9	33
67	Occasional intraguild predation structuring small mammal assemblages: the marsupial <i>Didelphis aurita</i> in the Atlantic Forest of Brazil. <i>Austral Ecology</i> , 2009, 34, 481-489.	0.7	22
68	Land use vs. fragment size and isolation as determinants of small mammal composition and richness in Atlantic Forest remnants. <i>Biological Conservation</i> , 2009, 142, 1191-1200.	1.9	121
69	Perception of a fragmented landscape by neotropical marsupials: effects of body mass and environmental variables. <i>Journal of Tropical Ecology</i> , 2009, 25, 53-62.	0.5	43
70	Allometric, Phylogenetic, and Adaptive Components of Climbing Performance in Seven Species of Didelphid Marsupials. <i>Journal of Mammalogy</i> , 2009, 90, 104-113.	0.6	25
71	Scaling body mass and use of space in three species of marsupials in the Atlantic Forest of Brazil. <i>Austral Ecology</i> , 2008, 33, 872-879.	0.7	22
72	Water Absorption of the Fur and Swimming Behavior of Semiaquatic and Terrestrial Oryzomine Rodents. <i>Journal of Mammalogy</i> , 2008, 89, 1152-1161.	0.6	26

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73	Precipitation, Litterfall, and the Dynamics of Density and Biomass in the Black-Eared Opossum, <i>Didelphis aurita</i> . Journal of Mammalogy, 2008, 89, 159-167.	0.6	21
74	Use of space by the marsupial <i>Marmosops incanus</i> (Didelphimorphia, Didelphidae) in the Atlantic Forest, Brazil. Mammalian Biology, 2008, 73, 255-261.	0.8	22
75	Nine-year demography of the black-eared opossum <i>Didelphis aurita</i> (Didelphimorphia: Didelphidae) using life tables. Revista Brasileira De Zoologia, 2008, 25, 206-213.	0.5	29
76	Uso do espaço por pequenos mamíferos: uma análise dos estudos realizados no Brasil. Oecologia Brasiliensis, 2008, 12, 610-625.	0.6	12
77	Stride lengths and frequencies of arboreal walking in seven species of didelphid marsupials. Acta Theriologica, 2007, 52, 101-111.	1.1	33
78	Arboreal walking performance in seven didelphid marsupials as an aspect of their fundamental niche. Austral Ecology, 2006, 31, 449-457.	0.7	43
79	Preliminary observations on habitat, support use and diet in two non-native primates in an urban Atlantic forest fragment: The capuchin monkey (<i>Cebus</i> sp.) and the common marmoset (<i>Callithrix</i>)	0.78	14
80	Novos métodos no estudo da estratificação vertical de marsupiais neotropicais. Oecologia Brasiliensis, 2006, 10, 135-153.	0.6	16
81	Age, season, and arboreal movements of the opossum <i>Didelphis aurita</i> in an Atlantic rain forest of Brazil. Acta Theriologica, 2005, 50, 551-560.	1.1	21
82	Interaction Between The Intermediate Host Of Schistosomiasis In Brazil, <i>Biomphalaria Glabrata</i> (Say)	0.4	10
83	Defense behavior and nest architecture of <i>Metachirus nudicaudatus</i> (Desmarest, 1817) (Marsupialia, Didelphidae). Mammalia, 2005, 69, 417-419.	0.3	10
84	Scale-dependent habitat selection in three didelphid marsupials using the spool-and-line technique in the Atlantic forest of Brazil. Journal of Tropical Ecology, 2005, 21, 337-342.	0.5	41
85	LOCOMOTION IN AQUATIC, TERRESTRIAL, AND ARBOREAL HABITAT OF THICK-TAILED OPOSSUM, <i>LUTREOLINA CRASSICAUDA</i> (DESMAREST, 1804). Journal of Mammalogy, 2005, 86, 902-908.	0.6	21
86	THE EFFECTS OF REPRODUCTIVE AND CLIMATIC SEASONS ON MOVEMENTS IN THE BLACK-EARED OPOSSUM (<i>DIDELPHIS AURITA</i> WIED-NEUWIED, 1826). Journal of Mammalogy, 2005, 86, 287-293.	0.6	72
87	Present and Past Primate Community of the Tijuca Forest, Rio de Janeiro, Brazil. Neotropical Primates, 2004, 12, 153-154.	0.1	9
88	Geographic range and body size in Neotropical marsupials. Global Ecology and Biogeography, 2004, 13, 439-444.	2.7	22
89	Two Bodies Cannot Occupy the Same Place at the Same Time, or The Importance of Space in the Ecological Niche. Bulletin of the Ecological Society of America, 2004, 85, 25-26.	0.2	19
90	Movement distances and density estimation of small mammals using the spool-and-line technique. Acta Theriologica, 2003, 48, 289-300.	1.1	23

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91	A Method to Determine the Minimum Number of Litter Traps in Litterfall Studies1. <i>Biotropica</i> , 2003, 35, 419-421.	0.8	21
92	Seasonal Niche Dynamics in Coexisting Rodents of the Brazilian Cerrado. <i>Studies on Neotropical Fauna and Environment</i> , 2003, 38, 7-15.	0.5	42
93	A Method to Determine the Minimum Number of Litter Traps in Litterfall Studies1. <i>Biotropica</i> , 2003, 35, 419.	0.8	4
94	Apparent competition through facilitation between <i>Melanoides tuberculata</i> and <i>Biomphalaria glabrata</i> and the control of schistosomiasis. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2003, 98, 429-431.	0.8	18
95	Interaction between the Intermediate Host of Schistosomiasis in Brazil <i>Biomphalaria glabrata</i> (Planorbidae) and a Possible Competitor <i>Melanoides tuberculata</i> (Thiaridae): I. Laboratory Experiments. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2002, 97, 363-369.	0.8	10
96	A device and standard variables to describe microhabitat structure of small mammals based on plant cover. <i>Brazilian Journal of Biology</i> , 2002, 62, 795-800.	0.4	39
97	Support diameter, incline, and vertical movements of four didelphid marsupials in the Atlantic forest of Brazil. <i>Journal of Zoology</i> , 2002, 258, 419-426.	0.8	110
98	Nests and nesting sites of Brazilian forest rodents (<i>Nectomys squamipes</i> and <i>Oryzomys intermedius</i>) as revealed by a spool-and-line device. <i>Acta Theriologica</i> , 2001, 46, 331-334.	1.1	25
99	Nests and nesting sites of Brazilian forest rodents (<i>Nectomys squamipes</i> and <i>Oryzomys intermedius</i>) as revealed by a spool-and-line device. <i>Acta Theriologica</i> , 2001, 46, 331-334.	1.1	14