

Tamar Dayan

List of Publications by Year in descending order

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Version: 2024-02-01

125
papers

7,817
citations

53794

45
h-index

54911

84
g-index

126
all docs

126
docs citations

126
times ranked

7757
citing authors

#	ARTICLE	IF	CITATIONS
1	In Its Southern Edge of Distribution, the Tawny Owl (<i>Strix aluco</i>) Is More Sensitive to Extreme Temperatures Than to Rural Development. <i>Animals</i> , 2022, 12, 641.	2.3	6
2	Predictive modelling in paleoenvironmental reconstruction: The micromammals of Manot Cave, Israel. <i>Journal of Human Evolution</i> , 2021, 160, 102652.	2.6	19
3	Risk regulation and precaution in Europe and the United States: the case of bioinvasion. <i>Policy Sciences</i> , 2021, 54, 3-20.	2.8	2
4	Drivers of Infectious Disease Seasonality: Potential Implications for COVID-19. <i>Journal of Biological Rhythms</i> , 2021, 36, 35-54.	2.6	45
5	A model of digestive tooth corrosion in lizards: experimental tests and taphonomic implications. <i>Scientific Reports</i> , 2021, 11, 12877.	3.3	8
6	Spatial Scale Mismatches in the EU Agri-Biodiversity Conservation Policy. The Case for a Shift to Landscape-Scale Design. <i>Land</i> , 2021, 10, 846.	2.9	7
7	Environmental policy expansion in the EU: the intriguing case of bioinvasion regulation. <i>Journal of Environmental Policy and Planning</i> , 2020, 22, 315-327.	2.8	3
8	Barn owls as biological control agents: potential risks to non-target rare and endangered species. <i>Animal Conservation</i> , 2020, 23, 646-659.	2.9	7
9	Effect of piscivorous and omnivorous colonial birds' activity on structure, abundance and diversity of soil free-living nematodes. Preliminary results from a study of the impact of avifauna on soil biota in Israel's Mediterranean Coastal Plain. <i>Ecological Indicators</i> , 2019, 107, 105211.	6.3	6
10	Increased songbird nest depredation due to Aleppo pine (<i>Pinus halepensis</i>) encroachment in Mediterranean shrubland. <i>BMC Ecology</i> , 2019, 19, 52.	3.0	7
11	Time and ecological resilience: can diurnal animals compensate for climate change by shifting to nocturnal activity?. <i>Ecological Monographs</i> , 2019, 89, e01334.	5.4	79
12	What determines prey selection in owls? Roles of prey traits, prey class, environmental variables, and taxonomic specialization. <i>Ecology and Evolution</i> , 2018, 8, 3382-3392.	1.9	21
13	From micromammals to paleoenvironments. <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 2159-2171.	1.8	11
14	Taphonomic signatures of owls: New insights into micromammal assemblages. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 492, 81-91.	2.3	18
15	Mediterranean fruit fly subplot hot spots prediction by experts' experience. <i>Journal of Applied Entomology</i> , 2018, 142, 371-379.	1.8	3
16	Fitness effects of interspecific competition between two species of desert rodents. <i>Zoology</i> , 2018, 128, 62-68.	1.2	3
17	Increased mammal nocturnality in agricultural landscapes results in fragmentation due to cascading effects. <i>Biological Conservation</i> , 2018, 226, 32-41.	4.1	62
18	Opportunism or aquatic specialization? Evidence of freshwater fish exploitation at Ohalo II- A waterlogged Upper Paleolithic site. <i>PLoS ONE</i> , 2018, 13, e0198747.	2.5	18

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19	Fine-scale temporal and spatial population fluctuations of medium sized carnivores in a Mediterranean agricultural matrix. <i>Landscape Ecology</i> , 2017, 32, 1243.	4.2	13
20	Wet sieving a complex tell : Implications for retrieval protocols and studies of animal economy in historical periods. <i>Journal of Archaeological Science</i> , 2017, 82, 72-79.	2.4	7
21	Cattle grazing effects on mountain gazelles in Mediterranean natural landscapes. <i>Journal of Wildlife Management</i> , 2017, 81, 1351-1362.	1.8	7
22	Interbasin water transfer for the rehabilitation of a transboundary Mediterranean stream: An economic analysis. <i>Journal of Environmental Management</i> , 2017, 202, 276-286.	7.8	17
23	Temporal niche expansion in mammals from a nocturnal ancestor after dinosaur extinction. <i>Nature Ecology and Evolution</i> , 2017, 1, 1889-1895.	7.8	82
24	The pet and horticultural trades as introduction and dispersal agents of non-indigenous freshwater molluscs. <i>Management of Biological Invasions</i> , 2017, 8, 523-532.	1.2	10
25	Priority Questions and Horizon Scanning for Conservation: A Comparative Study. <i>PLoS ONE</i> , 2016, 11, e0145978.	2.5	16
26	Human Hunting and Nascent Animal Management at Middle Pre-Pottery Neolithic Yiftah'el, Israel. <i>PLoS ONE</i> , 2016, 11, e0156964.	2.5	40
27	Foraging Activity Pattern Is Shaped by Water Loss Rates in a Diurnal Desert Rodent. <i>American Naturalist</i> , 2016, 188, 205-218.	2.1	42
28	Explaining Transatlantic Policy Divergence: The Role of Domestic Politics and Policy Styles in Nanotechnology Risk Regulation. <i>Global Environmental Politics</i> , 2016, 16, 79-98.	3.0	9
29	Geography and Economic Preferences as Cultural Markers in a Border Town: The Faunal Remains from Tel Bethâ€šhemesh, Israel. <i>International Journal of Osteoarchaeology</i> , 2015, 25, 414-425.	1.2	11
30	European risk governance of nanotechnology: Explaining the emerging regulatory policy. <i>Research Policy</i> , 2015, 44, 1527-1536.	6.4	30
31	Using the ecosystem services concept to analyse stakeholder involvement in wetland management. <i>Wetlands Ecology and Management</i> , 2015, 23, 241-256.	1.5	16
32	The role of the state in regulatory policy for nanomaterials risk: Analyzing the expansion of state-centric rulemaking in EU and US chemicals policies. <i>Research Policy</i> , 2014, 43, 169-178.	6.4	22
33	Food, Economy, and Culture at Tel Dor, Israel: A Diachronic Study of Faunal Remains from 15 Centuries of Occupation. <i>Bulletin of the American Schools of Oriental Research</i> , 2014, 371, 83-101.	0.2	20
34	Thermal Ecology, Environments, Communities, and Global Change: Energy Intake and Expenditure in Endotherms. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2013, 44, 461-480.	8.3	42
35	Chronobiology by moonlight. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20123088.	2.6	140
36	Foraging sequence, energy intake and torpor: an individualâ€šbased field study of energy balancing in desert golden spiny mice. <i>Ecology Letters</i> , 2012, 15, 1240-1248.	6.4	21

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37	Biophysical Modeling of the Temporal Niche: From First Principles to the Evolution of Activity Patterns. <i>American Naturalist</i> , 2012, 179, 794-804.	2.1	33
38	Understanding faunal contexts of a complex Tell: Tel Dor, Israel, as a case study. <i>Journal of Archaeological Science</i> , 2012, 39, 590-601.	2.4	8
39	The relative performance of taxonomic vs. environmental indicators for local biodiversity assessment: A comparative study. <i>Ecological Indicators</i> , 2012, 15, 171-180.	6.3	13
40	Interspecific displacement mechanisms by the invasive little fire ant <i>Wasmannia auropunctata</i> . <i>Biological Invasions</i> , 2012, 14, 851-861.	2.4	20
41	Light Masking in the Field: An Experiment with Nocturnal and Diurnal Spiny Mice Under Semi-natural Field Conditions. <i>Chronobiology International</i> , 2011, 28, 70-75.	2.0	25
42	Habitat preferences of the Levant Green Lizard, <i>Lacerta media israelica</i> (Peters, 1964). <i>Zoology in the Middle East</i> , 2011, 52, 17-28.	0.6	5
43	Effect of artificial night lighting on temporally partitioned spiny mice. <i>Journal of Mammalogy</i> , 2011, 92, 159-168.	1.3	73
44	Adaptive Thermoregulation in Golden Spiny Mice: The Influence of Season and Food Availability on Body Temperature. <i>Physiological and Biochemical Zoology</i> , 2011, 84, 175-184.	1.5	44
45	The Effect of the Lunar Cycle on Fecal Cortisol Metabolite Levels and Foraging Ecology of Nocturnally and Diurnally Active Spiny Mice. <i>PLoS ONE</i> , 2011, 6, e23446.	2.5	25
46	Interspecific Competition and Torpor in Golden Spiny Mice: Two Sides of the Energy-Acquisition Coin. <i>Integrative and Comparative Biology</i> , 2011, 51, 441-448.	2.0	29
47	Ecosystem service trade-offs in wetland management: drainage and rehabilitation of the Hula, Israel. <i>Hydrological Sciences Journal</i> , 2011, 56, 1582-1601.	2.6	22
48	The Evolution of Maximum Body Size of Terrestrial Mammals. <i>Science</i> , 2010, 330, 1216-1219.	12.6	252
49	The little fire ant <i>Wasmannia auropunctata</i> : a new invasive species in the Middle East and its impact on the local arthropod fauna. <i>Biological Invasions</i> , 2010, 12, 1825-1837.	2.4	48
50	The role of regulatory decision-making on non-indigenous species introductions. <i>Biological Invasions</i> , 2010, 12, 2815-2824.	2.4	3
51	Saproxylic beetle assemblages in the Mediterranean region: Impact of forest management on richness and structure. <i>Forest Ecology and Management</i> , 2010, 259, 1376-1384.	3.2	34
52	At the interface of historical and present-day ecology: ground beetles in woodlands and open habitats in Upper Galilee (Israel). <i>Zoology in the Middle East</i> , 2009, 47, 93-104.	0.6	5
53	Non-indigenous land and freshwater gastropods in Israel. <i>Biological Invasions</i> , 2009, 11, 1963-1972.	2.4	44
54	The interplay between genetic and environmental effects on colony insularity in the clonal invasive little fire ant <i>Wasmannia auropunctata</i> . <i>Behavioral Ecology and Sociobiology</i> , 2009, 63, 1667-1677.	1.4	24

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55	Global change and carnivore body size: data are stasis. <i>Global Ecology and Biogeography</i> , 2009, 18, 240-247.	5.8	50
56	Arthropods as a prey resource: Patterns of diel, seasonal, and spatial availability. <i>Journal of Arid Environments</i> , 2009, 73, 458-462.	2.4	23
57	Gazelle exploitation in the early Neolithic site of Motza, Israel: the last of the gazelle hunters in the southern Levant. <i>Journal of Archaeological Science</i> , 2009, 36, 1538-1546.	2.4	37
58	Ya'ar Bar'am "An old <i>Quercus calliprinos</i> forest of high nature conservation value in the Mediterranean region of Israel. <i>Israel Journal of Plant Sciences</i> , 2009, 57, 13-23.	0.5	3
59	Life on the edge: carnivore body size variation is all over the place. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1469-1476.	2.6	22
60	Non-indigenous terrestrial vertebrates in Israel and adjacent areas. <i>Biological Invasions</i> , 2008, 10, 659-672.	2.4	23
61	Using spatially expanding populations as a tool for evaluating landscape planning: The reintroduced Persian fallow deer as a case study. <i>Journal for Nature Conservation</i> , 2008, 16, 164-174.	1.8	16
62	The living and the dead: How do taphonomic processes modify relative abundance and skeletal completeness of freshwater fish?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 258, 292-316.	2.3	43
63	Activity patterns of rodents: the physiological ecology of biological rhythms. <i>Biological Rhythm Research</i> , 2008, 39, 193-211.	0.9	65
64	Saproxylic beetle assemblages of three managed oak woodlands in the Eastern Mediterranean. <i>Zoology in the Middle East</i> , 2008, 45, 55-66.	0.6	17
65	FOCUS: on the use of the petrous bone for estimating cranial abundance in fossil assemblages. <i>Journal of Archaeological Science</i> , 2007, 34, 1356-1360.	2.4	16
66	The Relationship between the Golden Spiny Mouse Circadian System and Its Diurnal Activity: An Experimental Field Enclosures and Laboratory Study. <i>Chronobiology International</i> , 2007, 24, 599-613.	2.0	73
67	Guild composition and mustelid morphology " character displacement but no character release. <i>Journal of Biogeography</i> , 2007, 34, 2148-2158.	3.0	22
68	Reliability of a Higher-Taxon Approach to Richness, Rarity, and Composition Assessments at the Local Scale. <i>Conservation Biology</i> , 2007, 21, 1506-1515.	4.7	44
69	Non-indigenous insect species in Israel and adjacent areas. <i>Biological Invasions</i> , 2007, 9, 629-643.	2.4	18
70	Characteristics of the introduced fish fauna of Israel. <i>Biological Invasions</i> , 2007, 9, 813-824.	2.4	33
71	The generality of the island rule reexamined. <i>Journal of Biogeography</i> , 2006, 33, 1571-1577.	3.0	126
72	On the role of phylogeny in determining activity patterns of rodents. <i>Evolutionary Ecology</i> , 2006, 20, 479-490.	1.2	108

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73	CAN AGGRESSION BE THE FORCE DRIVING TEMPORAL SEPARATION BETWEEN COMPETING COMMON AND GOLDEN SPINY MICE?. <i>Journal of Mammalogy</i> , 2006, 87, 48-53.	1.3	15
74	Planning for Biodiversity: the Role of Ecological Impact Assessment. <i>Conservation Biology</i> , 2005, 19, 1254-1261.	4.7	46
75	Demographic Models and Reality in Reintroductions: Persian Fallow Deer in Israel. <i>Conservation Biology</i> , 2005, 19, 131-138.	4.7	68
76	Ecological and community-wide character displacement: the next generation. <i>Ecology Letters</i> , 2005, 8, 875-894.	6.4	493
77	Area, isolation and body size evolution in insular carnivores. <i>Ecology Letters</i> , 2005, 8, 1211-1217.	6.4	62
78	Biogeographical patterns in the Western Palearctic: the fasting-endurance hypothesis and the status of Murphy's rule. <i>Journal of Biogeography</i> , 2005, 32, 369-375.	3.0	31
79	Variability and correlations in carnivore crania and dentition. <i>Functional Ecology</i> , 2005, 19, 337-343.	3.6	79
80	PERSIAN FALLOW DEER. <i>Bulletin of the Ecological Society of America</i> , 2005, 86, 121-123.	0.2	0
81	Issues and dilemmas in ecological scoping: scientific, procedural and economic perspectives. <i>Impact Assessment and Project Appraisal</i> , 2005, 23, 55-63.	1.8	20
82	Micromammal taphonomy of el-Wad Terrace, Mount Carmel, Israel: distinguishing cultural from natural depositional agents in the Late Natufian. <i>Journal of Archaeological Science</i> , 2005, 32, 1-17.	2.4	58
83	VARIABILITY AND SEXUAL SIZE DIMORPHISM IN CARNIVORES: TESTING THE NICHE VARIATION HYPOTHESIS. <i>Ecology</i> , 2005, 86, 1432-1440.	3.2	73
84	TEMPORAL PARTITIONING: AN EXPERIMENT WITH TWO SPECIES OF SPINY MICE. <i>Ecology</i> , 2005, 86, 164-173.	3.2	82
85	Carnivores, biases and Bergmann's rule. <i>Biological Journal of the Linnean Society</i> , 2004, 81, 579-588.	1.6	118
86	Body Size of Insular Carnivores: Little Support for the Island Rule. <i>American Naturalist</i> , 2004, 163, 469-479.	2.1	118
87	The Natufian economy at el-Wad Terrace with special reference to gazelle exploitation patterns. <i>Journal of Archaeological Science</i> , 2004, 31, 217-231.	2.4	48
88	Analyzing the process of domestication: Hagoshrim as a case study. <i>Journal of Archaeological Science</i> , 2004, 31, 1587-1601.	2.4	37
89	Similarity of Mammalian Body Size across the Taxonomic Hierarchy and across Space and Time. <i>American Naturalist</i> , 2004, 163, 672-691.	2.1	173
90	On the validity of Bergmann's rule. <i>Journal of Biogeography</i> , 2003, 30, 331-351.	3.0	662

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91	Partitioning of Time as an Ecological Resource. Annual Review of Ecology, Evolution, and Systematics, 2003, 34, 153-181.	8.3	697
92	BODY MASS OF LATE QUATERNARY MAMMALS. Ecology, 2003, 84, 3403-3403.	3.2	393
93	Testing the use of multivariate inter-site taphonomic comparisons: the faunal analysis of Hefzibah in its Epipalaeolithic cultural context. Journal of Archaeological Science, 2003, 30, 885-900.	2.4	47
94	Variation and covariation of skulls and teeth: modern carnivores and the interpretation of fossil mammals. Paleobiology, 2002, 28, 508-526.	2.0	69
95	“After 20 Years” A Taphonomic Re-evaluation of Nahal Hadera V, an Epipalaeolithic Site on the Israeli Coastal Plain. Journal of Archaeological Science, 2002, 29, 145-156.	2.4	29
96	COEXISTENCE OF TEMPORALLY PARTITIONED SPINY MICE: ROLES OF HABITAT STRUCTURE AND FORAGING BEHAVIOR. Ecology, 2001, 82, 2164-2176.	3.2	97
97	WEASELS FROM THE HELLENISTIC PERIOD OF ISRAEL. Israel Journal of Zoology, 2001, 47, 271-274.	0.2	4
98	Fish Processing During the Early Holocene: A Taphonomic Case Study from Coastal Israel. Journal of Archaeological Science, 2001, 28, 1041-1053.	2.4	70
99	Temporal partitioning among diurnally and nocturnally active desert spiny mice: energy and water turnover costs. Journal of Thermal Biology, 2001, 26, 139-142.	2.5	36
100	RETINAL STRUCTURE AND FORAGING MICROHABITAT USE OF THE GOLDEN SPINY MOUSE (<i>ACOMYS</i>) IN ISRAEL. Journal of Zoology, 2000, 256, 1-10.	1.3	28
101	Coexistence of Temporally Partitioned Spiny Mice: Roles of Habitat Structure and Foraging Behavior. Ecology, 2001, 82, 2164.	3.2	4
102	Title is missing!. Journal of Chemical Ecology, 2000, 26, 455-469.	1.8	51
103	Seasonal Thermogenic Acclimation of Diurnally and Nocturnally Active Desert Spiny Mice. Physiological and Biochemical Zoology, 2000, 73, 37-44.	1.5	91
104	CHARACTER DISPLACEMENT AND RELEASE IN THE SMALL INDIAN MONGOOSE, <i>HERPESTES JAVANICUS</i> . Ecology, 2000, 81, 2086-2099.	3.2	110
105	POPULATION BIOLOGY AND SPATIAL RELATIONSHIPS OF COEXISTING SPINY MICE (<i>ACOMYS</i>) IN ISRAEL. Journal of Mammalogy, 2000, 81, 1046-1052.	1.3	48
106	Character Displacement and Release in the Small Indian Mongoose, <i>Herpestes javanicus</i> . Ecology, 2000, 81, 2086.	3.2	49
107	Ecological and histological aspects of tail loss in spiny mice (Rodentia: Muridae, <i>Acomys</i>) with a review of its occurrence in rodents. Journal of Zoology, 1999, 249, 187-193.	1.7	58
108	Differential behavioural and hormonal responses of voles and spiny mice to owl calls. Animal Behaviour, 1999, 58, 1085-1093.	1.9	112

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109	Telemetric field studies of body temperature and activity rhythms of <i>Acomys russatus</i> and <i>A. cahirinus</i> in the Judean Desert of Israel. <i>Oecologia</i> , 1999, 119, 484-492.	2.0	35
110	The dietary basis for temporal partitioning: food habits of coexisting <i>Acomys</i> species. <i>Oecologia</i> , 1999, 121, 123-128.	2.0	99
111	The Epipalaeolithic Faunal Sequence in Israel: A View from Neve David. <i>Journal of Archaeological Science</i> , 1999, 26, 67-82.	2.4	45
112	Size patterns among competitors: ecological character displacement and character release in mammals, with special reference to island populations. <i>Mammal Review</i> , 1998, 28, 99-124.	4.8	164
113	A New Method of Determining Diets of Rodents. <i>Journal of Mammalogy</i> , 1998, 79, 1198-1202.	1.3	15
114	Predicting Grey Triggerfish Body Size from Bones. <i>International Journal of Osteoarchaeology</i> , 1997, 7, 150-156.	1.2	14
115	Community-Wide Assembly Patterns Unmasked: The Importance of Species' Differing Geographical Ranges. <i>American Naturalist</i> , 1996, 148, 997-1015.	2.1	77
116	Natufian gazelles: Proto-domestication reconsidered. <i>Journal of Archaeological Science</i> , 1995, 22, 671-675.	2.4	13
117	Carnivore Diversity in the Late Quaternary of Israel. <i>Quaternary Research</i> , 1994, 41, 343-349.	1.7	15
118	Character Displacement, Sexual Dimorphism, and Morphological Variation among British and Irish Mustelids. <i>Ecology</i> , 1994, 75, 1063-1073.	3.2	187
119	Early Domesticated Dogs of the Near East. <i>Journal of Archaeological Science</i> , 1994, 21, 633-640.	2.4	88
120	Morphological Relationships Among Coexisting Heteromyids: An Incisive Dental Character. <i>American Naturalist</i> , 1994, 143, 462-477.	2.1	80
121	The Impact of Quaternary Paleoclimatic Change on the Carnivores of Israel. <i>Water Science and Technology</i> , 1993, 27, 497-504.	2.5	0
122	Canine carnassials: character displacement in the wolves, jackals and foxes of Israel. <i>Biological Journal of the Linnean Society</i> , 1992, 45, 315-331.	1.6	98
123	Calibrating the paleothermometer: climate, communities, and the evolution of size. <i>Paleobiology</i> , 1991, 17, 189-199.	2.0	96
124	Feline Canines: Community-Wide Character Displacement Among the Small Cats of Israel. <i>American Naturalist</i> , 1990, 136, 39-60.	2.1	135
125	Inter- and Intraspecific Character Displacement in Mustelids. <i>Ecology</i> , 1989, 70, 1526-1539.	3.2	164