

# Eviatar Nevo

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

335  
papers

17,609  
citations

66  
h-index

119  
g-index

337  
ext. papers

19,641  
ext. citations

5.5  
avg, IF

6.62  
L-index

#	Paper	IF	Citations
335	Evolution of Communication Systems Underground in a Blind Mammal, Spalax. <i>Animal Signals and Communication</i> , <b>2022</b> , 359-386	1.4	
334	Adaptation of mammals to hypoxia.. <i>Animal Models and Experimental Medicine</i> , <b>2021</b> , 4, 311-318	4.2	2
333	Bulked segregant CGT-Seq-facilitated map-based cloning of a powdery mildew resistance gene originating from wild emmer wheat ( <i>Triticum dicoccoides</i> ). <i>Plant Biotechnology Journal</i> , <b>2021</b> , 19, 1288-1298	11.6	6
332	Evolution of rapid blue-light response linked to explosive diversification of ferns in angiosperm forests. <i>New Phytologist</i> , <b>2021</b> , 230, 1201-1213	9.8	14
331	Genetic mapping of a novel powdery mildew resistance gene in wild emmer wheat from "Evolution Canyon" in Mt. Carmel Israel. <i>Theoretical and Applied Genetics</i> , <b>2021</b> , 134, 909-921	6	6
330	Evolution Canyons model: biodiversity, adaptation, and incipient sympatric ecological speciation across life: a revisit <b>2021</b> , 291-348		1
329	Evolutionary agriculture domestication of wild emmer wheat <b>2021</b> , 193-255		
328	Multi-Omics Analysis Reveals the Mechanism Underlying the Edaphic Adaptation in Wild Barley at Evolution Slope (Tabigha). <i>Advanced Science</i> , <b>2021</b> , 8, e2101374	13.6	3
327	Transposon-triggered innate immune response confers cancer resistance to the blind mole rat. <i>Nature Immunology</i> , <b>2021</b> , 22, 1219-1230	19.1	8
326	Fighting Pathogens in the Era of Climate Change: A Conceptual Approach. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	15
325	Reply to: Transformation of naked mole-rat cells. <i>Nature</i> , <b>2020</b> , 583, E8-E13	50.4	5
324	A CNL protein in wild emmer wheat confers powdery mildew resistance. <i>New Phytologist</i> , <b>2020</b> , 228, 1027-1037	9.8	35
323	SNP-based association study of kernel architecture in a worldwide collection of durum wheat germplasm. <i>PLoS ONE</i> , <b>2020</b> , 15, e0229159	3.7	1
322	Genome evolution of blind subterranean mole rats: Adaptive peripatric versus sympatric speciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 32499-32508	11.5	3
321	Current Progress in Understanding and Recovering the Wheat Genes Lost in Evolution and Domestication. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7
320	Adaptive signals of flowering time pathways in wild barley from Israel over 28 generations. <i>Heredity</i> , <b>2020</b> , 124, 62-76	3.6	9
319	<i>Paenibacillus polymyxa</i> biofilm polysaccharides antagonise <i>Fusarium graminearum</i> . <i>Scientific Reports</i> , <b>2019</b> , 9, 662	4.9	23

318	Genomic divergence and adaptive convergence in from Evolution Canyon, Israel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 11839-11844	11.5	6
317	Aggression and courtship differences found in <i>Drosophila melanogaster</i> from two different microclimates at Evolution Canyon, Israel. <i>Scientific Reports</i> , <b>2019</b> , 9, 4084	4.9	4
316	Functional Diversity of p53 in Human and Wild Animals. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 152	5.7	14
315	Evolution of chloroplast retrograde signaling facilitates green plant adaptation to land. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 5015-5020	11.5	74
314	Elevated mutation and selection in wild emmer wheat in response to 28 years of global warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 20002-20008	11.5	6
313	Naked mole rats can undergo developmental, oncogene-induced and DNA damage-induced cellular senescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 1801-1806	11.5	44
312	Genomic adaptation to drought in wild barley is driven by edaphic natural selection at the Tabigha Evolution Slope. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 5223-5228	11.5	35
311	Uncovering the dispersion history, adaptive evolution and selection of wheat in China. <i>Plant Biotechnology Journal</i> , <b>2018</b> , 16, 280-291	11.6	37
310	Assembly and analysis of a qingke reference genome demonstrate its close genetic relation to modern cultivated barley. <i>Plant Biotechnology Journal</i> , <b>2018</b> , 16, 760-770	11.6	33
309	The Institute of Evolution Wild Cereal Gene Bank at the University of Haifa. <i>Israel Journal of Plant Sciences</i> , <b>2018</b> , 65, 129-146	0.6	9
308	Transcriptomes Divergence of Between the Two Micro-Climatic Divergent Slopes at "Evolution Canyon" I, Israel. <i>Frontiers in Genetics</i> , <b>2018</b> , 9, 506	4.5	5
307	Associations of canopy leaf traits with SNP markers in durum wheat ( <i>Triticum turgidum</i> L. durum (Desf.)). <i>PLoS ONE</i> , <b>2018</b> , 13, e0206226	3.7	16
306	Evolutionary Conservation of ABA Signaling for Stomatal Closure. <i>Plant Physiology</i> , <b>2017</b> , 174, 732-747	6.6	100
305	Effect of medicinal mushrooms on blood cells under conditions of diabetes mellitus. <i>World Journal of Diabetes</i> , <b>2017</b> , 8, 187-201	4.7	25
304	Molecular Evolution of Grass Stomata. <i>Trends in Plant Science</i> , <b>2017</b> , 22, 124-139	13.1	119
303	Solar Radiation-Associated Adaptive SNP Genetic Differentiation in Wild Emmer Wheat,. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 258	6.2	2
302	Comparative transcriptome profile of the leaf elongation zone of wild barley ( <i>Hordeum spontaneum</i> ) eibi1 mutant and its isogenic wild type. <i>Genetics and Molecular Biology</i> , <b>2017</b> , 40, 834-843	2	
301	Enzymatic System of Antioxidant Protection of Erythrocytes in Diabetic Rats Treated with Medicinal Mushrooms <i>Agaricus brasiliensis</i> and <i>Ganoderma lucidum</i> (Agaricomycetes). <i>International Journal of Medicinal Mushrooms</i> , <b>2017</b> , 19, 697-708	1.3	9

300	Activity of free-living subterranean blind mole rats <i>Spalax galili</i> (Rodentia: Spalacidae) in an area of supposed sympatric speciation. <i>Biological Journal of the Linnean Society</i> , <b>2016</b> , 118, 280-291	1.9	17
299	Adaptive methylation regulation of p53 pathway in sympatric speciation of blind mole rats, <i>Spalax</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 2146-51	11.5	16
298	Determinants of rodent longevity in the chaperone-protein degradation network. <i>Cell Stress and Chaperones</i> , <b>2016</b> , 21, 453-66	4	29
297	Sensitivity of primary fibroblasts in culture to atmospheric oxygen does not correlate with species lifespan. <i>Aging</i> , <b>2016</b> , 8, 841-7	5.6	8
296	Heat Shock Proteins in Wild Barley at Evolution Canyon—Mount Carmel, Israel. <i>Heat Shock Proteins</i> , <b>2016</b> , 79-102	0.2	1
295	PiHOG1, a stress regulator MAP kinase from the root endophyte fungus <i>Piriformospora indica</i> , confers salinity stress tolerance in rice plants. <i>Scientific Reports</i> , <b>2016</b> , 6, 36765	4.9	51
294	Regulation of Nrf2 signaling and longevity in naturally long-lived rodents. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 3722-7	11.5	149
293	Evolution of wild barley at "Evolution Canyon": adaptation, speciation, pre-agricultural collection, and barley improvement. <i>Israel Journal of Plant Sciences</i> , <b>2015</b> , 62, 22-32	0.6	17
292	Putative adaptive inter-slope divergence of transposon frequency in fruit flies ( <i>Drosophila melanogaster</i> ) at "Evolution Canyon", Mount Carmel, Israel. <i>Biology Direct</i> , <b>2015</b> , 10, 58	7.2	5
291	Structural Changes of Erythrocyte Surface Glycoconjugates after Treatment with Medicinal Mushrooms. <i>International Journal of Medicinal Mushrooms</i> , <b>2015</b> , 17, 867-78	1.3	4
290	The Effect of the Medicinal Mushrooms <i>Agaricus brasiliensis</i> and <i>Ganoderma lucidum</i> (Higher Basidiomycetes) on the Erythron System in Normal and Streptozotocin-Induced Diabetic Rats. <i>International Journal of Medicinal Mushrooms</i> , <b>2015</b> , 17, 277-86	1.3	13
289	Sfp-type PPTase inactivation promotes bacterial biofilm formation and ability to enhance wheat drought tolerance. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 387	5.7	48
288	Natural selection causes adaptive genetic resistance in wild emmer wheat against powdery mildew at "Evolution Canyon" microsite, Mt. Carmel, Israel. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122344	3.7	10
287	Association of Agronomic Traits with SNP Markers in Durum Wheat ( <i>Triticum turgidum</i> L. durum (Desf.)). <i>PLoS ONE</i> , <b>2015</b> , 10, e0130854	3.7	23
286	Fluctuating Asymmetry of Plant Leaves: Batch Processing with LAMINA and Continuous Symmetry Measures. <i>Symmetry</i> , <b>2015</b> , 7, 255-268	2.7	17
285	Development of Microsatellite Markers in Tung Tree ( <i>Vernicia fordii</i> ) Using Cassava Genomic Sequences. <i>Plant Molecular Biology Reporter</i> , <b>2015</b> , 33, 893-904	1.7	3
284	TdCBL6, a calcineurin B-like gene from wild emmer wheat ( <i>Triticum dicoccoides</i> ), is involved in response to salt and low-K <sup>+</sup> stresses. <i>Molecular Breeding</i> , <b>2015</b> , 35, 1	3.4	5
283	The draft genome of Tibetan hulless barley reveals adaptive patterns to the high stressful Tibetan Plateau. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 1095-100	11.5	100

282	Antioxidant Effects of Medicinal Mushrooms <i>Agaricus brasiliensis</i> and <i>Ganoderma lucidum</i> (Higher Basidiomycetes): Evidence from Animal Studies. <i>International Journal of Medicinal Mushrooms</i> , <b>2015</b> , 17, 943-55	1.3	11
281	The Effect of <i>Agaricus brasiliensis</i> and <i>Ganoderma lucidum</i> Medicinal Mushroom Administration on the L-arginine/Nitric Oxide System and Rat Leukocyte Apoptosis in Experimental Type 1 Diabetes Mellitus. <i>International Journal of Medicinal Mushrooms</i> , <b>2015</b> , 17, 339-50	1.3	6
280	Revision of <i>Entyloma</i> (Entylomatales, Exobasidiomycetes) on <i>Eryngium</i> . <i>Mycologia</i> , <b>2014</b> , 106, 797-810	2.4	15
279	Genome-wide adaptive complexes to underground stresses in blind mole rats <i>Spalax</i> . <i>Nature Communications</i> , <b>2014</b> , 5, 3966	17.4	101
278	Drought-tolerance of wheat improved by rhizosphere bacteria from harsh environments: enhanced biomass production and reduced emissions of stress volatiles. <i>PLoS ONE</i> , <b>2014</b> , 9, e96086	3.7	360
277	Evolution of wild emmer wheat and crop improvement. <i>Journal of Systematics and Evolution</i> , <b>2014</b> , 52, 673-696	2.9	29
276	Evolution in action: adaptation and incipient sympatric speciation with gene flow across life at Evolution Canyon, Israel. <i>Israel Journal of Ecology and Evolution</i> , <b>2014</b> , 60, 85-98	0.8	18
275	Exploring natural selection to guide breeding for agriculture. <i>Plant Biotechnology Journal</i> , <b>2014</b> , 12, 655-626	4.3	43
274	Adaptive evolution of $\alpha$ -amylase genes in wild barley ( <i>Hordeum spontaneum</i> ) on micro and macro scales. <i>Journal of Systematics and Evolution</i> , <b>2014</b> , 52, 765-778	2.9	2
273	Divergence of <i>Drosophila melanogaster</i> repeatomes in response to a sharp microclimate contrast in Evolution Canyon, Israel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 10630-5	11.5	36
272	Transcriptome profiling reveals mosaic genomic origins of modern cultivated barley. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 13403-8	11.5	53
271	They live in the land down under: thyroid function and basal metabolic rate in the Blind Mole Rat, <i>Spalax</i> . <i>Endocrine Research</i> , <b>2014</b> , 39, 79-84	1.9	5
270	Physiological and Molecular Responses to Salt Stress in Wild Emmer and Cultivated Wheat. <i>Plant Molecular Biology Reporter</i> , <b>2013</b> , 31, 1212-1219	1.7	17
269	An <i>eceriferum</i> locus, <i>cer-zv</i> , is associated with a defect in cutin responsible for water retention in barley ( <i>Hordeum vulgare</i> ) leaves. <i>Theoretical and Applied Genetics</i> , <b>2013</b> , 126, 637-46	6	13
268	Genome differentiation of <i>Drosophila melanogaster</i> from a microclimate contrast in Evolution Canyon, Israel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 21059-64	11.5	29
267	Stress, adaptation, and speciation in the evolution of the blind mole rat, <i>Spalax</i> , in Israel. <i>Molecular Phylogenetics and Evolution</i> , <b>2013</b> , 66, 515-25	4.1	22
266	Development of microsatellite markers in the oil-producing species <i>Vernicia fordii</i> (Euphorbiaceae), a potential biodiesel feedstock. <i>Applications in Plant Sciences</i> , <b>2013</b> , 1, 1200004	2.3	6
265	High-molecular-mass hyaluronan mediates the cancer resistance of the naked mole rat. <i>Nature</i> , <b>2013</b> , 499, 346-9	50.4	470

264	SNP-revealed genetic diversity in wild emmer wheat correlates with ecological factors. <i>BMC Evolutionary Biology</i> , <b>2013</b> , 13, 169	3	31
263	Genetic diversity revealed by single nucleotide polymorphism markers in a worldwide germplasm collection of durum wheat. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 7061-88	6.3	66
262	Transcriptome comparative profiling of barley eibi1 mutant reveals pleiotropic effects of HvABCG31 gene on cuticle biogenesis and stress responsive pathways. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 20478-91	6.3	8
261	Natural Variation in Grain Iron and Zinc Concentrations of Wild Barley, <i>Hordeum spontaneum</i> , Populations from Israel <b>2013</b> , 169-183		2
260	Increases in both acute and chronic temperature potentiate tocotrienol concentrations in wild barley at 'Evolution Canyon'. <i>Chemistry and Biodiversity</i> , <b>2013</b> , 10, 1696-705	2.5	9
259	Tibet as a potential domestication center of cultivated barley of China. <i>PLoS ONE</i> , <b>2013</b> , 8, e62700	3.7	23
258	Evolution of Wild Barley and Barley Improvement <b>2013</b> , 1-23		13
257	Cancer resistance in the blind mole rat is mediated by concerted necrotic cell death mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 19392-6	11.5	93
256	Sustained high levels of neuregulin-1 in the longest-lived rodents; a key determinant of rodent longevity. <i>Aging Cell</i> , <b>2012</b> , 11, 213-22	9.9	51
255	Living with stress: regulation of antioxidant defense genes in the subterranean, hypoxia-tolerant mole rat, <i>Spalax</i> . <i>Gene</i> , <b>2012</b> , 500, 199-206	3.8	49
254	Population-genetic analysis of HvABCG31 promoter sequence in wild barley ( <i>Hordeum vulgare</i> ssp. <i>spontaneum</i> ). <i>BMC Evolutionary Biology</i> , <b>2012</b> , 12, 188	3	8
253	Analysis of adaptive ribosomal gene diversity in wild plant populations from contrasting climatic environments. <i>Plant Signaling and Behavior</i> , <b>2012</b> , 7, 602-4	2.5	14
252	Evolution of wild cereals during 28 years of global warming in Israel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 3412-5	11.5	132
251	Tibet is one of the centers of domestication of cultivated barley. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 16969-73	11.5	173
250	"Evolution Canyon," a potential microscale monitor of global warming across life. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 2960-5	11.5	61
249	Growth and asymmetry of soil microfungal colonies from "Evolution Canyon," Lower Nahal Oren, Mount Carmel, Israel. <i>PLoS ONE</i> , <b>2012</b> , 7, e34689	3.7	7
248	Fluctuating helical asymmetry and morphology of snails (Gastropoda) in divergent microhabitats at 'Evolution Canyons I and II,' Israel. <i>PLoS ONE</i> , <b>2012</b> , 7, e41840	3.7	3
247	Triticum <b>2011</b> , 407-456		20

246	An ATP-binding cassette subfamily G full transporter is essential for the retention of leaf water in both wild barley and rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 12354-9	11.5	113
245	Plant Root Associated Biofilms: Perspectives for Natural Product Mining <b>2011</b> , 285-300		26
244	Developmental instability of vascular plants in contrasting microclimates at Evolution Canyon□ <i>Biological Journal of the Linnean Society</i> , <b>2011</b> , 102, 786-797	1.9	17
243	Adaptive microclimatic evolution of the dehydrin 6 gene in wild barley at "Evolution Canyon", Israel. <i>Genetica</i> , <b>2011</b> , 139, 1429-38	1.5	10
242	Comparative analysis of algal biodiversity in the rivers of Israel. <i>Open Life Sciences</i> , <b>2011</b> , 6, 246-259	1.2	3
241	Domestication evolution, genetics and genomics in wheat. <i>Molecular Breeding</i> , <b>2011</b> , 28, 281-301	3.4	181
240	Rapid linkage disequilibrium decay in the Lr10 gene in wild emmer wheat ( <i>Triticum dicoccoides</i> ) populations. <i>Theoretical and Applied Genetics</i> , <b>2011</b> , 122, 175-87	6	14
239	Genomic, RNA, and ecological divergences of the Revolver transposon-like multi-gene family in Triticeae. <i>BMC Evolutionary Biology</i> , <b>2011</b> , 11, 269	3	8
238	Differential expression of small heat shock protein genes Hsp23 and Hsp40, and heat shock gene Hsr-omega in fruit flies ( <i>Drosophila melanogaster</i> ) along a microclimatic gradient. <i>Journal of Heredity</i> , <b>2011</b> , 102, 593-603	2.4	30
237	Evolution under environmental stress at macro- and microscales. <i>Genome Biology and Evolution</i> , <b>2011</b> , 3, 1039-52	3.9	56
236	A functional cutin matrix is required for plant protection against water loss. <i>Plant Signaling and Behavior</i> , <b>2011</b> , 6, 1297-9	2.5	33
235	Bacterial distribution in the rhizosphere of wild barley under contrasting microclimates. <i>PLoS ONE</i> , <b>2011</b> , 6, e17968	3.7	147
234	Drought and salt tolerances in wild relatives for wheat and barley improvement. <i>Plant, Cell and Environment</i> , <b>2010</b> , 33, 670-85	8.4	280
233	Can chimpanzee biology highlight human origin and evolution?. <i>Rambam Maimonides Medical Journal</i> , <b>2010</b> , 1, e0009	1.8	5
232	Microsatellite Diversity in Natural Populations of Ascomycetous Fungus, <i>Emericella Nidulans</i> , from Different Climatic-Edaphic Conditions in Israel. <i>Israel Journal of Ecology and Evolution</i> , <b>2010</b> , 56, 119-134 <sup>0.8</sup>		2
231	Adenosine-to-inosine RNA editing shapes transcriptome diversity in primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 12174-9	11.5	123
230	Wide genetic diversity of salinity tolerance, sodium exclusion and growth in wild emmer wheat, <i>Triticum dicoccoides</i> . <i>Breeding Science</i> , <b>2010</b> , 60, 426-435	2	22
229	Fluctuating Asymmetry: Methods, Theory, and Applications. <i>Symmetry</i> , <b>2010</b> , 2, 466-540	2.7	237

228	Wild Barley Harbinger of biodiversity. <i>Biodiversity</i> , <b>2010</b> , 11, 19-25	0.7	2
227	Neuroglobin, cytoglobin, and myoglobin contribute to hypoxia adaptation of the subterranean mole rat <i>Spalax</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 21570-5	11.5	98
226	Chromosomal regions controlling seedling drought resistance in Israeli wild barley, <i>Hordeum spontaneum</i> C. Koch. <i>Genetic Resources and Crop Evolution</i> , <b>2010</b> , 57, 85-99	2	41
225	Genetic analysis and ecological association of Hina genes based on single nucleotide polymorphisms (SNPs) in wild barley, <i>Hordeum spontaneum</i> . <i>Hereditas</i> , <b>2010</b> , 147, 18-26	2.4	12
224	Transposable elements in a marginal plant population: temporal fluctuations provide new insights into genome evolution of wild diploid wheat. <i>Mobile DNA</i> , <b>2010</b> , 1, 6	4.4	67
223	Spiny mice modulate eumelanin to pheomelanin ratio to achieve cryptic coloration in "evolution canyon," Israel. <i>PLoS ONE</i> , <b>2010</b> , 5, e8708	3.7	13
222	Lipid profile and serum characteristics of the blind subterranean mole rat, <i>Spalax</i> . <i>PLoS ONE</i> , <b>2009</b> , 4, e4528	3.7	5
221	Adaptive response to DNA-damaging agents in natural <i>Saccharomyces cerevisiae</i> populations from "Evolution Canyon", Mt. Carmel, Israel. <i>PLoS ONE</i> , <b>2009</b> , 4, e5914	3.7	19
220	Genetic diversity and stress of <i>Ricotia lunaria</i> in "Evolution Canyon," Israel. <i>Journal of Heredity</i> , <b>2009</b> , 100, 432-40	2.4	14
219	Darwinian Evolution: Evolution in Action Across Life at "Evolution Canyon", Israel. <i>Israel Journal of Ecology and Evolution</i> , <b>2009</b> , 55, 215-225	0.8	2
218	Alternatively spliced <i>Spalax</i> heparanase inhibits extracellular matrix degradation, tumor growth, and metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 2253-8	11.5	40
217	Evolution in action across life at Evolution Canyons Israel. <i>Trends in Evolutionary Biology</i> , <b>2009</b> , 1, 3		33
216	Molecular structure of heparan sulfate from <i>Spalax</i> . Implications of heparanase and hypoxia. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 3814-22	5.4	12
215	EST-SSR diversity correlated with ecological and genetic factors of wild emmer wheat in Israel. <i>Hereditas</i> , <b>2009</b> , 146, 1-10	2.4	22
214	Resistance gene analog polymorphisms (RGAPs) in wild emmer wheat ( <i>Triticum dicoccoides</i> ) and their ecological associations. <i>Genetic Resources and Crop Evolution</i> , <b>2009</b> , 56, 121-136	2	11
213	Molecular identification of a new powdery mildew resistance gene Pm41 on chromosome 3BL derived from wild emmer ( <i>Triticum turgidum</i> var. <i>dicoccoides</i> ). <i>Theoretical and Applied Genetics</i> , <b>2009</b> , 119, 531-9	6	72
212	Adaptive microclimatic structural and expressional dehydrin 1 evolution in wild barley, <i>Hordeum spontaneum</i> , at 'Evolution Canyon', Mount Carmel, Israel. <i>Molecular Ecology</i> , <b>2009</b> , 18, 2063-75	5.7	24
211	Mating call pattern of Green toads in Israel and its ecological correlate. <i>Journal of Zoology</i> , <b>2009</b> , 178, 133-145	2	24



210	Ecological genomics of natural plant populations: the Israeli perspective. <i>Methods in Molecular Biology</i> , <b>2009</b> , 513, 321-44	1.4	9
209	Mapping of the eibi1 gene responsible for the drought hypersensitive cuticle in wild barley ( <i>Hordeum spontaneum</i> ). <i>Breeding Science</i> , <b>2009</b> , 59, 21-26	2	14
208	Genetic targeting of candidate genes for drought sensitive gene eibi1 of wild barley ( <i>Hordeum spontaneum</i> ). <i>Breeding Science</i> , <b>2009</b> , 59, 637-644	2	7
207	Scorpion biodiversity and interslope divergence at "evolution canyon", lower Nahal Oren microsite, Mt. Carmel, Israel. <i>PLoS ONE</i> , <b>2009</b> , 4, e5214	3.7	17
206	Molecular evolution of dimeric alpha-amylase inhibitor genes in wild emmer wheat and its ecological association. <i>BMC Evolutionary Biology</i> , <b>2008</b> , 8, 91	3	31
205	Identifying the fundamental units of bacterial diversity: a paradigm shift to incorporate ecology into bacterial systematics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 2504-9	11.5	248
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