

# Uzi Motro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4674880/publications.pdf>

Version: 2024-02-01

77  
papers

2,116  
citations

201674

27  
h-index

243625

44  
g-index

78  
all docs

78  
docs citations

78  
times ranked

1826  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dinoflagellate-Cyanobacterium Communication May Determine the Composition of Phytoplankton Assemblage in a Mesotrophic Lake. <i>Current Biology</i> , 2002, 12, 1767-1772.	3.9	162
2	Avoiding Inbreeding and Sibling Competition: The Evolution of Sexual Dimorphism for Dispersal. <i>American Naturalist</i> , 1991, 137, 108-115.	2.1	116
3	Optimal rates of dispersal I. Haploid populations. <i>Theoretical Population Biology</i> , 1982, 21, 394-411.	1.1	97
4	Optimal rates of dispersal. III. Parent-offspring conflict. <i>Theoretical Population Biology</i> , 1983, 23, 159-168.	1.1	84
5	Optimal rates of dispersal II. Diploid populations. <i>Theoretical Population Biology</i> , 1982, 21, 412-429.	1.1	82
6	Continuous Stability and Evolutionary Convergence. <i>Journal of Theoretical Biology</i> , 1997, 185, 333-343.	1.7	75
7	Do Female Chacma Baboons Compete for a Safe Spatial Position in a Southern Woodland Habitat?. <i>Behaviour</i> , 1996, 133, 475-490.	0.8	72
8	The Three Brothers' Problem: Kin Selection with More than One Potential Helper. 1. The Case of Immediate Help. <i>American Naturalist</i> , 1988, 132, 550-566.	2.1	71
9	Early experience affects producer's "scrounger" foraging tendencies in the house sparrow. <i>Animal Behaviour</i> , 2008, 75, 1465-1472.	1.9	71
10	Co-operation and defection: Playing the field and the ESS. <i>Journal of Theoretical Biology</i> , 1991, 151, 145-154.	1.7	70
11	Overnight memory retention of foraging skills by bumblebees is imperfect. <i>Animal Behaviour</i> , 1996, 52, 95-104.	1.9	67
12	Individual-learning ability predicts social-foraging strategy in house sparrows. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 582-589.	2.6	60
13	Behavioural responses of red foxes to an increase in the presence of golden jackals: a field experiment. <i>Animal Behaviour</i> , 2006, 71, 577-584.	1.9	50
14	THE AFFECTED SIB METHOD. I. STATISTICAL FEATURES OF THE AFFECTED SIB-PAIR METHOD. <i>Genetics</i> , 1985, 110, 525-538.	2.9	49
15	The Three Brothers' Problem: Kin Selection with More than One Potential Helper. 2. The Case of Delayed Help. <i>American Naturalist</i> , 1988, 132, 567-575.	2.1	48
16	Response to topography in a hilltopping butterfly and implications for modelling nonrandom dispersal. <i>Animal Behaviour</i> , 2004, 68, 825-839.	1.9	47
17	Evolutionary and Continuous Stability in Asymmetric Games with Continuous Strategy Sets: The Parental Investment Conflict as an Example. <i>American Naturalist</i> , 1994, 144, 229-241.	2.1	45
18	Possible Foraging Benefits of Bimodal Daily Activity in <i>Proxyclopa oliveri</i> (Lepeletier) (Hymenoptera: Anthophoridae). <i>Environmental Entomology</i> , 2005, 34, 417-424.	1.4	43

#	ARTICLE	IF	CITATIONS
19	Innate movement rules in foraging bees: flight distances are affected by recent rewards and are correlated with choice of flower type. <i>Behavioral Ecology and Sociobiology</i> , 1996, 39, 381-388.	1.4	42
20	Co-evolution of learning complexity and social foraging strategies. <i>Journal of Theoretical Biology</i> , 2010, 267, 573-581.	1.7	42
21	Facilitating complex DNA mixture interpretation by sequencing highly polymorphic haplotypes. <i>Forensic Science International: Genetics</i> , 2018, 35, 136-140.	3.1	42
22	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
23	The effects of CO <sub>2</sub> and nutrient fertilisation on the growth and temperature response of the mangrove <i>Avicennia germinans</i> . <i>Photosynthesis Research</i> , 2016, 129, 159-170.	2.9	41
24	Evolution of social learning when high expected payoffs are associated with high risk of failure. <i>Journal of the Royal Society Interface</i> , 2011, 8, 1604-1615.	3.4	38
25	Evolution of learned strategy choice in a frequency-dependent game. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1176-1184.	2.6	37
26	More on Optimal Rates of Dispersal: Taking into Account the Cost of the Dispersal Mechanism. <i>American Naturalist</i> , 1989, 134, 659-663.	2.1	34
27	New morphometric parameters for assessment of body size in the fossil freshwater crab assemblage from the Acheulian site of Gesher Benot Ya'aqov, Israel. <i>Journal of Archaeological Science</i> , 2005, 32, 675-689.	2.4	32
28	Pattern of settlement and natural chimerism in the colonial urochordate <i>Botryllus schlosseri</i> . <i>Genetica</i> , 2007, 132, 51-58.	1.1	31
29	Near- $\infty$ Far search: An evolutionarily stable foraging strategy. <i>Journal of Theoretical Biology</i> , 1995, 173, 15-22.	1.7	29
30	FORAGING CHOICES OF BUMBLEBEES ON EQUALLY REWARDING ARTIFICIAL FLOWERS OF DIFFERENT COLORS. <i>Israel Journal of Plant Sciences</i> , 1997, 45, 223-233.	0.5	24
31	Male mate choice in a sexually cannibalistic widow spider. <i>Animal Behaviour</i> , 2018, 137, 189-196.	1.9	23
32	Learning to Choose Among Social Foraging Strategies in Adult House Sparrows ( <i>Passer domesticus</i> )	1.1	21
33	Temporal reward variability promotes sampling of a new flower type by bumblebees. <i>Animal Behaviour</i> , 2013, 86, 747-753.	1.9	20
34	Genome methylation patterns across castes and generations in a parasitoid wasp. <i>Ecology and Evolution</i> , 2016, 6, 7943-7953.	1.9	20
35	Statistical aspects of measuring the strength of associations between HLA antigens and diseases. <i>Tissue Antigens</i> , 1983, 21, 320-328.	1.0	19
36	Juvenile hormone interacts with multiple factors to modulate aggression and dominance in groups of orphan bumble bee ( <i>Bombus terrestris</i> ) workers. <i>Hormones and Behavior</i> , 2020, 117, 104602.	2.1	19

#	ARTICLE	IF	CITATIONS
37	The role of beginner's luck in learning to prefer risky patches by socially foraging house sparrows. <i>Behavioral Ecology</i> , 2013, 24, 1398-1406.	2.2	18
38	Should a parasite expose itself? (Some theoretical aspects of begging and vigilance behavior). <i>Journal of Theoretical Biology</i> , 1989, 140, 279-287.	1.7	16
39	Regulation of splicing: The importance of being translatable. <i>Rna</i> , 2004, 10, 1-4.	3.5	16
40	Breeding Success and its Correlation with Nest-Site Characteristics: A Study of a Griffon Vulture Colony in Gamla, Israel. <i>Journal of Raptor Research</i> , 2017, 51, 136-144.	0.6	12
41	The courtship handicap phenotypic effect. <i>Journal of Theoretical Biology</i> , 1982, 97, 319-324.	1.7	10
42	Shift in nesting ground of the long-legged buzzard ( <i>Buteo rufinus</i> ) in Judea, Israel – An effect of habitat change. <i>Biological Conservation</i> , 2011, 144, 402-406.	4.1	10
43	A note on vigilance behavior and stability against recognizable social parasites. <i>Journal of Theoretical Biology</i> , 1989, 136, 21-25.	1.7	9
44	The influence of the ability to disperse on generation length and population size in the flour beetle, <i>Tribolium castaneum</i> . <i>Ecological Entomology</i> , 1991, 16, 279-282.	2.2	9
45	Recombination and the evolution of coordinated phenotypic expression in a frequency-dependent game. <i>Theoretical Population Biology</i> , 2011, 80, 244-255.	1.1	9
46	Genetic evidence for an undescribed species previously considered as <i>Sillago sihama</i> from the northern Red Sea. <i>Marine Biology Research</i> , 2013, 9, 309-315.	0.7	9
47	Effect of nest-site microclimatic conditions on nesting success in the Lesser Kestrel <i>Falco naumanni</i> . <i>Bird Study</i> , 2018, 65, 444-450.	1.0	9
48	Presentation of a Three-Banded Allele Pattern Analysis and Interpretation. <i>Journal of Forensic Sciences</i> , 2002, 47, 1-3.	1.6	9
49	Helpers at Parents' Nest: A Game Theoretic Approach. <i>Journal of Theoretical Biology</i> , 1993, 163, 127-134.	1.7	8
50	The parental investment conflict in continuous time: St. Peter's fish as an example. <i>Journal of Theoretical Biology</i> , 2004, 228, 377-388.	1.7	8
51	Diet of the Long-eared Owl in the Northern and Central Negev Desert, Israel. <i>Wilson Journal of Ornithology</i> , 2008, 120, 641-645.	0.2	8
52	Molecular analysis of the recently described lizardfish <i>Saurida lessepsianus</i> (Synodontidae) from the Red Sea and the Mediterranean, with remarks on its phylogeny and genetic bottleneck effect. <i>Marine Biology Research</i> , 2016, 12, 419-425.	0.7	8
53	Juvenile hormone affects the development and strength of circadian rhythms in young bumble bee ( <i>Bombus terrestris</i> ) workers. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2020, 9, 100056.	2.8	8
54	Affected sib pair identity by state analyses. <i>Genetic Epidemiology</i> , 1994, 11, 353-364.	1.3	7

#	ARTICLE	IF	CITATIONS
55	Forensic Identification of a Rapist Using Unusual Evidence. <i>Journal of Forensic Sciences</i> , 1999, 44, 860-862.	1.6	6
56	Diet Comparison Between Two Sympatric Owls— <i>Tyto Alba</i> and <i>Asio Otus</i> —in the Negev Desert, Israel. <i>Israel Journal of Ecology and Evolution</i> , 2010, 56, 207-216.	0.6	5
57	Can brothers share the same STR profile?. <i>Forensic Science International: Genetics</i> , 2013, 7, 494-498.	3.1	5
58	Nest-Site Fidelity in Griffon Vultures: A Case of Win—“Stay/Lose—“Shift?. <i>Israel Journal of Ecology and Evolution</i> , 2017, 63, 39-43.	0.6	5
59	Male-biased investment during chick rearing in the Griffon Vulture <i>Gyps fulvus</i> . <i>Bird Study</i> , 2018, 65, 270-273.	1.0	5
60	A comparison of trapping efficacy of 11 rodent traps in agriculture. <i>Mammal Research</i> , 2019, 64, 435-443.	1.3	5
61	Evolutionarily stable strategies of mutual help between relatives having unequal fertilities. <i>Journal of Theoretical Biology</i> , 1988, 135, 31-39.	1.7	4
62	Time-dependent animal conflicts: 1. The symmetric case. <i>Journal of Theoretical Biology</i> , 2005, 232, 261-275.	1.7	4
63	A Search for Obligatory Paternal Alleles in a DNA Database to Find an Alleged Rapist in a Fatherless Paternity Case. <i>Journal of Forensic Sciences</i> , 2012, 57, 1098-1101.	1.6	4
64	The impact of <i>Acacia saligna</i> and the loss of mobile dunes on rodent populations: a case study in the Ashdod-Nizzanim sands in Israel. <i>Israel Journal of Plant Sciences</i> , 2019, 66, 162-169.	0.5	4
65	Molecular analysis reveals a cryptic species of <i>Chthamalus</i> (Crustacea: Cirripedia) in the Cape Verde Islands. <i>Zoological Journal of the Linnean Society</i> , 2021, 193, 1072-1087.	2.3	4
66	Chorionic Villus Sampling Prior to Pregnancy Termination, a Tool for Forensic Paternity Testing. <i>Journal of Forensic Sciences</i> , 1999, 44, 1065-1068.	1.6	4
67	Affected kin-pair IBD methods: Genetic models. <i>Genetic Epidemiology</i> , 1991, 8, 317-327.	1.3	2
68	Flight Durations in Bumblebees Under Manipulation of Feeding Choices. <i>Journal of Insect Behavior</i> , 2004, 17, 155-168.	0.7	2
69	Time-dependent animal conflicts: 2. The asymmetric case. <i>Journal of Theoretical Biology</i> , 2005, 232, 277-284.	1.7	2
70	A long term (1949-2010) study of catch and effort in Israeli trawl fishery, Eastern Mediterranean Sea. <i>Acta Adriatica</i> , 2017, 58, 157-164.	0.7	2
71	A star is torn—molecular analysis divides the Mediterranean population of <i>Poli</i> ™s stellate barnacle, <i>Chthamalus stellatus</i> (Cirripedia, Chthamalidae). <i>PeerJ</i> , 2021, 9, e11826.	2.0	2
72	Effect of supplemental feeding on nesting success in the Lesser Kestrel ( <i>Falco naumanni</i> ). <i>Israel Journal of Ecology and Evolution</i> , 2019, 65, 71-76.	0.6	2

#	ARTICLE	IF	CITATIONS
73	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
74	â€œThe Story of Abraham, Isaac and Jacobâ€œor â€œAm I My Brother's Keeper?â€œ. Journal of Forensic Sciences, 2003, 48, 1-3.	1.6	1
75	Topics in Evolutionary Biology: A Special Issue devoted to the Commemoration of Professor Uzi Ritte. Israel Journal of Ecology and Evolution, 2013, 59, 167-171.	0.6	0
76	Aggregations and Dietary Changes of Short-toed Snake-Eagles: A New Phenomenon Associated with Modern Agriculture. Journal of Raptor Research, 2017, 51, 446-450.	0.6	0
77	'The story of Abraham, Isaac and Jacob" or "am I my brother's keeper?". Journal of Forensic Sciences, 2003, 48, 137-9.	1.6	0