Eviatar Nevo

List of Publications by Year
in descending order

18 papers	521 citations	687363 13 h-index	940533 16 g-index
18 all docs	18 docs citations	18 times ranked	441 citing authors

#	Article	IF	Citations
1	Genomic adaptation to drought in wild barley is driven by edaphic natural selection at the Tabigha Evolution Slope. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5223-5228.	7.1	64
2	Possible incipient sympatric ecological speciation in blind mole rats (Spalax). Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2587-2592.	7.1	58
3	Sympatric speciation revealed by genome-wide divergence in the blind mole rat Spalax. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11905-11910.	7.1	53
4	"Evolution Canyon": A Microcosm of Life's Evolution Focusing on Adaptation and Speciation. Israel Journal of Ecology and Evolution, 2006, 52, 501-506.	0.6	47
5	Habitat and Burrow System Characteristics of the Blind Mole Rat Spalax galili in an Area of Supposed Sympatric Speciation. PLoS ONE, 2015, 10, e0133157.	2.5	43
6	Sympatric speciation of wild emmer wheat driven by ecology and chromosomal rearrangements. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5955-5963.	7.1	39
7	Diversity of cultured microfungal communities in surface horizons of soils on different lithologies in Upper Galilee, Israel. European Journal of Soil Biology, 2008, 44, 180-190.	3.2	28
8	Evolution in action: adaptation and incipient sympatric speciation with gene flow across life at â€œEvolution Canyonâ€, Israel. Israel Journal of Ecology and Evolution, 2014, 60, 85-98.	0.6	27
9	Sympatric speciation of spiny mice, Acomys, unfolded transcriptomically at Evolution Canyon, Israel. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8254-8259.	7.1	26
10	Transcriptome, genetic editing, and microRNA divergence substantiate sympatric speciation of blind mole rat, Spalax. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7584-7589.	7.1	25
11	Activity of free-living subterranean blind mole ratsSpalax galili(Rodentia: Spalacidae) in an area of supposed sympatric speciation. Biological Journal of the Linnean Society, 2016, 118, 280-291.	1.6	25
12	Mammalian microevolution in action: adaptive edaphic genomic divergence in blind subterranean moleâ€“rats. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S156-9.	2.6	20
13	Evolution of Wild Barley and Barley Improvement. , 2013, , 1-23.		17
14	Natural Selection Causes Adaptive Genetic Resistance in Wild Emmer Wheat against Powdery Mildew at â€œEvolution Canyonâ€•Microsite, Mt. Carmel, Israel. PLoS ONE, 2015, 10, e0122344.	2.5	15
15	Transcriptomes Divergence of Ricotia lunaria Between the Two Micro-Climatic Divergent Slopes at â€œEvolution Canyonâ€•I, Israel. Frontiers in Genetics, 2018, 9, 506.	2.3	12
16	Incipient sympatric speciation in wild barley caused by geological-edaphic divergence. Life Science Alliance, 2020, 3, e202000827.	2.8	10
17	Sympatric speciation of the spiny mouse from Evolution Canyon in Israel substantiated genomically and methylomically. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2121822119.	7.1	7
18	Evolution Canyons model: biodiversity, adaptation, and incipient sympatric ecological speciation across life: a revisit. , 2021, , 291-348.		5