

David Saltz

List of Publications by Year in descending order

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Version: 2024-02-01

130
papers

6,089
citations

117625

34
h-index

82547

72
g-index

133
all docs

133
docs citations

133
times ranked

6802
citing authors

#	ARTICLE	IF	CITATIONS
1	Wildlife Management. , 2024, , 402-409.		1
2	The value of faecal N in monitoring dietary quality in desert ungulates: The Arabian oryx as a model. Journal of Arid Environments, 2022, 201, 104750.	2.4	2
3	Estimating the Suitability for the Reintroduced Arabian Oryx (<i>Oryx leucoryx</i> , Pallas 1777) of Two Desert Environments by NIRS-Aided Fecal Chemistry. Remote Sensing, 2021, 13, 1876.	4.0	5
4	Settling in: Reintroduced Persian Fallow Deer Adjust the Borders and Habitats of Their Home-Range During the First 5 Years Post Release. Frontiers in Conservation Science, 2021, 2, .	1.9	5
5	Finding a Home: Stopping Theory and Its Application to Home Range Establishment in a Novel Environment. Frontiers in Conservation Science, 2021, 2, .	1.9	3
6	Faecal pellets, rock shelters, and seasonality: The chemistry of stabling in the Negev of Israel in late prehistory. Journal of Arid Environments, 2020, 181, 104219.	2.4	9
7	Roads and Road-Posts as an Ecological Trap for Cavity Nesting Desert Birds. Frontiers in Conservation Science, 2020, 1, .	1.9	6
8	Long-term reevaluation of spatially explicit models as a means for adaptive wildlife management. Ecological Applications, 2020, 30, e02088.	3.8	3
9	The crucial but underrepresented role of philosophy in conservation science curricula. Conservation Biology, 2019, 33, 217-220.	4.7	10
10	The agricultural landscape matters: spider diversity and abundance in pomegranate orchards as a case study. BioControl, 2019, 64, 583-593.	2.0	8
11	Invisible barriers: anthropogenic impacts on inter- and intra-specific interactions as drivers of landscape-independent fragmentation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180049.	4.0	47
12	Conservation implications of habituation in Nubian ibex in response to ecotourism. Animal Conservation, 2019, 22, 220-227.	2.9	15
13	Effect of supplemental feeding on nesting success in the Lesser Kestrel (<i>Falco naumanni</i>). Israel Journal of Ecology and Evolution, 2019, 65, 71-76.	0.6	2
14	Nest-site fidelity in Lesser Kestrels: a case of Winâ€œStay/Loseâ€œShift?. Israel Journal of Ecology and Evolution, 2019, 65, 106-110.	0.6	1
15	Managing anthropogenic driven range expansion behaviourally: Mediterranean bats in desert ecosystems. European Journal of Wildlife Research, 2018, 64, 1.	1.4	8
16	Revealing lifeâ€œhistory traits by contrasting genetic estimations with predictions of effective population size. Conservation Biology, 2018, 32, 817-827.	4.7	5
17	Effect of nest-site microclimatic conditions on nesting success in the Lesser Kestrel <i>Falco naumanni</i> . Bird Study, 2018, 65, 444-450.	1.0	9
18	Unequal density dependence between survival and recruitment affects harvesting effectiveness. Journal of Wildlife Management, 2018, 82, 1756-1766.	1.8	5

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19	Increased mammal nocturnality in agricultural landscapes results in fragmentation due to cascading effects. <i>Biological Conservation</i> , 2018, 226, 32-41.	4.1	62
20	Changes in wildlife temporal niche should concern conservationists. , 2018, , .		0
21	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
22	Zebra migration strategies and anthrax in Etosha National Park, Namibia. <i>Ecosphere</i> , 2017, 8, e01925.	2.2	27
23	Cattle grazing effects on mountain gazelles in Mediterranean natural landscapes. <i>Journal of Wildlife Management</i> , 2017, 81, 1351-1362.	1.8	7
24	Evaluation of noninvasive genetic methods for Nubian ibex. <i>Conservation Genetics Resources</i> , 2017, 9, 181-183.	0.8	0
25	Inferring detailed space use from movement paths: A unifying, residence timeâ€based framework. <i>Ecology and Evolution</i> , 2017, 7, 8507-8514.	1.9	6
26	Endozoochory by the Persian fallow deer (<i>Dama mesopotamica</i>) reintroduced in Israel: species richness and germination success. <i>Israel Journal of Ecology and Evolution</i> , 2016, 63, 1-7.	0.6	0
27	Behavior-based management: using behavioral knowledge to improve conservation and management efforts. , 2016, , 147-148.		0
28	Learning and conservation behavior: an introduction and overview. , 2016, , 66-92.		10
29	Behavioral rigidity in the face of rapid anthropogenic changes. , 2016, , 95-120.		5
30	Anthropogenic impacts on behavior: the pros and cons of plasticity. , 2016, , 121-146.		4
31	The role of animal sensory perception in behavior-based management. , 2016, , 149-175.		10
32	Behavior-based management: conservation translocations. , 2016, , 212-246.		11
33	From individual behavior to population viability: implications for conservation and management. , 2016, , 247-274.		2
34	Manipulating animal behavior to ensure reintroduction success. , 2016, , 275-304.		33
35	Direct behavioral indicators as a conservation and management tool. , 2016, , 307-351.		13
36	Determinants of emigration and their impact on survival during dispersal in fox and jackal populations. <i>Scientific Reports</i> , 2016, 6, 24021.	3.3	15

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37	Introduction: the whys and the hows of conservation behavior. , 2016, , 3-35.		4
38	Research Priorities from Animal Behaviour for Maximising Conservation Progress. Trends in Ecology and Evolution, 2016, 31, 953-964.	8.7	121
39	A systematic survey of the integration of animal behavior into conservation. Conservation Biology, 2016, 30, 744-753.	4.7	93
40	Everybody loses: intraspecific competition induces tragedy of the commons in Allenby's gerbils. Ecology, 2015, 96, 54-61.	3.2	16
41	The Exploration-Exploitation Dilemma: A Multidisciplinary Framework. PLoS ONE, 2014, 9, e95693.	2.5	147
42	Using the movement patterns of reintroduced animals to improve reintroduction success. Environmental Epigenetics, 2014, 60, 515-526.	1.8	87
43	Past experiences and future expectations generate context-dependent costs of foraging. Behavioral Ecology and Sociobiology, 2014, 68, 1769-1776.	1.4	11
44	Redundancy in seed dispersal by three sympatric ungulates: a reintroduction perspective. Animal Conservation, 2014, 17, 565-572.	2.9	19
45	Genetic Diversity of the Eurasian Otter (<i>Lutra lutra</i>) Population in Israel. Journal of Heredity, 2013, 104, 192-201.	2.4	5
46	Simple rules for complex landscapes: the case of hilltopping movements and topography. Oikos, 2013, 122, 1483-1495.	2.7	10
47	Wildlife Management. , 2013, , 403-407.		0
48	Effectiveness of Multiple Release Sites in Reintroduction of Persian Fallow Deer. Conservation Biology, 2012, 26, 107-115.	4.7	6
49	Integrating animal behavior and conservation biology: a conceptual framework. Behavioral Ecology, 2011, 22, 236-239.	2.2	223
50	Reintroduction As an Ecosystem Restoration Technique. Conservation Biology, 2011, 25, 424-424.	4.7	57
51	The effect of anthropogenic resources on the space-use patterns of golden jackals. Journal of Wildlife Management, 2011, 75, 132-136.	1.8	36
52	Does interspecific competition drive patterns of habitat use in desert bat communities?. Oecologia, 2011, 167, 493-502.	2.0	66
53	Design and Implementation of Schedule-Based Trading Strategies Based on Uncertainty Bands. Journal of Trading, 2011, 6, 45-52.	0.2	6
54	Reintroducing the Persian fallow deer <i>Dama mesopotamica</i> in Israel - a chronology. Animal Production Science, 2011, 51, 251.	1.3	13

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55	Pond characteristics as determinants of species diversity and community composition in desert bats. <i>Animal Conservation</i> , 2010, 13, 505-513.	2.9	78
56	Ecological Trap for Desert Lizards Caused by Anthropogenic Changes in Habitat Structure that Favor Predator Activity. <i>Conservation Biology</i> , 2010, 24, 803-809.	4.7	70
57	Abrupt spatial and numerical responses of overabundant foxes to a reduction in anthropogenic resources. <i>Journal of Applied Ecology</i> , 2010, 47, 1262-1271.	4.0	123
58	Statistical Inference and Decision Making in Conservation Biology. <i>Israel Journal of Ecology and Evolution</i> , 2010, 57, 309-317.	0.6	8
59	On otter spraints, the advancement of science, and analogies: A reply to Calzada et al.. <i>Ecological Indicators</i> , 2010, 10, 562-563.	6.3	1
60	Behavioral Changes, Stress, and Survival Following Reintroduction of Persian Fallow Deer from Two Breeding Facilities. <i>Conservation Biology</i> , 2009, 23, 1026-1035.	4.7	41
61	Community homogenization and the invasiveness of commensal species in Mediterranean afforested landscapes. <i>Biological Invasions</i> , 2008, 10, 507-515.	2.4	22
62	Conservation implications of competition between generalist and specialist rodents in Mediterranean afforested landscape. <i>Biodiversity and Conservation</i> , 2008, 17, 2513-2523.	2.6	11
63	Leaf compensatory growth as a tolerance strategy to resist herbivory in <i>Pancratium sickenbergeri</i> . <i>Plant Ecology</i> , 2008, 198, 19-26.	1.6	25
64	A movement ecology paradigm for unifying organismal movement research. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 19052-19059.	7.1	2,043
65	Simulated dynamics of Arabian Oryx (<i>Oryx leucoryx</i>) in the Israeli Negev: Effects of migration corridors and post-reintroduction changes in natality on population viability. <i>Ecological Modelling</i> , 2008, 210, 169-178.	2.5	9
66	The role of size inequality in self-thinning: A pattern-oriented simulation model for arid savannas. <i>Ecological Modelling</i> , 2008, 210, 431-445.	2.5	35
67	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
68	Using videotaping to validate the use of spraints as an index of Eurasian otter (<i>Lutra lutra</i>) activity. <i>Ecological Indicators</i> , 2008, 8, 462-465.	6.3	24
69	A framework for generating and analyzing movement paths on ecological landscapes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 19066-19071.	7.1	168
70	Host defence versus intraspecific competition in the regulation of infrapopulations of the flea <i>Xenopsylla conformis</i> on its rodent host <i>Meriones crassus</i> . <i>International Journal for Parasitology</i> , 2007, 37, 919-925.	3.1	19
71	Editorial Comment: Performance and Cognition. <i>Theatre Journal</i> , 2007, 59, ix-xiii.	0.0	3
72	A patch-dynamics approach to savanna dynamics and woody plant encroachment – Insights from an arid savanna. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2006, 7, 229-242.	2.7	191

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73	The Impact of Increased Environmental Stochasticity Due to Climate Change on the Dynamics of Asiatic Wild Ass. <i>Conservation Biology</i> , 2006, 20, 1402-1409.	4.7	45
74	Flea infestation and energy requirements of rodent hosts: are there general rules?. <i>Functional Ecology</i> , 2006, 20, 1028-1036.	3.6	28
75	The effects of herbivory and resource variability on the production of a second inflorescence by the desert lily, <i>Pancratium sickenbergeri</i> . <i>Plant Ecology</i> , 2006, 186, 47-55.	1.6	4
76	Population Differentiation and the Effects of Herbivory and Sand Compaction on the Subterranean Growth of a Desert Lily. <i>Journal of Heredity</i> , 2006, 97, 409-416.	2.4	5
77	Virtual Corridors for Conservation Management. <i>Conservation Biology</i> , 2005, 19, 1997-2003.	4.7	25
78	Demographic Models and Reality in Reintroductions: Persian Fallow Deer in Israel. <i>Conservation Biology</i> , 2005, 19, 131-138.	4.7	68
79	Multi-scale patterns and bush encroachment in an arid savanna with a shallow soil layer. <i>Journal of Vegetation Science</i> , 2005, 16, 311-320.	2.2	123
80	TEMPORAL AND SPATIAL INFLUENCES ON ROAD MORTALITY IN OTTERS: CONSERVATION IMPLICATIONS. <i>Israel Journal of Zoology</i> , 2005, 51, 199-207.	0.2	9
81	PREDICTING THE SPATIAL DYNAMICS OF A REINTRODUCED POPULATION: THE PERSIAN FALLOW DEER. , 2005, 15, 1833-1846.		24
82	EFFECTS OF HUMAN DISTURBANCE ON USE OF SPACE AND FLIGHT DISTANCE OF MOUNTAIN GAZELLES. <i>Journal of Wildlife Management</i> , 2005, 69, 1683-1690.	1.8	26
83	THE GOLAN WOLVES: THE DYNAMICS, BEHAVIORAL ECOLOGY, AND MANAGEMENT OF AN ENDANGERED PEST. <i>Israel Journal of Zoology</i> , 2005, 51, 87-133.	0.2	11
84	Multi-scale patterns and bush encroachment in an arid savanna with a shallow soil layer. <i>Journal of Vegetation Science</i> , 2005, 16, 311.	2.2	22
85	Response to topography in a hilltopping butterfly and implications for modelling nonrandom dispersal. <i>Animal Behaviour</i> , 2004, 68, 825-839.	1.9	47
86	Spatio-Temporal Rainfall Variation and Stock Management in Arid Namibia. <i>Journal of Range Management</i> , 2004, 57, 130.	0.3	23
87	The impact of free-roaming dogs on gazelle kid/female ratio in a fragmented area. <i>Biological Conservation</i> , 2004, 119, 231-236.	4.1	80
88	Maternal age is a predominant determinant of progeny sex ratio variation in ungulates: a reply to Hewison et al.. <i>Oikos</i> , 2003, 101, 646-648.	2.7	11
89	IMPACT OF HUMAN NUISANCE DISTURBANCE ON VIGILANCE AND GROUP SIZE OF A SOCIAL UNGULATE. , 2003, 13, 1830-1834.		89
90	Seasonal and Circadian Changes in the Home Ranges of Reintroduced Persian Fallow Deer. <i>Journal of Wildlife Management</i> , 2003, 67, 485.	1.8	26

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91	Impact of Repeated Releases on Space-Use Patterns of Persian Fallow Deer. <i>Journal of Wildlife Management</i> , 2002, 66, 737.	1.8	32
92	The effectiveness of various rabies spatial vaccination patterns in a simulated host population with clumped distribution. <i>Ecological Modelling</i> , 2002, 152, 205-211.	2.5	10
93	Calcium oxalate crystals in leaves of <i>Pancreatium sickenbergeri</i> : constitutive or induced defence?. <i>Functional Ecology</i> , 2002, 16, 99-105.	3.6	61
94	Responses of <i>Pancreatium sickenbergeri</i> to simulated bulb herbivory: combining defence and tolerance strategies. <i>Journal of Ecology</i> , 2002, 90, 472-479.	4.0	31
95	Progeny sex ratio variation in ungulates: maternal age meets environmental perturbation of demography. <i>Oikos</i> , 2001, 94, 377-384.	2.7	36
96	Characterizing Core and Corridor Use by Nubian Ibex in the Negev Desert, Israel. <i>Conservation Biology</i> , 2000, 14, 200-206.	4.7	20
97	The Effect of Space-Use Patterns of Reintroduced Asiatic Wild Ass on Effective Population Size. <i>Conservation Biology</i> , 2000, 14, 1852-1861.	4.7	32
98	Responding to a three-pronged attack: desert lilies subject to herbivory by dorcas gazelles. <i>Plant Ecology</i> , 2000, 148, 127-138.	1.6	41
99	Title is missing!. <i>Plant Ecology</i> , 2000, 150, 27-36.	1.6	25
100	Two-phase flow analysis of unstable fluid mixing in one-dimensional geometry. <i>Physics of Fluids</i> , 2000, 12, 2461.	4.0	10
101	The Effect of Space-Use Patterns of Reintroduced Asiatic Wild Ass on Effective Population Size. <i>Conservation Biology</i> , 2000, 14, 1852-1861.	4.7	27
102	Boundary conditions for a two pressure two-phase flow model. <i>Physica D: Nonlinear Phenomena</i> , 1999, 133, 84-105.	2.8	27
103	Effects of grazing by reintroduced <i>Equus hemionus</i> on the vegetation in a Negev desert erosion cirque. <i>Journal of Vegetation Science</i> , 1999, 10, 579-586.	2.2	10
104	Assessing Grazing Impacts by Remote Sensing in Hyper-Arid Environments. <i>Journal of Range Management</i> , 1999, 52, 500.	0.3	37
105	Two-phase modelling of a fluid mixing layer. <i>Journal of Fluid Mechanics</i> , 1999, 378, 119-143.	3.4	57
106	A long-term systematic approach to planning reintroductions: the Persian fallow deer and the Arabian oryx in Israel. <i>Animal Conservation</i> , 1998, 1, 245-252.	2.9	38
107	Statistical Evolution of Chaotic Fluid Mixing. <i>Physical Review Letters</i> , 1998, 80, 712-715.	7.8	36
108	TWO-PRESSURE TWO-PHASE FLOW. , 1998, , 124-148.		13

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109	A long-term systematic approach to planning reintroductions: the Persian fallow deer and the Arabian oryx in Israel. <i>Animal Conservation</i> , 1998, 1, 245-252.	2.9	2
110	Gazelle Herbivory and Interspecific Differences in Calcium Oxalate Content of Leaves of a Desert Lily. <i>Journal of Chemical Ecology</i> , 1997, 23, 333-346.	1.8	67
111	Minimizing extinction probability due to demographic stochasticity in a reintroduced herd of Persian fallow deer <i>Dama dama mesopotamica</i> . <i>Biological Conservation</i> , 1996, 75, 27-33.	4.1	26
112	Population Dynamics of a Reintroduced Asiatic Wild Ass (<i>Equus Hemionus</i>) Herd. , 1995, 5, 327-335.		109
113	Forging at Different Spatial Scales: Dorcas Gazelles Foraging for Lilies in the Negev Desert. <i>Ecology</i> , 1994, 75, 48-58.	3.2	126
114	Using the noninteracting cluster theory to predict the properties of real vapor. <i>Journal of Chemical Physics</i> , 1994, 101, 6038-6051.	3.0	13
115	Reporting Error Measures in Radio Location by Triangulation: A Review. <i>Journal of Wildlife Management</i> , 1994, 58, 181.	1.8	78
116	Effect of Time and Snow Dilution on Cortisol: Creatinine Ratios in Mule Deer Urine. <i>Journal of Wildlife Management</i> , 1993, 57, 397.	1.8	4
117	Urinary Cortisol, Urea Nitrogen Excretion, and Winter Survival in Mule Deer Fawns. <i>Journal of Wildlife Management</i> , 1992, 56, 640.	1.8	12
118	URINARY CORTISOL AND UREA NITROGEN RESPONSES IN IRREVERSIBLY UNDERNOURISHED MULE DEER FAWNS. <i>Journal of Wildlife Diseases</i> , 1991, 27, 41-46.	0.8	16
119	Urinary Cortisol and Urea Nitrogen Responses to Winter Stress in Mule Deer. <i>Journal of Wildlife Management</i> , 1991, 55, 1.	1.8	54
120	Comparison of Different Measures of the Error in Simulated Radio-Telemetry Locations. <i>Journal of Wildlife Management</i> , 1990, 54, 169.	1.8	16
121	On the spatial behaviour of Indian crested porcupines (<i>Hystrix indica</i>). <i>Journal of Zoology</i> , 1989, 217, 255-266.	1.7	18
122	Influence of Season and Moonlight on Temporal-Activity Patterns of Indian Crested Porcupines (<i>Hystrix indica</i>). <i>Journal of Mammalogy</i> , 1988, 69, 71-80.	1.3	52
123	Foraging Time and the Northern Range Limits of Indian Crested Porcupines (<i>Hystrix indica</i> Kerr). <i>Journal of Biogeography</i> , 1988, 15, 403.	3.0	25
124	Potatoes and the Nutritional Ecology of Crested Porcupines in a Desert Biome. <i>Journal of Applied Ecology</i> , 1985, 22, 727.	4.0	23
125	A Simple Computer-Aided Method for Estimating Radio-Location Error. <i>Journal of Wildlife Management</i> , 1985, 49, 664.	1.8	27
126	Patterns of crested porcupine (<i>Hystrix indica</i>) damage to cultivated potatoes. <i>Agriculture, Ecosystems and Environment</i> , 1985, 14, 171-183.	5.3	15

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127	Indirect behavioral indicators and their uses in conservation and management. , 0, , 352-375.		0
128	Evolution and conservation behavior. , 0, , 36-65.		0
129	Anthropogenic impacts on animal behavior and their implications for conservation and management. , 0, , 93-94.		0
130	Behavior-based contributions to reserve design and management. , 0, , 176-211.		1