Avi Perevolotsky

List of Publications by Year in descending order

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55 papers	2,345 citations	236833 25 h-index	214721 47 g-index
55 all docs	55 docs citations	55 times ranked	2573 citing authors

#	Article	IF	Citations
1	Consequences of pine colonization in dry oak woodlands: effects on water stress. European Journal of Forest Research, 2020, 139, 817-828.	1.1	7
2	Ex-situ conservation strategies for endangered plants in the Israel Gene Bank. Israel Journal of Plant Sciences, 2018, 65, 121-128.	0.3	1
3	Detecting biodiversity refugia using remotely sensed data. Landscape Ecology, 2018, 33, 1815-1830.	1.9	12
4	Strategies and priorities in field collections for ex situ conservation: the case of the Israel Plant Gene Bank. Genetic Resources and Crop Evolution, 2017, 64, 1-5.	0.8	5
5	No precipitation legacy effects on aboveâ€ground net primary production and species diversity in grazed Mediterranean grassland: a 21â€year experiment. Journal of Vegetation Science, 2017, 28, 260-269.	1.1	14
6	Canopy structure of woody landscape modulators determines herbaceous species richness along a rainfall gradient. Plant Ecology, 2015, 216, 1511-1522.	0.7	0
7	The effect of rainfall and competition intensity on forest response to drought: lessons learned from a dry extreme. Oecologia, 2015, 177, 1025-1038.	0.9	55
8	Amount vs. temporal pattern: On the importance of intra-annual climatic conditions on tree growth in a dry environment. Journal of Arid Environments, 2015, 118, 65-68.	1.2	8
9	Long-term Trade-Offs Among Herbage Growth, Animal Production, and Supplementary Feeding in Heavily Grazed Mediterranean Grassland. Rangeland Ecology and Management, 2015, 68, 332-340.	1.1	10
10	Countervailing effects on pine and oak leaf litter decomposition in human-altered Mediterranean ecosystems. Oecologia, 2015, 177, 1039-1051.	0.9	20
11	Testing the limits of resistance: a 19â€year study of Mediterranean grassland response to grazing regimes. Global Change Biology, 2015, 21, 1939-1950.	4.2	36
12	What determines tree mortality in dry environments? a multi-perspective approach. , 2015, 25, 1054-1071.		43
13	From microsite selection to population spatial distribution: Pinus halepensis colonization in mediterranean-type ecosystems. Plant Ecology, 2015, 216, 1311-1324.	0.7	4
14	An Integrative Analysis of the Dynamics of Landscape- and Local-Scale Colonization of Mediterranean Woodlands by Pinus halepensis. PLoS ONE, 2014, 9, e90178.	1.1	10
15	The response of Mediterranean herbaceous community to soil disturbance by native wild boars. Plant Ecology, 2014, 215, 531-541.	0.7	11
16	Predicting the Formation of a New Upper Canopy Strata after Colonization of Native Shrublands by Pines. Forest Science, 2014, 60, 841-850.	0.5	5
17	Ecological sustainability in rangelands: the contribution of remote sensing. International Journal of Remote Sensing, 2013, 34, 6216-6242.	1.3	39
18	Landscapeâ€scale densityâ€dependent recruitment of oaks in planted forests: More is not always better. Ecology, 2013, 94, 1718-1728.	1.5	30

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19	A framework for systematic conservation planning and management of Mediterranean landscapes. Biological Conservation, 2013, 158, 371-383.	1.9	53
20	Homogenization in forest performance across an environmental gradient â€“ The interplay between rainfall and topographic aspect. Forest Ecology and Management, 2013, 310, 256-266.	1.4	16
21	The resilience of annual vegetation primary production subjected to different climate change scenarios. Climatic Change, 2013, 118, 227-243.	1.7	24
22	Forest performance during two consecutive drought periods: Diverging long-term trends and short-term responses along a climatic gradient. Forest Ecology and Management, 2013, 310, 1-9.	1.4	64
23	Continuous droughts' effect on herbaceous vegetation cover and productivity in rangelands: results from close-range photography and spatial analysis. International Journal of Remote Sensing, 2013, 34, 6263-6281.	1.3	12
24	Automated segmentation of vegetation structure units in a Mediterranean landscape. International Journal of Remote Sensing, 2012, 33, 346-364.	1.3	25
25	Integrated management of heterogeneous landscapeâ€"Mediterranean Israel as a study case. Israel Journal of Ecology and Evolution, 2011, 57, 111-128.	0.2	5
26	Modelling dynamics of ecosystem services basket in Mediterranean landscapes: a tool for rational management. Landscape Ecology, 2011, 26, 109-124.	1.9	26
27	No Major Role for Binding by Salivary Proteins as a Defense Against Dietary Tannins in Mediterranean Goats. Journal of Chemical Ecology, 2010, 36, 736-743.	0.9	28
28	Breed and maternal effects on the intake of tannin-rich browse by juvenile domestic goats (Capra) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	42
29	Estimating multiple benefits from vegetation in mediterranean ecosystems. Biodiversity and Conservation, 2009, 18, 3483-3501.	1.2	17
30	The effect of polyethylene glycol on browsing behaviour of beef cattle in a tanniferous shrubby Mediterranean range. Livestock Science, 2009, 126, 245-251.	0.6	5
31	Forest management in Israelâ€"The ecological alternative. Israel Journal of Plant Sciences, 2009, 57, 35-48.	0.3	16
32	Quantifying the effect of grazing and shrub-clearing on small scale spatial pattern of vegetation. Landscape Ecology, 2008, 23, 327-339.	1.9	27
33	Spatially and temporally explicit modeling of conditions for primary production of annuals in dry environments. Ecological Modelling, 2008, 218, 339-353.	1.2	32
34	A problem of the rich: Prioritizing local plant genetic resources for ex situ conservation in Israel. Biological Conservation, 2008, 141, 596-600.	1.9	32
35	Woody Species as Landscape Modulators and Their Effect on Biodiversity Patterns. BioScience, 2008, 58, 209-221.	2.2	107
36	17 Livestock and engineering network in the Israeli Negev: Implications for ecosystem management. Theoretical Ecology Series, 2007, , 323-X.	0.1	5

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37	The application of remote sensing to study shrubâ€"herbaceous relations at a high spatial resolution. Israel Journal of Plant Sciences, 2007, 55, 73-82.	0.3	12
38	Soil seed bank and seedling emergence of <i>Sarcopoterium spinosum</i> as affected by grazing in a patchy semiarid shrubland. Israel Journal of Plant Sciences, 2007, 55, 35-43.	0.3	8
39	Interactive effects of grazing and shrubs on the annual plant community in semiâ€arid Mediterranean shrublands. Journal of Vegetation Science, 2007, 18, 869-878.	1.1	19
40	Size traits and site conditions determine changes in seed bank structure caused by grazing exclusion in semiarid annual plant communities. Ecography, 2006, 29, 11-20.	2.1	33
41	Similarity between seed bank and vegetation in a semiâ€arid annual plant community: The role of productivity and grazing. Journal of Vegetation Science, 2006, 17, 29-36.	1.1	36
42	Invasion of Pinus halepensis from plantations into adjacent natural habitats. Applied Vegetation Science, 2005, 8, 85-92.	0.9	49
43	Integrating landscape ecology in the conservation of Mediterranean ecosystems: The Israeli experience. Israel Journal of Plant Sciences, 2005, 53, 203-213.	0.3	37
44	Site productivity and plant size explain the response of annual species to grazing exclusion in a Mediterranean semi-arid rangeland. Journal of Ecology, 2004, 92, 297-309.	1.9	121
45	Effects of grazing on soil seed bank dynamics: An approach with functional groups. Journal of Vegetation Science, 2003, 14, 375-386.	1.1	123
46	Polyethylene Glycol Affects Goats' Feeding Behavior in a Tannin-Rich Environment. Journal of Range Management, 2002, 55, 598.	0.3	23
47	Grazing effect on diversity of annual plant communities in a semi-arid rangeland: interactions with small-scale spatial and temporal variation in primary productivity. Journal of Ecology, 2002, 90, 936-946.	1.9	203
48	Vegetation response to grazing management in a Mediterranean herbaceous community: a functional group approach. Journal of Applied Ecology, 2000, 37, 224-237.	1.9	265
49	The effect of shrub clearing and grazing on the composition of a Mediterranean plant community: functional groups versus species. Journal of Vegetation Science, 1999, 10, 673-682.	1.1	130
50	Role of Grazing in Mediterranean Rangeland Ecosystems. BioScience, 1998, 48, 1007-1017.	2.2	329
51	Has intensive grazing by domestic livestock degraded Mediterranean Basin rangelands?. Tasks for Vegetation Science, 1994, , 93-103.	0.6	25
52	The effect of thinning and goat browsing on the structure and development of Mediterranean woodland in Israel. Forest Ecology and Management, 1992, 49, 61-74.	1.4	32
53	Processes of Sedentarization and Nomadization in the History of Sinai and the Negev. Bulletin of the American Schools of Oriental Research, 1990, 279, 67-88.	0.2	42
54	Goat production systems in Piura, Peru: A multidisciplinary analysis. Agricultural Systems, 1990, 32, 55-81.	3.2	4

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55	To sell or not to sell?A Pastoralist's Dilemma: A lesson from the slaughterhouse. Human Ecology, 1986, 14, 287-310.	0.7	8