

# Peter L Meserve

## List of Publications by Year in descending order

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36  
papers

2,154  
citations

257101

24  
h-index

344852

36  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2413  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extreme climatic events shape arid and semiarid ecosystems. <i>Frontiers in Ecology and the Environment</i> , 2006, 4, 87-95.	1.9	380
2	Thirteen Years of Shifting Top-Down and Bottom-Up Control. <i>BioScience</i> , 2003, 53, 633.	2.2	217
3	A Long-Term Study of Vertebrate Predator Responses to an El Niño (ENSO) Disturbance in Western South America. <i>Oikos</i> , 1997, 78, 341.	1.2	161
4	Population dynamics of two sympatric rodents in a variable environment: rainfall, resource availability, and predation. <i>Ecology</i> , 2009, 90, 1996-2006.	1.5	122
5	Spatial distribution of soil nutrients and ephemeral plants underneath and outside the canopy of <i>Porlieria chilensis</i> shrubs (Zygophyllaceae) in arid coastal Chile. <i>Oecologia</i> , 1993, 95, 347-352.	0.9	119
6	Assessing the Impact of Competition on Community Assembly: A Case Study using Small Mammals. <i>Ecology</i> , 1995, 76, 1283-1296.	1.5	117
7	Extreme climatic events change the dynamics and invasibility of semi-arid annual plant communities. <i>Ecology Letters</i> , 2011, 14, 1227-1235.	3.0	100
8	Role of Biotic Interactions in a Small Mammal Assemblage in Semiarid Chile. <i>Ecology</i> , 1996, 77, 133-148.	1.5	80
9	Variation in soil micro-organisms and nutrients underneath and outside the canopy of <i>Adesmia bedwellii</i> (Papilionaceae) shrubs in arid coastal Chile following drought and above average rainfall. <i>Journal of Arid Environments</i> , 1999, 42, 61-70.	1.2	77
10	El Niño effects on soil seed bank dynamics in north-central Chile. <i>Oecologia</i> , 2003, 134, 511-517.	0.9	74
11	Resource Partitioning in a Chilean Semi-Arid Small Mammal Community. <i>Journal of Animal Ecology</i> , 1981, 50, 745.	1.3	59
12	SMALL-MAMMAL FORAGING BEHAVIOR: MECHANISMS FOR COEXISTENCE AND IMPLICATION FOR POPULATION DYNAMICS. <i>Ecological Monographs</i> , 2002, 72, 561-577.	2.4	54
13	Spatial Ecology of Small Mammals in North-central Chile: Role of Precipitation and Refuges. <i>Journal of Mammalogy</i> , 2007, 88, 1532-1538.	0.6	52
14	The Interplay of Biotic and Abiotic Factors in a Semiarid Chilean Mammal Assemblage: Results of a Long-Term Experiment. <i>Oikos</i> , 1999, 85, 364.	1.2	49
15	Seed removal by small mammals, birds and ants in semi-arid Chile, and comparison with other systems. <i>Journal of Biogeography</i> , 2004, 31, 931-942.	1.4	49
16	FORAGING ECOLOGY OF SMALL MAMMALS IN SEMIARID CHILE: THE INTERPLAY OF BIOTIC AND ABIOTIC EFFECTS. <i>Ecology</i> , 2004, 85, 383-397.	1.5	44
17	Results of a food addition experiment in a north-central Chile small mammal assemblage: evidence for the role of "bottom-up" factors. <i>Oikos</i> , 2001, 94, 548-556.	1.2	41
18	Effects of More Frequent and Prolonged El Niño Events on Life-History Parameters of the Degu, a Long-Lived and Slow-Reproducing Rodent. <i>Conservation Biology</i> , 2010, 24, 18-28.	2.4	41

#	ARTICLE	IF	CITATIONS
19	Long-term research in Bosque Fray Jorge National Park: Twenty years studying the role of biotic and abiotic factors in a Chilean semiarid scrubland. <i>Revista Chilena De Historia Natural</i> , 2010, 83, .	0.5	40
20	Global climate change and small mammal populations in north-central Chile. <i>Journal of Mammalogy</i> , 2011, 92, 1223-1235.	0.6	40
21	Seed predation by birds and small mammals in semiarid Chile. <i>Oikos</i> , 2004, 104, 133-141.	1.2	36
22	Primary production dynamics and climate variability: ecological consequences in semiarid Chile. <i>Global Change Biology</i> , 2009, 15, 1116-1126.	4.2	30
23	Bottom-up control of consumers leads to top-down indirect facilitation of invasive annual herbs in semiarid Chile. <i>Ecology</i> , 2011, 92, 282-288.	1.5	30
24	Rainfall, microhabitat, and small mammals influence the abundance and distribution of soil microorganisms in a Chilean semi-arid shrubland. <i>Journal of Arid Environments</i> , 2016, 126, 37-46.	1.2	28
25	Biotic interactions and community dynamics in the semiarid thorn scrub of Bosque Fray Jorge National Park, north-central Chile: A paradigm revisited. <i>Journal of Arid Environments</i> , 2016, 126, 81-88.	1.2	16
26	Density and biomass responses of ephemeral plants to experimental exclusions of small mammals and their vertebrate predators in the Chilean semiarid zone. <i>Journal of Arid Environments</i> , 2000, 45, 173-181.	1.2	15
27	Patterns in arthropod abundance and biomass in the semiarid thorn scrub of Bosque Fray Jorge National Park, north-central Chile: A preliminary assessment. <i>Journal of Arid Environments</i> , 2016, 126, 68-75.	1.2	13
28	Shrub-ephemeral plants interactions in semiarid north-central Chile: Is the nurse plant syndrome manifested at the community level?. <i>Journal of Arid Environments</i> , 2016, 126, 47-53.	1.2	13
29	Long-term field studies on rodents. <i>Journal of Mammalogy</i> , 2017, 98, 642-651.	0.6	11
30	The avifauna of Bosque Fray Jorge National Park and Chile's Norte Chico. <i>Journal of Arid Environments</i> , 2016, 126, 23-36.	1.2	10
31	Status and challenges for conservation of small mammal assemblages in South America. <i>Biological Reviews</i> , 2014, 89, 705-722.	4.7	9
32	Twenty-five years of research in the north-central Chilean semiarid zone: The Fray Jorge Long-Term Socio-Ecological Research (LTSER) site and Norte Chico. <i>Journal of Arid Environments</i> , 2016, 126, 1-6.	1.2	7
33	Bet-hedging strategies of native and exotic annuals promote coexistence in semiarid Chile. <i>Journal of Arid Environments</i> , 2016, 126, 62-67.	1.2	7
34	Energetic compensation is historically contingent and not supported for small mammals in South American or Asian deserts. <i>Ecology</i> , 2015, 96, 1702-1712.	1.5	5
35	Species interactions across trophic levels mediate rainfall effects on dryland vegetation dynamics. <i>Ecological Monographs</i> , 2021, 91, e01441.	2.4	5
36	Exclusion of small mammals and lagomorphs invasion interact with human-trampling to drive changes in topsoil microbial community structure and function in semiarid Chile. <i>Soil Biology and Biochemistry</i> , 2018, 124, 1-10.	4.2	3