Pablo A Marquet

List of Publications by Year in descending order

189 papers	17,941 citations	31976 53 h-index	14759 127 g-index
212 all docs	212 docs citations	212 times ranked	21829 citing authors

#	Article	IF	Citations
1	A Significant Upward Shift in Plant Species Optimum Elevation During the 20th Century. Science, 2008, 320, 1768-1771.	12.6	1,729
2	Approaching a state shift in Earthâ€™s biosphere. Nature, 2012, 486, 52-58.	27.8	1,518
3	Effectiveness of the global protected area network in representing species diversity. Nature, 2004, 428, 640-643.	27.8	1,149
4	Species abundance distributions: moving beyond single prediction theories to integration within an ecological framework. Ecology Letters, 2007, 10, 995-1015.	6.4	1,124
5	Parasites in food webs: the ultimate missing links. Ecology Letters, 2008, 11, 533-546.	6.4	716
6	Heat freezes niche evolution. Ecology Letters, 2013, 16, 1206-1219.	6.4	708
7	Climate change, wine, and conservation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6907-6912.	7.1	571
8	Evolution of Body Size: Consequences of an Energetic Definition of Fitness. American Naturalist, 1993, 142, 573-584.	2.1	560
9	Global Gap Analysis: Priority Regions for Expanding the Global Protected-Area Network. BioScience, 2004, 54, 1092.	4.9	516
10	Intraguild predation: a widespread interaction related to species biology. Ecology Letters, 2004, 7, 557-564.	6.4	403
11	Conserving Biodiversity Efficiently: What to Do, Where, and When. PLoS Biology, 2007, 5, e223.	5.6	398
12	BODY MASS OF LATE QUATERNARY MAMMALS. Ecology, 2003, 84, 3403-3403.	3.2	393
13	Scaling and power-laws in ecological systems. Journal of Experimental Biology, 2005, 208, 1749-1769.	1.7	312
14	Socioeconomic status determines COVID-19 incidence and related mortality in Santiago, Chile. Science, 2021, 372, .	12.6	283
15	Extinction Thresholds and Metapopulation Persistence in Dynamic Landscapes. American Naturalist, 2000, 156, 478-494.	2.1	264
16	Species coâ€occurrence networks: Can they reveal trophic and nonâ€trophic interactions in ecological communities?. Ecology, 2018, 99, 690-699.	3.2	242
17	Spread dynamics of invasive species. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 374-378.	7.1	213
18	On Theory in Ecology. BioScience, 2014, 64, 701-710.	4.9	195

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19	The commonness of rarity: Global and future distribution of rarity across land plants. Science Advances, 2019, 5, eaaz0414.	10.3	194
20	Scaling Population Density to Body Size in Rocky Intertidal Communities. Science, 1990, 250, 1125-1127.	12.6	183
21	From the Holocene to the Anthropocene: A historical framework for land cover change in southwestern South America in the past 15,000 years. Land Use Policy, 2010, 27, 148-160.	5.6	183
22	Similarity of Mammalian Body Size across the Taxonomic Hierarchy and across Space and Time. American Naturalist, 2004, 163, 672-691.	2.1	173
23	Spatial patterns of phylogenetic diversity. Ecology Letters, 2011, 14, 141-149.	6.4	171
24	Using species coâ€occurrence networks to assess the impacts of climate change. Ecography, 2011, 34, 897-908.	4.5	160
25	Patterns in body mass distributions: sifting among alternative hypotheses. Ecology Letters, 2006, 9, 630-643.	6.4	149
26	Areas of global importance for conserving terrestrial biodiversity, carbon and water. Nature Ecology and Evolution, 2021, 5, 1499-1509.	7.8	147
27	Mollusk species diversity in the Southeastern Pacific: why are there more species towards the pole?. Ecography, 2003, 26, 139-144.	4.5	135
28	Food web structure and body size: trophic position and resource acquisition. Oikos, 2010, 119, 147-153.	2.7	132
29	Diversity, dynamics and biogeography of Chilean benthic nearshore ecosystems: an overview and guidelines for conservation. Revista Chilena De Historia Natural, 2000, 73, 797.	1.2	130
30	On size and area: Patterns of mammalian body size extremes across landmasses. Evolutionary Ecology, 1998, 12, 127-139.	1.2	128
31	Community Structure of Desert Small Mammals: Comparisons Across Four Continents. Ecology, 1996, 77, 746-761.	3.2	126
32	Body Size, Population Density, and the Energetic Equivalence Rule. Journal of Animal Ecology, 1995, 64, 325.	2.8	119
33	Emergence of social complexity among coastal hunter-gatherers in the Atacama Desert of northern Chile. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14754-14760.	7.1	109
34	Rain Forest Islands in the Chilean Semiarid Region: Fog-dependency, Ecosystem Persistence and Tree Regeneration. Ecosystems, 2006, 9, 598-608.	3.4	100
35	Ecosystem engineering facilitates invasions by exotic plants in high-Andean ecosystems. Journal of Ecology, 2007, 95, 682-688.	4.0	99
36	El Nino events, precipitation patterns, and rodent outbreaks are statistically associated in semiarid Chile. Ecography, 1999, 22, 213-218.	4.5	97

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37	30% land conservation and climate action reduces tropical extinction risk by more than 50%. Ecography, 2020, 43, 943-953.	4.5	94
38	On the relationship between trophic position, body mass and temperature: reformulating the energy limitation hypothesis. Oikos, 2007, 116, 1524-1530.	2.7	88
39	Conservation status, rarity, and geographic priorities for conservation of Chilean mammals: an assessment. Biological Conservation, 1999, 88, 53-68.	4.1	86
40	Effects of Habitat Fragmentation on Bird Species in a Relict Temperate Forest in Semiarid Chile. Conservation Biology, 2000, 14, 534-543.	4.7	80
41	Continuities and discontinuities in the socio-environmental systems of the Atacama Desert during the last 13,000 years. Journal of Anthropological Archaeology, 2017, 46, 28-39.	1.6	80
42	Geographical distribution of Tillandsia lomas in the Atacama Desert, northern Chile. Journal of Arid Environments, 2006, 65, 543-552.	2.4	75
43	Comparing the relative contributions of biotic and abiotic factors as mediators of speciesâ€™ distributions. Ecological Modelling, 2013, 248, 57-70.	2.5	69
44	Effects of forest fragmentation on the beetle assemblage at the relict forest of Fray Jorge, Chile. Oecologia, 2002, 132, 296-306.	2.0	68
45	Exploring patterns and mechanisms of interspecific and intraspecific variation in body elemental composition of desert consumers. Oikos, 2011, 120, 1247-1255.	2.7	68
46	Seaweeds, latitudinal diversity patterns, and Rapoport's Rule. Diversity and Distributions, 1998, 4, 71-75.	4.1	67
47	Testing the energetic equivalence rule with helminth endoparasites of vertebrates. Ecology Letters, 2004, 7, 527-531.	6.4	65
48	Vegetation pattern formation in a fog-dependent ecosystem. Journal of Theoretical Biology, 2010, 265, 18-26.	1.7	65
49	On the Relationship between Productivity and Food Chain Length at Different Ecological Levels. American Naturalist, 2007, 169, 62-72.	2.1	64
50	How well do the existing and proposed reserve networks represent vertebrate species in Chile?. Diversity and Distributions, 2008, 14, 148-158.	4.1	62
51	PHYLOGEOGRAPHY OF OLIGORYZOMYS LONGICAUDATUS (RODENTIA: SIGMODONTINAE) IN TEMPERATE SOUTH AMERICA. Journal of Mammalogy, 2005, 86, 191-200.	1.3	61
52	Using phylogenetic information and the comparative method to evaluate hypotheses in macroecology. Methods in Ecology and Evolution, 2013, 4, 401-415.	5.2	59
53	Ecological and biogeographical inferences on two sympatric and enigmatic Andean cat species using genetic identification of faecal samples. Molecular Ecology, 2008, 17, 678-690.	3.9	58
54	METABOLIC ECOLOGY: LINKING INDIVIDUALS TO ECOSYSTEMS. Ecology, 2004, 85, 1794-1796.	3.2	56

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55	The Multidimensional Stoichiometric Niche. Frontiers in Ecology and Evolution, 2017, 5, .	2.2	56
56	Fire, percolation thresholds and the savanna forest transition: a neutral model approach. Journal of Ecology, 2014, 102, 1386-1393.	4.0	55
57	Ecological aspects of thermoregulation at high altitudes: the case of andean Liolaemus lizards in northern Chile. Oecologia, 1989, 81, 16-20.	2.0	53
58	PERIDOMESTIC SMALL MAMMALS ASSOCIATED WITH CONFIRMED CASES OF HUMAN HANTAVIRUS DISEASE IN SOUTHCENTRAL CHILE. American Journal of Tropical Medicine and Hygiene, 2004, 70, 305-309.	1.4	53
59	Distributional (In)Congruence of Biodiversityâ€“Ecosystem Functioning. Advances in Ecological Research, 2012, 46, 1-88.	2.7	52
60	Exotic plant invasions to the mediterranean region of Chile: causes, history and impacts. Revista Chilena De Historia Natural, 2004, 77, .	1.2	51
61	Dual thinking for scientists. Ecology and Society, 2015, 20, .	2.3	50
62	GCM <scp>compare</scp>R: A web application to assess differences and assist in the selection of general circulation models for climate change research. Methods in Ecology and Evolution, 2020, 11, 656-663.	5.2	50
63	Microbial communities in soil chronosequences with distinct parent material: the effect of soil <scp>pH</scp> and litter quality. Journal of Ecology, 2017, 105, 1709-1722.	4.0	49
64	Large Temporal and Spatial Scales in the Structure of Mammalian Assemblages in South America: A Macroecological Approach. Oikos, 1999, 85, 299.	2.7	48
65	ECOLOGY: Of Predators, Prey, and Power Laws. Science, 2002, 295, 2229-2230.	12.6	47
66	Deconstructing latitudinal species richness patterns in the ocean: does larval development hold the clue?. Ecology Letters, 2009, 12, 601-611.	6.4	47
67	The Introduced Hawaiian Avifauna Reconsidered: Evidence for Self-Organized Criticality?. Journal of Theoretical Biology, 1996, 182, 161-167.	1.7	43
68	Representation of Ecosystem Services by Terrestrial Protected Areas: Chile as a Case Study. PLoS ONE, 2013, 8, e82643.	2.5	42
69	Inverse latitudinal gradients in species diversity. , 2007, , 246-257.		41
70	Regeneration patterns and persistence of the fogâ€dependent Fray Jorge forest in semiarid Chile during the past two centuries. Global Change Biology, 2008, 14, 161-176.	9.5	41
71	Habitat and Diet of Darwin's Fox (Pseudalopex fulvipes) on the Chilean Mainland. Journal of Mammalogy, 1990, 71, 246-248.	1.3	40
72	Extinction and colonization processes in subpopulations of five neotropical small mammal species. Oecologia, 1996, 107, 197-203.	2.0	40

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73	Selective extinction of late Neogene bivalves on the temperate Pacific coast of South America. Paleobiology, 2007, 33, 455-468.	2.0	39
74	How do Species Really Divide Resources?. American Naturalist, 1996, 147, 1072-1086.	2.1	37
75	Connecting landscape structure and patterns in body size distributions. Oikos, 2012, 121, 697-710.	2.7	37
76	Effects of Human Activity on the Structure of Coastal Marine Bird Assemblages in Central Chile. Conservation Biology, 2001, 15, 1396-1404.	4.7	37
77	Establishment and formation of fog-dependentTillandsia landbeckiidunes in the Atacama Desert: Evidence from radiocarbon and stable isotopes. Journal of Geophysical Research, 2011, 116, .	3.3	36
78	Bromeliad growth and stoichiometry: responses to atmospheric nutrient supply in fog-dependent ecosystems of the hyper-arid Atacama Desert, Chile. Oecologia, 2011, 167, 835-845.	2.0	36
79	A network analysis of plantâ€“pollinator interactions in temperate rain forests of ChiloÃ© Island, Chile. Oecologia, 2009, 160, 697-706.	2.0	35
80	Inferring species roles in metacommunity structure from species co-occurrence networks. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20141425.	2.6	35
81	Can we infer plant facilitation from remote sensing? a test across global drylands. Ecological Applications, 2015, 25, 1456-1462.	3.8	35
82	Inter- and intraspecific phylogeography of small mammals in the Atacama Desert and adjacent areas of northern Chile. Journal of Biogeography, 2005, 32, 1931-1941.	3.0	34
83	Topological properties of polar food webs. Marine Ecology - Progress Series, 2013, 474, 15-26.	1.9	34
84	Facilitation by nurse plants regulates community invasibility in harsh environments. Journal of Vegetation Science, 2015, 26, 756-767.	2.2	34
85	A general theory for temperature dependence in biology. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	34
86	Energetics and Torpor in the Atacama Desert-Dwelling Rodent Phyllotis darwinirupestris. Journal of Mammalogy, 1991, 72, 734-738.	1.3	33
87	Diversity of Small Mammals in the Pacific Coastal Desert of Peru and Chile and in the Adjacent Andean Area - Biogeography and Community Structure. Australian Journal of Zoology, 1994, 42, 527.	1.0	31
88	Rarity in Chilean forest birds: which ecological and lifeâ€history traits matter?. Diversity and Distributions, 2007, 13, 203-212.	4.1	31
89	Ecosystem engineering affects ecosystem functioning in high-Andean landscapes. Oecologia, 2008, 155, 821-829.	2.0	31
90	Biocultural Homogenization in Urban Settings: Public Knowledge of Birds in City Parks of Santiago, Chile. Sustainability, 2017, 9, 485.	3.2	31

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91	Darwinian Fitness and Reproductive Power: Reply to Kozlowski. American Naturalist, 1996, 147, 1092-1097.	2.1	30
92	ECOLOGY: Invariants, Scaling Laws, and Ecological Complexity. Science, 2000, 289, 1487-1488.	12.6	30
93	Assessing the performance of the existing and proposed network of marine protected areas to conserve marine biodiversity in Chile. Biological Conservation, 2009, 142, 3147-3153.	4.1	30
94	Extra-metabolic energy use and the rise in human hyper-density. Scientific Reports, 2017, 7, 43869.	3.3	30
95	Vegetation in an altitudinal gradient along the RÄ±Ìo Loa in the Atacama Desert of northern Chile. Journal of Arid Environments, 1998, 40, 383-399.	2.4	29
96	A review of the heterogeneous landscape of biodiversity databases: Opportunities and challenges for a synthesized biodiversity knowledge base. Global Ecology and Biogeography, 2022, 31, 1242-1260.	5.8	29
97	Phylogenetic and biogeographic relationships of the mouse opossum Thylamys (Didelphimorphia,) Tj ETQq1 1 0.784314 rgBT /Overlo	2.7	28
98	Innovation: an emerging focus from cells to societies. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160414.	4.0	28
99	Patterns of bird diversity and habitat use in mixed vineyard-matorral landscapes of Central Chile. Ecological Indicators, 2017, 73, 345-357.	6.3	28
100	How do we best synergize climate mitigation actions to coâ€benefit biodiversity?. Global Change Biology, 2022, 28, 2555-2577.	9.5	28
101	Peridomestic small mammals associated with confirmed cases of human hantavirus disease in southcentral Chile. American Journal of Tropical Medicine and Hygiene, 2004, 70, 305-9.	1.4	28
102	Priority areas for the conservation of coastal marine vertebrates in Chile. Biological Conservation, 2005, 126, 420-428.	4.1	27
103	Scaling metabolic rate fluctuations. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10900-10903.	7.1	27
104	On the seasonal effect of landscape structure on a bird species: the thorn-tailed rayadito in a relict forest in northern Chile. Landscape Ecology, 2007, 22, 1059-1071.	4.2	26
105	Pattern Formation in a Patch Occupancy Metapopulation Model: a Cellular Automata Approach. Journal of Theoretical Biology, 1998, 194, 79-90.	1.7	25
106	Comparison of soil microbial communities inhabiting vineyards and native sclerophyllous forests in central <scp>C</scp>hile. Ecology and Evolution, 2015, 5, 3857-3868.	1.9	25
107	Survival of the Systems. Trends in Ecology and Evolution, 2021, 36, 333-344.	8.7	25
108	Innovation and the growth of human population. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160415.	4.0	24

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109	Title is missing!. Biodiversity and Conservation, 2002, 11, 1975-1990.	2.6	23
110	Interactions among patch area, forest structure and water fluxes in a fogâ€inundated forest ecosystem in semiâ€arid Chile. Functional Ecology, 2010, 24, 909-917.	3.6	23
111	Alteration of coastal productivity and artisanal fisheries interact to affect a marine food web. Scientific Reports, 2021, 11, 1765.	3.3	22
112	Patch recolonization by the tunicate Pyura praeputialis in the rocky intertidal of the Bay of Antofagasta, Chile: evidence for self-facilitation mechanisms. Marine Ecology - Progress Series, 2001, 224, 93-101.	1.9	22
113	Microhabitat shifts of lizards under different contexts of sympatry: a case study with South American Liolaemus. Oecologia, 1988, 76, 567-569.	2.0	21
114	Biogenic habitat creation affects biomassâ€“diversity relationships in plant communities. Perspectives in Plant Ecology, Evolution and Systematics, 2009, 11, 191-201.	2.7	21
115	Effects of herbivory and patch size on tree seedling survivorship in a fog-dependent coastal rainforest in semiarid Chile. Oecologia, 2007, 153, 625-632.	2.0	19
116	Loco or no Loco? Holocene Climatic Fluctuations, Human Demography, and Community Based Management of Coastal Resources in Northern Chile. Frontiers in Earth Science, 2017, 5, .	1.8	19
117	Natural History of Microcavia niata in the High Andean Zone of Northern Chile. Journal of Mammalogy, 1993, 74, 136-140.	1.3	18
118	First Intermediate Host of the Digenean Trematode Proctoeces lintoni (Fellodistomidae) in Chile. Journal of Parasitology, 2009, 95, 1408-1414.	0.7	18
119	Predicting effects of ecosystem engineering on species richness along primary productivity gradients. Acta Oecologica, 2010, 36, 46-54.	1.1	18
120	Population dynamics of the vicuÃ±a (Vicugna vicugna): density-dependence, rainfall, and spatial distribution. Journal of Mammalogy, 2012, 93, 658-666.	1.3	18
121	A Continuum of Specialists and Generalists in Empirical Communities. PLoS ONE, 2015, 10, e0114674.	2.5	18
122	Bacterial community structure in a sympagic habitat expanding with global warming: brackish ice brine at 85â€“90 Â°N. ISME Journal, 2019, 13, 316-333.	9.8	18
123	Can environmental impact assessments alone conserve freshwater fish biota? Review of the Chilean experience. Environmental Impact Assessment Review, 2017, 63, 87-94.	9.2	17
124	An Open-System Approach to Complex Biological Networks. SIAM Journal on Applied Mathematics, 2019, 79, 619-640.	1.8	17
125	Small mammals of the Atacama Desert (Chile). Journal of Arid Environments, 1999, 42, 129-135.	2.4	16
126	Dispersal and transient dynamics in metapopulations. Ecology Letters, 2003, 6, 197-204.	6.4	16

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127	The macroecology of fish migration. Global Ecology and Biogeography, 2021, 30, 99-116.	5.8	16
128	Selective extinction of late Neogene bivalves on the temperate Pacific coast of South America. Paleobiology, 2007, 33, 455-468.	2.0	16
129	The search for general principles in ecology. Nature, 2002, 418, 723-723.	27.8	15
130	Modelling the current and future biodiversity distribution in the Chilean Mediterranean hotspot. The role of protected areas network in a warmer future. Diversity and Distributions, 2019, 25, 1897-1909.	4.1	15
131	Survival of species in patchy landscapes: percolation in space and time. , 2007, , 409-440.		14
132	Mammal and butterfly species richness in Chile: taxonomic covariation and history. Revista Chilena De Historia Natural, 2009, 82, .	1.2	14
133	Insights on fostering the emergence of robust conservation actions from Zimbabwe's CAMPFIRE program. Global Ecology and Conservation, 2019, 17, e00538.	2.1	14
134	ECOLOGY: Untangling an Entangled Bank. Science, 2005, 307, 684-686.	12.6	13
135	Niche Relationships between Two Sympatric Liolaemus Lizards in a Fluctuating Environment: The "Lean" versus "Feast" Scenario. Journal of Herpetology, 1989, 23, 22.	0.5	12
136	Ecology of Garthia gaudichaudi, a Gecko Endemic to the Semiarid Region of Chile. Journal of Herpetology, 1990, 24, 431.	0.5	12
137	Spatiotemporal Variability of Rodent Subpopulations at a Semiarid Neotropical Locality. Journal of Mammalogy, 1997, 78, 505-513.	1.3	12
138	Decomposing recruitment limitation for an avianâ€dispersed rain forest tree in an anciently fragmented landscape. Journal of Ecology, 2013, 101, 1439-1448.	4.0	12
139	Letâ€™s Train More Theoretical Ecologists â€“ Here Is Why. Trends in Ecology and Evolution, 2019, 34, 759-762.	8.7	12
140	Assessing the Causes Behind the Late Quaternary Extinction of Horses in South America Using Species Distribution Models. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	12
141	Conservation planning for people and nature in a Chilean biodiversity hotspot. People and Nature, 2021, 3, 686-699.	3.7	12
142	Reconstructing the history of human impacts on coastal biodiversity in Chile: constraints and opportunities. Aquatic Conservation: Marine and Freshwater Ecosystems, 2010, 20, 74-82.	2.0	11
143	On the Importance of First Principles in Ecological Theory Development. BioScience, 2015, 65, 342-343.	4.9	11
144	Priority questions for biodiversity conservation in the Mediterranean biome: Heterogeneous perspectives across continents and stakeholders. Conservation Science and Practice, 2019, 1, e118.	2.0	11

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145	Shifts in habitat suitability and the conservation status of the Endangered Andean cat Leopardus jacobita under climate change scenarios. Oryx, 2019, 53, 356-367.	1.0	11
146	Violence in hunters, fishermen, and gatherers of the Chinchorro culture: Archaic societies of the Atacama Desert (10,000â€“4,000 cal yr BP). American Journal of Physical Anthropology, 2020, 172, 227-245.	2.1	11
147	The avifauna of Bosque Fray Jorge National Park and Chile's Norte Chico. Journal of Arid Environments, 2016, 126, 23-36.	2.4	10
148	Species dispersal and biodiversity in human-dominated metacommunities. Journal of Theoretical Biology, 2018, 457, 199-210.	1.7	10
149	Azorella Cushion Plants and Aridity are Important Drivers of Soil Microbial Communities in Andean Ecosystems. Ecosystems, 2021, 24, 1576-1590.	3.4	10
150	Violence among the first horticulturists in the atacama desert (1000 BCE â€“ 600 CE). Journal of Anthropological Archaeology, 2021, 63, 101324.	1.6	10
151	Altitudinal zonation among lizards of the genus Liolaemus: questions answered and unanswered questions. Revista Chilena De Historia Natural, 2001, 74, 313.	1.2	9
152	Range structure analysis: unveiling the internal structure of speciesâ€™ ranges. Theoretical Ecology, 2013, 6, 419-426.	1.0	9
153	On the proportional abundance of species: Integrating population genetics and community ecology. Scientific Reports, 2017, 7, 16815.	3.3	9
154	Population extinction risks of three Neotropical small mammal species. Oecologia, 1998, 115, 120-126.	2.0	8
155	Threshold Parameters and Metapopulation Persistence. Bulletin of Mathematical Biology, 1999, 61, 341-353.	1.9	8
156	Do microenvironmental changes disrupt multicellular organisation with ageing, enacting and favouring the cancer cell phenotype?. BioEssays, 2021, 43, e2000126.	2.5	8
157	Can Ecological Interactions be Inferred from Spatial Data?. Biodiversity Informatics, 2020, 15, 11-54.	3.0	8
158	Geographic Energetics of the Andean Mouse, Abrothrix andinus. Journal of Mammalogy, 1999, 80, 205-209.	1.3	7
159	Diversity emerging: from competitive exclusion to neutral coexistence in ecosystems. Theoretical Ecology, 2012, 5, 457-463.	1.0	7
160	Soil microbial abundance and activity across forefield glacier chronosequence in the Northern Patagonian Ice Field, Chile. Arctic, Antarctic, and Alpine Research, 2020, 52, 553-562.	1.1	7
161	Coexistence in metacommunities: A tree-species model. Mathematical Biosciences, 2006, 202, 42-56.	1.9	6
162	Integrating macroecology through a statistical mechanics of adaptive matter. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10523-10525.	7.1	6

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163	A 19 Year Analysis of Small Mammals Associated with Human Hantavirus Cases in Chile. Viruses, 2019, 11, 848.	3.3	6
164	Navigating transformation of biodiversity and climate. Science Advances, 2019, 5, eaba0969.	10.3	6
165	The dynamics of technological change under constraints: Adopters and resources. Discrete and Continuous Dynamical Systems - Series B, 2014, 19, 3299-3317.	0.9	6
166	Single species dynamics under climate change. Theoretical Ecology, 2017, 10, 181-193.	1.0	5
167	Nonequilibrium evolution of volatility in origination and extinction explains fat-tailed fluctuations in Phanerozoic biodiversity. Science Advances, 2019, 5, eaat0122.	10.3	5
168	Reconstructing ecological networks with noisy dynamics. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20190739.	2.1	5
169	What Is the Species Richness Distribution?. , 2020, , 177-188.		5
170	Reply to van Leeuwen et al.: Planning for agricultural adaptation to climate change and its consequences for conservation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3053.	7.1	4
171	A metabolic view of amphibian local community structure: the role of activation energy. Ecography, 2018, 41, 388-400.	4.5	4
172	Phenological modularity in amphibian calling behaviour: Geographic trends and local determinants. Austral Ecology, 2019, 44, 1451-1462.	1.5	4
173	Main drivers of freshwater fish diversity across extra-tropical Southern Hemisphere rivers. Hydrobiologia, 2019, 843, 155-172.	2.0	4
174	Coexistence, dispersal and spatial structure in metacommunities: a stochastic model approach. Theoretical Ecology, 2021, 14, 279-302.	1.0	4
175	Geographical ecology of South American desert small mammals: consequences of observations at local and regional scales. Global Ecology and Biogeography, 2000, 9, 219-223.	5.8	3
176	Exclusion of small mammals and lagomorphs invasion interact with human-trampling to drive changes in topsoil microbial community structure and function in semiarid Chile. Soil Biology and Biochemistry, 2018, 124, 1-10.	8.8	3
177	Indigenous rights to Patagonia's Guafo island. Science, 2020, 370, 669-670.	12.6	3
178	Protected-Area Management and Climate Change. , 0, , 283-293.		3
179	Beyond Darwin: On the role of niche construction and self-organization in evolution. Revista Chilena De Historia Natural, 2009, 82, .	1.2	3
180	ACTA DE TARAPACÃ• “PUEBLO SIN AGUA, PUEBLO MUERTO”. Chungara, 2018, 50, 0-0.	0.1	3

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181	Climate and diversity: the role of history. , 2007, , 225-245.		2
182	Phylogeny of the genera Euclidiodes and Hasodima (Lepidoptera: Geometridae) and description of two new species from the Fray Jorge relict forest in northern Chile. Zootaxa, 2009, 2273, 59-68.	0.5	2
183	Microsatellite markers for the relict tree Aextoxicon punctatum: The only species in the Chilean endemic family Aextoxicaceae. American Journal of Botany, 2011, 98, e30-2.	1.7	2
184	Stationary state structure of a random copying mechanism over a complex network. Physica A: Statistical Mechanics and Its Applications, 2005, 353, 674-684.	2.6	1
185	Finite size scaling in the local abundances of geographic populations. Biological Research, 2011, 44, 107-112.	3.4	1
186	On the relationship between trophic position, body mass and temperature: reformulating the energy limitation hypothesis. Oikos, 2007, 116, 1524-1530.	2.7	1
187	Southern temperate biota and ecosystems: past, present and future. Trends in Ecology and Evolution, 1997, 12, 294-295.	8.7	0
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