

## SCIENTIFIC PUBLICATIONS: RAMAT HANADIV 2000-2024

### *Peer-reviewed articles*

	TITLE	AUTHORS	JOURNAL	YEAR	TOPICS	LINK
1	Avoiding visitors to a protected area increases predation risk for the endangered mountain gazelle	Zukerman, Y., Arnon, A., Roll, U., Berger-Tal, O.	<i>People and Nature</i>	2024	Conservation ecology	<a href="https://doi.org/10.1002/pan3.10659">https://doi.org/10.1002/pan3.10659</a>
2	Utilizing treated wastewater for pasture irrigation: Effects on productivity, plant community structure and soil properties	Lavi, R., Bar-Massada, A., Dovrat, G.	<i>Grass and Forage Science</i>	2024	Irrigation, pasture, species richness, wastewater	<a href="https://doi.org/10.1111/gfs.12652">https://doi.org/10.1111/gfs.12652</a>
3	The native distribution of a common legume shrub is limited by the range of its nitrogen-fixing mutualist	Alon, M., Waitz, Y., M. Finkel, O., Sheffer, E.	<i>New Phytologist</i>	2024	Geographical distribution, microbiome, nitrogen fixation	<a href="https://doi.org/10.1111/nph.19577">https://doi.org/10.1111/nph.19577</a>
4	Impact of meteorological conditions on the biogenic volatile organic compound (BVOC) emission rate from eastern Mediterranean vegetation under drought	Li, Q., Lerner, G., Bar, E., Lewinsohn, E., and Tas, E.	<i>Biogeosciences</i>	2024	Biogenic volatile organic compounds, climate change	<a href="https://doi.org/10.5194/bg-21-4133-2024">https://doi.org/10.5194/bg-21-4133-2024</a>
7	Contrasting responses to aridity by different-sized decomposers cause similar decomposition rates across a precipitation gradient	Torsekar, V. R., Sagi, N., Daniel, J. A., Hawlena, Y., Gavish-Regev, E., & Hawlena, D.	<i>eLife</i>	2024	Decomposition, aridity, precipitation	<a href="https://doi.org/10.7554/eLife.93656.3">https://doi.org/10.7554/eLife.93656.3</a>

8	Vocalisation in wild-living mountain gazelles ( <i>Gazella gazella</i> ): structure and context of acoustical signals	Arnon, A., Koyama, N. F., & Wronski, T.	<i>Behaviour</i>	2024	Environmental Sciences, Biology	<a href="https://doi.org/10.1163/1568539X-bja10283">https://doi.org/10.1163/1568539X-bja10283</a>
10	The Landscapes of Mt. Carmel: A Remarkable Record of Geological and Geomorphological History.	Shtober-Zisu, N.	<i>Landscapes and Landforms of Israel</i>	2024	landforms of Mt. Carmel	<a href="https://doi.org/10.1007/978-3-031-44764-8_9">https://doi.org/10.1007/978-3-031-44764-8_9</a>
12	Instantaneous intraday changes in key meteorological parameters as a proxy for the mixing ratio of BVOCs over vegetation under drought conditions	Li, Q., Gabay, M., Dayan, C., Misztal, P., Guenther, A., Fredj, E., and Tas, E.	<i>EGUsphere</i>	2024	BVOC, drought, vegetation	<a href="https://doi.org/10.5194/egusphere-2024-717">https://doi.org/10.5194/egusphere-2024-717</a>
20	Exploring the Impact of Nutrition, Cattle, Humans, and Predators on the Mountain Gazelle ( <i>Gazella Gazella</i> ) Livability in Israel	Arnon, A. I.	<i>Doctoral dissertation, University of Haifa</i>	2024	mountain gazelle	<a href="https://www.proquest.com/openview/be9a5cf0342715bffa07e22861d4e08f/1?pg-origsite=gscholar&amp;cbl=2026366&amp;diss=y">https://www.proquest.com/openview/be9a5cf0342715bffa07e22861d4e08f/1?pg-origsite=gscholar&amp;cbl=2026366&amp;diss=y</a>
24	The Israeli Planning Framework	Sar Shalom, A., Peled, Y., Singer, R., Amit-Cohen, I., Rich, R., Sasson, A., & Rosenberg, E.	<i>Cultural Landscapes of Israel</i>	2024	Cultural landscapes	<a href="https://link.springer.com/chapter/10.1007/978-3-031-33685-0_4">https://link.springer.com/chapter/10.1007/978-3-031-33685-0_4</a>
28	Extreme temperatures impede the release success of captive-bred avian scavengers	Anglister, N., Acacio, M., Vaadia, G., Arnon, E. A., Bruer, M. B., Hatzofe, O., ... & Spiegel, O.	<i>bioRxiv</i>	2024	Captive-bred avian scavengers	<a href="https://doi.org/10.1101/2024.03.14.585025">https://doi.org/10.1101/2024.03.14.585025</a>
29	Cultural landscapes in Israel	Sar Shalom, A., Peled, Y., Singer, R., Amit-Cohen, I., Rich, R., Sasson, A., & Rosenberg, E.	<i>Cultural Landscapes of Israel (book)</i>	2024	Cultural landscapes	<a href="https://doi.org/10.1007/978-3-031-33685-0_3">https://doi.org/10.1007/978-3-031-33685-0_3</a>

31	Factors affecting the individual probability of infection with a prevalent pathogen ( <i>Mycoplasma</i> ) and the effect on Griffon vultures' movement behavior	Anglister, N., Crafton, M., Avraham Saada, O., Acacio, M., Vaadia, G., Hatzofe, O., ... & Spiegel, O.	<i>bioRxiv</i>	2024	Griffon vultures, <i>Mycoplasma</i>	<a href="https://doi.org/10.1101/2024.08.01.606137">https://doi.org/10.1101/2024.08.01.606137</a>
5	Nature interactions and their associations with connection to nature and well-being varies between different types of green spaces	Fleming, W., Shwartz, A.	People and Nature	2023	Urban ecology	<a href="https://doi.org/10.1002/pan3.10479">https://doi.org/10.1002/pan3.10479</a>
6	The association of arable weeds with modern wild cereal habitats: implications for reconstructing the origins of plant cultivation in the Levant	Weide, A., Hodgson, J. G., Leschner, H., Dovrat, G., Whitlam, J., Manela, N., ... & Bogaard, A.	Environmental Archaeology	2023	arable weeds, wild cereals, origins of agriculture	<a href="https://doi.org/10.1080/14614103.2021.1882715">https://doi.org/10.1080/14614103.2021.1882715</a>
9	Successful righting response in the Mediterranean Spur-thighed Tortoise, <i>Testudo graeca terrestris</i> Forskål, 1775, occurs only during the mating season and primarily by sexually motivated mature males	Bernheim, M., & Shanas, U.	Herpetology Notes	2023	pre-copulatory behaviour, sexual dimorphism, mating season	<a href="https://www.biotaxa.org/hn/article/view/64513">https://www.biotaxa.org/hn/article/view/64513</a>
11	Milking performance and plant specialized metabolites in the milk of goats fed silage from willow ( <i>Salix acmophylla</i> ) irrigated with saline water	Landau, S. Y., Glasser, T. A., Zachut, M., Klein, J. D., Deutch-Traubman, T., Voet, H., ... & Davidovich-Rikanati, R.	Livestock Science	2023	Willow-fed goats, Milking performance	<a href="https://doi.org/10.1016/j.livsci.2023.105205">https://doi.org/10.1016/j.livsci.2023.105205</a>

14	Molecular identification of individual and seasonal variation in incidental ingestion of arthropods by free-ranging goats	Berman, T. S., & Inbar, M.	Frontiers in Ecology and Evolution	2023	Free-ranging goats, plant-dwelling arthropods	<a href="https://doi.org/10.3389/fevo.2022.1070088">https://doi.org/10.3389/fevo.2022.1070088</a>
18	Acclimation limits for embolism resistance and osmotic adjustment accompany the geographical dry edge of Mediterranean species.	Alon, A., Cohen, S., Burlett, R., Hochberg, U., Lukyanov, V., Rog, I., ... & David-Schwartz, R.	Functional Ecology	2023	Drought, Osmotic adjustment	<a href="https://doi.org/10.1111/1365-2435.14289">https://doi.org/10.1111/1365-2435.14289</a>
22	Grazing as a Management Tool in Mediterranean Pastures: A Meta-Analysis Based on A Literature Review	Oikonomou, D., Vrahnakis, M., Yiakoulaki, M., Xanthopoulos, G., & Kazoglou, Y.	Land	2023	Grazing, Mediterranean-climate regions	<a href="https://doi.org/10.3390/land12071290">https://doi.org/10.3390/land12071290</a>
23	Plasma cholinesterase activity: A benchmark for rapid detection of pesticide poisoning in an avian scavenger.	Anglister, N., Gonen-Shalom, S., Shlanger, P., Blotnick-Rubin, E., Rosenzweig, A., Horowitz, I., ... & Spiegel, O.	Science of The Total Environment	2023	pesticide poisoning, Plasma cholinesterase activity	<a href="https://doi.org/10.1016/j.scitotenv.2023.162903">https://doi.org/10.1016/j.scitotenv.2023.162903</a>
26	A single-point modeling approach for the intercomparison and evaluation of ozone dry deposition across chemical transport models (Activity 2 of AQMEII4)	Emberson, L. D., Clifton, O., Coyle, M., Flemming, J., Ganzeveld, L., Holmes, C. D., ... & Wu, Z.	Atmospheric Chemistry and Physics	2023	ozone	<a href="https://doi.org/10.5194/acp-23-9911-2023">https://doi.org/10.5194/acp-23-9911-2023</a>
27	Wild ungulate density data generated by camera trapping in 37 European areas: first output of the European Observatory of Wildlife	Guerrasio, T., Pelayo Acevedo, P., Apollonio, M., Arnon, A., Barroqueiro, C., ... & Vicente, J.	EFSA Supporting Publications	2023	Monitoring wildlife populations	<a href="https://doi.org/10.2903/sp.efsa.2023.EN-7892">https://doi.org/10.2903/sp.efsa.2023.EN-7892</a>

13	A new functional ecological model reveals the nature of early plant management in southwest Asia	Weide, A., Green, L., Hodgson, J.G. et al.	Nature Plants	2022	Early plant management	<a href="https://doi.org/10.1038/s41477-022-01161-7">https://doi.org/10.1038/s41477-022-01161-7</a>
15	Postrelease survival of captive-bred Egyptian Vultures is similar to that of wild-hatched Egyptian Vultures and is not affected by release age or season	Efrat, R., Hatzofe, O., Miller, Y., Mueller, T., Sapir, N., & Berger-Tal, O.	Ornithological Applications	2022	Captive-bred Egyptian Vultures	<a href="https://doi.org/10.1093/ornithapp/duab065">https://doi.org/10.1093/ornithapp/duab065</a>
16	B-A Chromosome Translocations Possessing an A Centromere Partly Overcome the Root-Restricted Process of Chromosome Elimination in <i>Aegilops speltoides</i>	Li, D., Ruban, A., Fuchs, J., Kang, H., & Houben, A.	Frontiers in Cell and Developmental Biology	2022	<i>Aegilops speltoides</i>	<a href="https://doi.org/10.3389/fcell.2022.875523">https://doi.org/10.3389/fcell.2022.875523</a>
17	Effect of water quality on the biomass production, nutritional value, and contents of secondary compounds of three genotypes of willow ( <i>Salix acmophylla</i> Boiss.) grown for fodder.	Muklada, H., Schwartz, A., Davidovich-Rikanati, R., Klein, J. D., Deutch-Traubman, T., Voet, H., ... & Landau, S. Y.	Animal Feed Science and Technology	2022	Wastewater irrigation, Willow	<a href="https://doi.org/10.1016/j.anifeedsci.2022.115424">https://doi.org/10.1016/j.anifeedsci.2022.115424</a>
21	Entourage effect for phenolic compounds on production and metabolism of mammary epithelial cells	Shalev, Y., Hadaya, O., Bransi-Nicola, R., Landau, S. Y., Azaizeh, H., Muklada, H., ... & Argov-Argaman, N.	Heliyon	2022	Mammary gland, Triglyceride, Casein, Polyphenol	<a href="https://doi.org/10.1016/j.heliyon.2022.e09025">https://doi.org/10.1016/j.heliyon.2022.e09025</a>
25	Combined drought resistance strategies and the hydraulic limit in co-existing Mediterranean woody species	Alon, A., Cohen, S., Burlett, R., Hochberg, U., Lukyanov, V., Rog, I., ... & David-Schwartz, R.	bioRxiv	2022	drought, Woody species	<a href="https://doi.org/10.1101/2022.04.01.486704">https://doi.org/10.1101/2022.04.01.486704</a>

30	Long term ecological research as a learning environment: evaluating its impact in developing the understanding of ecological systems thinking—a case study.	Dor-Haim, S., & Ben Zvi Assaraf, O.	Fostering Understanding of Complex Systems in Biology Education. Contributions from Biology Education Research (book)	2022	Long-Term Ecosystem Research	<a href="https://doi.org/10.1007/978-3-030-98144-0_2">https://doi.org/10.1007/978-3-030-98144-0_2</a>
32	A new functional ecological model reveals the nature of early plant management in southwest Asia.	Weide, A., Green, L., Hodgson, J. G., Douché, C., Tengberg, M., Whitlam, J., ... & Bogaard, A.	Nature Plants	2022	Ancient plant management, archaeology, wheat	<a href="https://www.nature.com/articles/s41477-022-01161-7">https://www.nature.com/articles/s41477-022-01161-7</a>
33	Saving forests from climate change—can livestock grazing reduce the vulnerability of trees to drought?	Grünzweig, J., Hasson, O., Burrows, L., Navon, Y., Klein, T., & Osem, Y.	Copernicus Meetings	2022	Climate change, grazing.	<a href="https://meetingorganizer.copernicus.org/EGU22/EGU22-9367.html">https://meetingorganizer.copernicus.org/EGU22/EGU22-9367.html</a>
34	Postrelease survival of captive-bred Egyptian Vultures is similar to that of wild-hatched Egyptian Vultures and is not affected by release age or season.	Efrat, R., Hatzofe, O., Miller, Y., Mueller, T., Sapir, N., & Berger-Tal, O.	Ornithological Applications	2022	Breeding program for endangered species	<a href="https://academic.oup.com/condor/article-abstract/124/2/duab065/6516780">https://academic.oup.com/condor/article-abstract/124/2/duab065/6516780</a>
35	Wild boars' foraging and risk perception — variation among urban, natural, and agricultural areas	Davidson, A., Malkinson, D., & Shanas, U.	Journal of Mammalogy.	2022	Hunan-wildlife interactions, wild boars	<a href="https://academic.oup.com/jmammal/advance-article-abstract/doi/10.1093/jmammal/gyac014/6554119">https://academic.oup.com/jmammal/advance-article-abstract/doi/10.1093/jmammal/gyac014/6554119</a>
36	Do boars compensate for hunting with higher reproductive hormones?	Davidson, A., Malkinson, D., Schonblum, A., Koren, L., & Shanas, U.	Conservation physiology	2021	Hunan-wildlife interactions, wild boars	<a href="https://www.tandfonline.com/doi/abs/10.1080/14614103.2021.1882715">https://www.tandfonline.com/doi/abs/10.1080/14614103.2021.1882715</a>

37	The association of arable weeds with modern wild cereal habitats: Implications for reconstructing the origins of plant cultivation in the Levant.	Weide, A., Hodgson, J. G., Leschner, H., Dovrat, G., Whitlam, J., Manela, N., ... & Bogaard, A.	Environmental Archaeology	2021	Agro-ecology, Archaeology; Agriculture	<a href="https://www.tandfonline.com/doi/abs/10.1080/14614103.2021.1882715">https://www.tandfonline.com/doi/abs/10.1080/14614103.2021.1882715</a>
38	Envisioning future landscapes: A data-based visualization model for ecosystems under alternative management scenarios	Hadar, L., Orenstein, D. E., Carmel, Y., Mulder, J., Kirchhoff, A., Perevolotsky, A., & Osem, Y.	Landscape and Urban Planning	2021	Science communication, data-based visualization	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0169204621001778">https://www.sciencedirect.com/science/article/abs/pii/S0169204621001778</a>
39	COVID-19 related travel restrictions prevented numerous wildlife deaths on roads: A comparative analysis of results from 11 countries	Bíl, M., Andrášik, R., Cícha, V., Arnon, A., Kruuse, M., Langbein, J., ... & Seiler, A.	Biological Conservation	2021	Wildlife, Roadkill, Ecological corridors	<a href="https://doi.org/10.1016/j.biocon.2021.109076">https://doi.org/10.1016/j.biocon.2021.109076</a>
40	Ensiling willow ( <i>Salix acmophylla</i> ) fodder modifies the contents of plant specialized metabolites, but not nutritional attributes	Muklada, H., Davidovich-Rikanati, R., Awabdeh, S., Weinberg, Z. G., Hen, Y., Deutch, T., ... & Landau, S. Y.	Animal Feed Science and Technology	2021	Sustainability, goat diet & health	<a href="https://doi.org/10.1016/j.anifeedsci.2021.115019">https://doi.org/10.1016/j.anifeedsci.2021.115019</a>
41	Emission of biogenic volatile organic compounds from warm and oligotrophic seawater in the Eastern Mediterranean	Dayan, C., Fredj, E., Misztal, P. K., Gabay, M., Guenther, A. B., & Tas, E.	Atmospheric Chemistry and Physics	2020	Air pollution & vegetation	<a href="https://acp.copernicus.org/articles/20/12741/2020/">https://acp.copernicus.org/articles/20/12741/2020/</a>
42	When the winners are the losers: Invasive alien bird species outcompete the native winners in the biotic homogenization process	Colléony, A., & Schwartz, A.	Biological Conservation	2020	Bird community, Invasive species	<a href="https://doi.org/10.1016/j.biocon.2019.108314">https://doi.org/10.1016/j.biocon.2019.108314</a>

43	Measurement-based investigation of ozone deposition to vegetation under the effects of coastal and photochemical air pollution in the Eastern Mediterranean	Li, Q. et al.	Science of Total Environment	2020	Air pollution	<a href="https://doi.org/10.1016/j.scitotenv.2018.07.037">https://doi.org/10.1016/j.scitotenv.2018.07.037</a>
44	The effect of willow fodder feeding on immune cell populations in the blood and milk of late-lactating dairy goats.	Muklada, H. et al.	Animal	2020	Sustainability, goat diet & health	<a href="https://doi.org/10.1017/S1751731120001494">https://doi.org/10.1017/S1751731120001494</a>
45	Meta-analysis of multidecadal biodiversity trends in Europe	Pilotto, F., .... Hadar, L., et al.	Nature Communications	2020	LTER, biodiversity	<a href="https://doi.org/10.1038/s41467-020-17171">https://doi.org/10.1038/s41467-020-17171</a>
46	Increased songbird nest depredation due to Aleppo pine ( <i>Pinus halepensis</i> ) encroachment in Mediterranean shrubland	Ben-David, A., et al.	BMC ecology	2019	Wildlife, Invasive species	<a href="https://link.springer.com/article/10.1186/s12898-019-0270-8">https://link.springer.com/article/10.1186/s12898-019-0270-8</a>
47	Investigation of ozone deposition to vegetation under warm and dry conditions near the Eastern Mediterranean coast.	Li, Q., Gabay, M., Rubin, Y., Raveh-Rubin, S., Rohatyn, S., Tatarinov, F., ... & Tas, E.	Science of the Total Environment	2019	Air pollution & vegetation	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0048969718351453">https://www.sciencedirect.com/science/article/abs/pii/S0048969718351453</a>
48	Innate ability of goats to sense and avoid ingestion of noxious insects while feeding.	Berman, T. S., et al.	<i>Royal Society open science</i>	2019	Plant-animal interactions	<a href="https://royalsocietypublishing.org/doi/full/10.1098/rsos.181078">https://royalsocietypublishing.org/doi/full/10.1098/rsos.181078</a>
49	Goats adjust their feeding behaviour to avoid the ingestion of different insect species.	Berman, T. S., et al.	<i>Canadian Journal of Zoology</i>	2019	Plant-animal interactions	<a href="https://cdnsciencepub.com/doi/abs/10.1139/cjz-2019-0010#.Xk-XamjXLIV">https://cdnsciencepub.com/doi/abs/10.1139/cjz-2019-0010#.Xk-XamjXLIV</a>



50	Weighting the effects of spatial cognition and activity anchors on time-space activity	Grinberger, A.Y.	<i>The Professional Geographer</i>	2019	Visitors, Socio-ecology	<a href="https://doi.org/10.1080/00330124.2018.1455523">https://doi.org/10.1080/00330124.2018.1455523</a>
51	Volatiles and Tannins in Pistacia lentiscus and Their Role in Browsing Behavior of Goats ( <i>Capra hircus</i> )	Navon, S., et al.	<i>Journal of Chemical Ecology</i>	2019	Grazing management/ Natural vegetation	<a href="https://doi.org/10.1007/s10886-019-01124-x">https://doi.org/10.1007/s10886-019-01124-x</a>
52	Differential drought resistance strategies of co-existing woodland species enduring the long rainless Eastern Mediterranean summer	Väänänen, P. J. et al.	<i>Tree Physiology</i>	2019	Plant Eco physiology	<a href="https://doi.org/10.1093/treephys/tpz130">https://doi.org/10.1093/treephys/tpz130</a>
53	Measurement-based investigation of ozone deposition to vegetation under the effects of coastal and photochemical air pollution in the Eastern Mediterranean.	Li, Q., Gabay, M., Rubin, Y., Fredj, E., & Tas	<i>Science of the Total Environment</i>	2018	Air pollution & vegetation	<a href="https://www.sciencedirect.com/science/article/abs/pii/S004896971832518X">https://www.sciencedirect.com/science/article/abs/pii/S004896971832518X</a>
54	Opportunity costs of alternative management options in a protected nature park: The case of Ramat Hanadiv, Israel	Divinski, I., et al.	<i>Land Use Policy</i>	2018	Land Use policy	<a href="https://doi.org/10.1016/j.landusepol.2017.11.015">https://doi.org/10.1016/j.landusepol.2017.11.015</a>
55	Higher rates of decomposition in standing vs. surface litter in a Mediterranean ecosystem during the dry and the wet seasons	Gliksman, D. et al.	<i>Plant and Soil</i>	2018	Biogeochemistry	<a href="https://doi.org/10.1007/s11104-018-3696-4">https://doi.org/10.1007/s11104-018-3696-4</a>
56	Initial evaluation of willow ( <i>Salix acmophylla</i> ) irrigated with treated wastewater as a fodder crop for dairy goats	Muklada, H. et al.	<i>Small Ruminant Res.</i>	2018	Sustainability, water waste management	<a href="https://doi.org/10.1016/j.smallrumres.2017.10.013">https://doi.org/10.1016/j.smallrumres.2017.10.013</a>

57	Increased mammal nocturnality in agricultural landscapes results in fragmentation due to cascading effects	Shamoon, H. et al	<i>Biological Conservation</i>	2018	Wildlife	<a href="https://doi.org/10.1016/j.biocon.2018.07.028">https://doi.org/10.1016/j.biocon.2018.07.028</a>
58	Visitor trampling impacts on soil and vegetation: the case study of Ramat Hanadiv Park, Israel.	Bar, P.	<i>Israel Journal of Plant Sciences</i>	2017	Visitors	<a href="https://doi.org/10.1080/07929978.2016.1267507">https://doi.org/10.1080/07929978.2016.1267507</a>
59	Grazing and temporal turnover in herbaceous communities in a Mediterranean landscape	Bar-Massada, A. & Hadar, L.	<i>Journal of Vegetation Science</i>	2017	Grazing & plant diversity	<a href="https://doi.org/10.1111/jvs.12489">https://doi.org/10.1111/jvs.12489</a>
60	How goats avoid ingesting noxious insects while feeding.	Berman, T. S., et al.	<i>Scientific reports</i>	2017	Plant-animal interactions	<a href="https://www.nature.com/articles/s41598-017-14940-6">https://www.nature.com/articles/s41598-017-14940-6</a>
61	Adaptive management at the Ramat Hanadiv Nature Park, Israel: Expectations vs. Reality in a dry Mediterranean ecosystem.	Hadar, L., & Perevolotsky, A.	<i>6th Symposium for Research in Protected Areas</i>	2017	Adaptive management	<a href="http://www.parcns.at/npa/pdf_public/2018/36330_20180524_085723_058_Hadar_FINAL_4p_pag.pdf">http://www.parcns.at/npa/pdf_public/2018/36330_20180524_085723_058_Hadar_FINAL_4p_pag.pdf</a>
62	Milk composition in Damascus, Mamber and F1 Alpine crossbred goats under grazing or confinement management	Hadayaa, O., et al.	<i>Small Ruminant Research</i>	2017	Goat diet & health	<a href="https://doi.org/10.1016/j.smallrumres.2017.04.002">https://doi.org/10.1016/j.smallrumres.2017.04.002</a>
63	A comparative framework for assessing sustainability initiatives at the regional scale	Orenstein, D. E., & Shach-Pinsley, D.	<i>World Development</i>	2017	Socio-ecology	<a href="https://doi.org/10.1016/j.worlddev.2017.04.030">https://doi.org/10.1016/j.worlddev.2017.04.030</a>
64	Fine-scale temporal and spatial population fluctuations of medium sized carnivores in a Mediterranean agricultural matrix	Shamoon, H., Saltz, D., Dayan, T.	<i>Landscape Ecology</i>	2017	Wildlife	<a href="https://link.springer.com/article/10.1007/s10980-017-0517-8">https://link.springer.com/article/10.1007/s10980-017-0517-8</a>

65	Cattle grazing effects on mountain gazelles in Mediterranean natural landscapes	Shamoon, H.	<i>The Journal of Wildlife Management</i>	2017	Wildlife	<a href="https://doi.org/10.1002/jwmg.21323">https://doi.org/10.1002/jwmg.21323</a>
66	Milk fat globule size, phospholipid contents and composition of milk from purebred and Alpine-crossbred Mid-Eastern goats under confinement or grazing condition.	Argov-Argaman et al.	<i>International Dairy Journal</i>	2016	Goat diet & health	<a href="https://doi.org/10.1016/j.idairyj.2015.12.003">https://doi.org/10.1016/j.idairyj.2015.12.003</a>
67	Targeted grazing of milk thistle ( <i>Silybum marianum</i> ) and Syrian thistle ( <i>Notobasis syriaca</i> ) by goats: Preference following preconditioning, generational transfer, and toxicity.	Arviv, A., et al.	<i>Animal Behaviour Science</i>	2016	Grazing management	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0168159116300685?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S0168159116300685?via%3Dihub</a>
68	The response of Mediterranean herbaceous community to soil disturbance by native wild boars.	Dovrat, G., et al.	<i>Plant ecology</i>	2014	Wildlife; Plant-animal interactions	<a href="https://doi.org/10.1007/s11258-014-0321-3">https://doi.org/10.1007/s11258-014-0321-3</a>
69	Grazing management aimed at producing landscape mosaics to restore and enhance biodiversity in Mediterranean ecosystems	Glasser, T.A. & Hadar, L.	<i>Options Méditerranéennes</i>	2014	Grazing management	<a href="#">Link to article</a>
70	Do phytoliths play an antiherbivory role in southwest Asian Asteraceae species and to what extent?	Katz, O., et al.	<i>Flora-Morphology, Distribution, Functional Ecology of Plants</i>	2014	Plant ecology	<a href="https://doi.org/10.1016/j.flora.2014.03.010">https://doi.org/10.1016/j.flora.2014.03.010</a>

71	Between Phoenicia and Judaea: Preliminary Results of the 2007–2010 Excavation Seasons at Horvat 'Eleq, Ramat Ha-Nadiv, Israel.	Peleg-Barkat, O., and Tepper, Y.	<i>Strata: The Bulletin of the Anglo-Israel Archaeological Society</i>	2014	Archaeology	<a href="https://cris.haifa.ac.il/en/publications/between-phoenicia-and-judaea-preliminary-results-of-the-20072010-">https://cris.haifa.ac.il/en/publications/between-phoenicia-and-judaea-preliminary-results-of-the-20072010-</a>
72	Self-medication with tannin-rich browse in goats infected with gastrointestinal nematodes.	Amit, M., et al.	<i>Vet. Parasitology</i>	2013	Goat diet & health	<a href="https://doi.org/10.1016/j.vetpar.2013.09.019">https://doi.org/10.1016/j.vetpar.2013.09.019</a>
73	Plasticity and variability in the patterns of phytolith formation in Asteraceae species along a large rainfall gradient in Israel	Katz, O., et al.	<i>Flora-Morphology, Distribution, Functional Ecology of Plants</i>	2013	Plant ecology	<a href="https://doi.org/10.1016/j.flora.2013.07.005">https://doi.org/10.1016/j.flora.2013.07.005</a>
74	A framework for systematic conservation planning and management of Mediterranean landscapes	Levin, N., et al.	<i>Biological Conservation</i>	2013	Conservation planning	<a href="https://doi.org/10.1016/j.biocon.2012.08.032">https://doi.org/10.1016/j.biocon.2012.08.032</a>
75	Automated segmentation of vegetation structure units in a Mediterranean landscape	Bar Massada, A. et al.	<i>International Journal of Remote Sensing</i>	2012	Remote sensing	<a href="https://doi.org/10.1080/01431161.2010.532173">https://doi.org/10.1080/01431161.2010.532173</a>
76	Automated segmentation of vegetation structure units in a Mediterranean landscape	Bar Massada, A., et al.	<i>International Journal of Remote Sensing</i>	2012	Remote sensing	<a href="http://dx.doi.org/10.1080/01431161.2010.532173">http://dx.doi.org/10.1080/01431161.2010.532173</a>
77	Woody vegetation patch types affect herbaceous species richness and composition in a Mediterranean ecosystem	Blank, L., & Carmel, Y.	<i>Community Ecology</i>	2012	Plant ecology	<a href="https://doi.org/10.1556/ComEc.13.2012.1.9">https://doi.org/10.1556/ComEc.13.2012.1.9</a>

78	Wild boars as seed dispersal agents of exotic plants from agricultural lands to conservation areas	Dovrat, G., et al.	<i>Journal of Arid Environments</i>	2012	Wildlife	<a href="https://doi.org/10.1016/j.jaridenv.2011.11.011">https://doi.org/10.1016/j.jaridenv.2011.11.011</a>
79	Goat farming and landscape management: from controlled research to controlled grazing	Glasser, T. A., et al.	<i>Animal farming and environmental interactions in the Mediterranean region</i>	2012	Grazing management	<a href="https://doi.org/10.3920/978-90-8686-741-7_10">https://doi.org/10.3920/978-90-8686-741-7_10</a>
80	Foraging selectivity of three goat breeds in a Mediterranean shrubland	Glasser, T.A. et al.	<i>Small Ruminant Research</i>	2012	Grazing management	<a href="https://doi.org/10.1016/j.smallrumres.2011.09.009">https://doi.org/10.1016/j.smallrumres.2011.09.009</a>
81	Recreation as an ecosystem service in open landscapes in the Mediterranean region in Israel: Public preferences	Koniak, G. et al.	<i>Israel Journal of Ecology &amp; Evolution</i>	2011	Visitors, Socio-ecology	<a href="https://www.tandfonline.com/doi/abs/10.1560/IJEE.57.1-2.151">https://www.tandfonline.com/doi/abs/10.1560/IJEE.57.1-2.151</a>
82	Modelling dynamics of ecosystem services basket in Mediterranean landscapes: a tool for rational management	Koniak, G., et al.	<i>Landscape Ecology</i>	2011	Management & ecosystem services	<a href="https://doi.org/10.1007/s10980-010-9540-8">https://doi.org/10.1007/s10980-010-9540-8</a>
83	Ground spider communities in experimentally disturbed Mediterranean woodland habitats	Lubin, Y., et al.	<i>Arachnologische Mitteilungen</i>	2011	Wildlife & Management	<a href="https://arages.de/10.5431/aramit4010">https://arages.de/10.5431/aramit4010</a>
84	Colonization of <i>Pinus halepensis</i> in Mediterranean habitats: consequences of afforestation, grazing and fire	Osem, Y., et al.	<i>Biological Invasions</i>	2011	Vegetation, Invasive species	<a href="https://link.springer.com/article/10.1007%2Fs10530-010-9843-3">https://link.springer.com/article/10.1007%2Fs10530-010-9843-3</a>
85	Geophytes–herbivore interactions: reproduction and population dynamics of <i>Anemone coronaria</i> L.	Perevolotsky, A. et al.	<i>Plant Ecology</i>	2011	Plant ecology, Grazing	<a href="https://europemc.org/article/agr/ind44515024">https://europemc.org/article/agr/ind44515024</a>

86	Atmospheric water vapor as driver of litter decomposition in Mediterranean shrubland and grassland during rainless seasons	Dirks, I., et al.	<i>Global Change Biology</i>	2010	Biogeochemistry, Climate change	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1365-2486.2010.02172.x">https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1365-2486.2010.02172.x</a>
87	How much browse is available for goats that graze Mediterranean woodlands?	Evlagon, D., et al.	<i>Small Ruminant Research</i>	2010	Grazing management	<a href="https://doi.org/10.1016/j.smallrumres.2010.07.008">https://doi.org/10.1016/j.smallrumres.2010.07.008</a>
88	No Major Role for Binding by Salivary Proteins as a Defense Against Dietary Tannins in Mediterranean Goats	Hanovice-Ziony, M. et al.	<i>Journal of Chemical Ecology</i>	2010	Grazing management	<a href="https://link.springer.com/article/10.1007/s10886-010-9809-z">https://link.springer.com/article/10.1007/s10886-010-9809-z</a>
89	Why do many galls have conspicuous colors? A new hypothesis.	Inbar, M., et al.	<i>Arthropod-Plant Interactions</i>	2010	Plant-animal interactions	<a href="https://link.springer.com/article/10.1007/s11829-009-9082-7">https://link.springer.com/article/10.1007/s11829-009-9082-7</a>
90	Recreation as an ecosystem service in open landscapes in the Mediterranean region in Israel: Public preferences	Koniak, G. et al.	<i>Israel Journal of Ecology and Evolution</i>	2010	Visitors, Socio-ecology	<a href="https://doi.org/10.1560/IJEE.57.1-2.151">https://doi.org/10.1560/IJEE.57.1-2.151</a>
91	The effects of disturbance-based management on the dynamics of Mediterranean vegetation: A hierarchical and spatially explicit modeling approach	Bar Massada, A. et al.	<i>Ecological Modelling</i>	2009	Vegetation management, Modelling	<a href="https://doi.org/10.1016/j.ecolmodel.2009.06.002">https://doi.org/10.1016/j.ecolmodel.2009.06.002</a>
92	Breed and maternal effects on the intake of tannin-rich browse by juvenile domestic goats ( <i>Capra hircus</i> )	Glasser, T.A. et al.	<i>Applied Animal Behaviour Science</i>	2009	Grazing management	<a href="https://doi.org/10.1016/j.applanim.2009.02.028">https://doi.org/10.1016/j.applanim.2009.02.028</a>
93	The effect of polyethylene glycol on browsing behaviour of beef cattle in a tanniferous shrubby Mediterranean range	Henkin, Z. et al.	<i>Livestock Science</i>	2009	Grazing management	<a href="https://doi.org/10.1016/j.livsci.2009.07.008">https://doi.org/10.1016/j.livsci.2009.07.008</a>

94	A hierarchical, multi-scale, management-responsive model of Mediterranean vegetation dynamics	Koniak, G. & Noy-Meir, I.	<i>Ecological Modelling</i>	2009	Vegetation management, Modelling	<a href="https://doi.org/10.1016/j.ecolmodel.2009.01.036">https://doi.org/10.1016/j.ecolmodel.2009.01.036</a>
95	Estimating multiple benefits from vegetation in Mediterranean ecosystems	Koniak, G. et al.	<i>Biodiversity and Conservation</i>	2009	Management & ecosystem services	<a href="https://link.springer.com/article/10.1007%2Fs10531-009-9656-9">https://link.springer.com/article/10.1007%2Fs10531-009-9656-9</a>
96	Roe deer and decapitated Anemone flowers	Wallach, A.D. et al.	<i>Israel Journal of Plant Sciences</i>	2009	Wildlife	<a href="https://brill.com/view/journals/ijps/57/1-2/article-p103_10.xml?lang=en">https://brill.com/view/journals/ijps/57/1-2/article-p103_10.xml?lang=en</a>
19	The Influence of Breed and Maternal Education on Goat Kids' Intake of a Tannin-Rich Shrub Intake of a Tannin Rich Shrub	Glasser, T. A., Landau, S. Y., Perevolotsky, A., Muklada, H., & Ungar, E. D.	<i>21st International Grassland Congress</i>	2008	Goat ,Pistacia lentiscus, diet learning , tannins	<a href="https://uknowledge.uky.edu/igc/21/9-2/37">https://uknowledge.uky.edu/igc/21/9-2/37</a>
97	Quantifying the effect of grazing and shrub-clearing on small scale spatial pattern of vegetation	Bar Massada, A., et al.	<i>Landscape Ecology</i>	2008	Vegetation management & biodiversity	<a href="https://doi.org/10.1007/s10980-007-9189-0">https://doi.org/10.1007/s10980-007-9189-0</a>
98	Landscape mosaic for enhancing biodiversity: On what scale and how to maintain it?	Gabbay, O., et al.	<i>Options Méditerranéennes</i>	2008	Vegetation management & biodiversity	<a href="https://agris.fao.org/agris-search/search.do?recordID=QC2008600080">https://agris.fao.org/agris-search/search.do?recordID=QC2008600080</a>
99	A fecal NIRS-aided methodology to determine goat dietary composition in a Mediterranean shrubland	Glasser, T.A., et al.	<i>Journal of Animal Science</i>	2008	Grazing management	<a href="http://jas.fass.org">http://jas.fass.org</a>
100	A Multi-source Portable LED Spectrofluorometer.	Obeidat, S.M. et al.	<i>Applied Spectroscopy</i>	2008	Innovative technology, management	<a href="https://www.osapublishing.org/as/abstract.cfm?uri=as-62-3-327">https://www.osapublishing.org/as/abstract.cfm?uri=as-62-3-327</a>
101	Note: The Role of Seasonality and Climatic Factors in Shaping the Community Composition of Mediterranean Butterflies	Schwartz-Tzachor, R., et al.	<i>Israel Journal of Ecology and Evolution</i>	2008	Wildlife	<a href="https://doi.org/10.1560/IJEE.54.1.105">https://doi.org/10.1560/IJEE.54.1.105</a>

102	Monitoring diet composition and quality of ranging goats by faecal NIRS.	Glasser, T., et al.	<i>Options Méditerranéennes</i>	2007	Goat diet	<a href="http://om.ciheam.org/article.php?IDPDF=800386">http://om.ciheam.org/article.php?IDPDF=800386</a>
103	Application of multi-way data analysis on excitation-emission spectra for plant identification.	Obeidat S.M., et al.	<i>Talanta</i>	2007	Innovative technology, management	<a href="https://doi.org/10.1016/j.talanta.2006.11.045">https://doi.org/10.1016/j.talanta.2006.11.045</a>
104	Livestock grazing and biodiversity conservation in Mediterranean environments: The Israeli experience	Perevolotsky, A.	<i>Options Méditerranéennes</i>	2007	Grazing management & biodiversity	<a href="https://agris.fao.org/agris-search/search.do?recordID=QC2006600019">https://agris.fao.org/agris-search/search.do?recordID=QC2006600019</a>
105	Monitoring nutrition in small ruminants with the aid of near infrared spectroscopy (NIRS) technology: A review.	Landau, S.	<i>Small Ruminant Research</i>	2006	Goat diet, technology.	<a href="https://doi.org/10.1016/j.smallrumres.2004.12.012">https://doi.org/10.1016/j.smallrumres.2004.12.012</a>
106	Quantitative and qualitative monitoring of diet by analysis of NIR spectra of goat faeces: A preliminary study.	Glasser, T., et al.	<i>Options Mediterraneennes, Series A</i>	2005	Grazing management/goat diet	<a href="https://www.researchgate.net/publication/237571535_Quantitative_and_qualitative_monitoring_of_diet_by_analysis_of_NIR_spectra_of_goat_faeces_A_preliminary_study">https://www.researchgate.net/publication/237571535_Quantitative_and_qualitative_monitoring_of_diet_by_analysis_of_NIR_spectra_of_goat_faeces_A_preliminary_study</a>
107	Fecal NIRS prediction of dietary protein percentage and in vitro dry matter digestibility in diets ingested by goats in Mediterranean scrubland	Landau, S., et.al	<i>Small Ruminant Research</i>	2005	Grazing management; goat diet	<a href="https://doi.org/10.1016/j.smallrumres.2005.05.009">https://doi.org/10.1016/j.smallrumres.2005.05.009</a>
108	Faecal NIRS to monitor the diet of Mediterranean goats	Landau, S., et al.	<i>South African Journal of Animal Science</i>	2004	goat diet	<a href="https://scielo.org.za/scielo.php?script=sci_arttext&amp;pid=S0375-15892004000500023">https://scielo.org.za/scielo.php?script=sci_arttext&amp;pid=S0375-15892004000500023</a>



109	Estimating water use by sclerophyllous species under east Mediterranean climate: II. The transpiration of <i>Quercus calliprinos</i> Webb. in response to silvicultural treatments	Schiller, G. et al.	<i>Forest Ecology and Management</i>	2003	Plant eco-physiology	<a href="https://doi.org/10.1016/S0378-1127(02)00536-4">https://doi.org/10.1016/S0378-1127(02)00536-4</a>
110	Estimating the water use of a sclerophyllous species under an East-Mediterranean climate: I. Response of transpiration of <i>Phillyrea latifolia</i> L. to site factors	Schiller, G. et al.	<i>Forest Ecology and Management</i>	2002	Plant eco-physiology	<a href="https://www.sciencedirect.com/science/article/abs/pii/S037811270100785X">https://www.sciencedirect.com/science/article/abs/pii/S037811270100785X</a>
111	Scale-dependent effects of fuel break management on herbaceous community diversity in a Mediterranean garrigue	Hadar, L., et al.	<i>Journal of Mediterranean Ecology</i>	2000	Grazing management & biodiversity	<a href="https://journals.co.za/content/sajas/34/5/EJC94394#abstract-content">https://journals.co.za/content/sajas/34/5/EJC94394#abstract-content</a>

#### BOOKS:

**Perevolotsky, A.** (2019). *Agriculture and Ecology – Can Harmony be Found? Perspectives on agroecology from Israel and Abroad*. The Israel Society of Ecology and (Hebrew).

**Glasser, T.A. & Hadar, L.** (2016). *Goat Grazing in the Mediterranean Shrubland: Research and Application*. Ramat Hanadiv (Hebrew).

**Perevolotsky, A.** (2013). *Conserving and Managing Mediterranean Ecosystems: The Ramat Hanadiv Case Study and Beyond*. Zichron Ya'akov: Ramat Hanadiv. (367

**Tepper, Y., and Peleg-Barkat, O.,** (2009). *Horvat 'Eleq (Khirbet Umm el-'Alek) at Ramat Hanadiv. Preliminary Report of the 2000-2005 Seasons*. Ramat Hanadiv, TH

**\*Articles and book chapters in Hebrew are not included in this list.**