Lior Blank

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6584063/publications.pdf

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41	796	471371	552653
papers	citations	17 h-index	26 g-index

44	44	44	1011
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Directions in green roof research: A bibliometric study. Building and Environment, 2013, 66, 23-28.	3.0	76
2	Trends in Ecological Research during the Last Three Decades â€“ A Systematic Review. PLoS ONE, 2013, 8, e59813.	1.1	62
3	Considering weed management as a social dilemma bridges individual and collective interests. Nature Plants, 2019, 5, 343-351.	4.7	50
4	Global Geographic Distribution and Host Range of Fusarium circinatum, the Causal Agent of Pine Pitch Canker. Forests, 2020, 11, 724.	0.9	45
5	Conformational Stability and Membrane Interaction of the Full-Length Ectodomain of HIV-1 gp41: Implication for Mode of Action. Biochemistry, 2009, 48, 3166-3175.	1.2	37
6	Using ecological niche modeling to predict the distributions of two endangered amphibian species in aquatic breeding sites. Hydrobiologia, 2012, 693, 157-167.	1.0	36
7	Horizontal and vertical island biogeography of arthropods on green roofs: a review. Urban Ecosystems, 2017, 20, 911-917.	1.1	33
8	The Role of Land Use Types and Water Chemical Properties in Structuring the Microbiomes of a Connected Lake System. Frontiers in Microbiology, 2020, 11, 89.	1.5	32
9	Integration of photovoltaic panels and green roofs: review and predictions of effects on electricity production and plant communities. Israel Journal of Ecology and Evolution, 2016, 62, 68-73.	0.2	31
10	On the Interaction Between gp41 and Membranes: The Immunodominant Loop Stabilizes gp41 Helical Hairpin Conformation. Journal of Molecular Biology, 2003, 326, 1489-1501.	2.0	30
11	Distribution and Habitat Specificity of Potentially-Toxic Microcystis across Climate, Land, and Water Use Gradients. Frontiers in Microbiology, 2016, 7, 271.	1.5	30
12	Genetic population structure of the endangered fire salamander (<i><scp>S</scp>alamandra) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 412-421.	1.5	28
13	A multi-scale analysis of breeding site characteristics of the endangered fire salamander (Salamandra) Tj ETQq1 1 0.784314 rgBT /Ove	1.0	28
14	Woody vegetation patch types affect herbaceous species richness and composition in a Mediterranean ecosystem. Community Ecology, 2012, 13, 72-81.	0.5	26
15	Automated segmentation of vegetation structure units in a Mediterranean landscape. International Journal of Remote Sensing, 2012, 33, 346-364.	1.3	25
16	Variables Associated with Severity of Bacterial Canker and Wilt Caused by Clavibacter michiganensis subsp. michiganensis in Tomato Greenhouses. Phytopathology, 2016, 106, 254-261.	1.1	25
17	Landscape influences on dispersal behaviour: a theoretical model and empirical test using the fire salamander, Salamandra infraimmaculata. Oecologia, 2014, 175, 509-520.	0.9	22
18	Consumer-grade UAV utilized for detecting and analyzing late-season weed spatial distribution patterns in commercial onion fields. Precision Agriculture, 2021, 22, 1317-1332.	3.1	16

#	Article	IF	Citations
19	The role of landscape and history on the genetic structure of peripheral populations of the Near Eastern fire salamander, Salamandra infraimmaculata, in Northern Israel. Conservation Genetics, 2019, 20, 875-889.	0.8	15
20	The effect of local and landscape variables on Mediterranean fruit fly dynamics in citrus orchards utilizing the ecoinformatics approach. Journal of Pest Science, 2019, 92, 453-463.	1.9	13
21	Kinetics of interaction of HIV fusion protein (gp41) with lipid membranes studied by real-time AFM imaging. Ultramicroscopy, 2010, 110, 694-700.	0.8	12
22	Spatial and Temporal Dynamics of Mal Secco Disease Spread in Lemon Orchards in Israel. Phytopathology, 2020, 110, 863-872.	1.1	12
23	Spatial Spread of the Root Parasitic Weed Phelipanche aegyptiaca in Processing Tomatoes by Using Ecoinformatics and Spatial Analysisâ€. Frontiers in Plant Science, 2017, 8, 973.	1.7	10
24	Factors Affecting the Distribution of Pine Pitch Canker in Northern Spain. Forests, 2019, 10, 305.	0.9	10
25	Postharvest temperature has a greater impact on apical dominance of potato seed-tuber than field growing-degree days exposure. Field Crops Research, 2018, 223, 105-112.	2.3	9
26	Spatial and Temporal Distribution of Ecballium elaterium in Almond Orchards. Agronomy, 2019, 9, 751.	1.3	9
27	Effects of Tail Clipping on Larval Performance and Tail Regeneration Rates in the Near Eastern Fire Salamander, Salamandra infraimmaculata. PLoS ONE, 2015, 10, e0128077.	1.1	9
28	Compassionate approaches for the conservation and protection of fire salamanders. Israel Journal of Ecology and Evolution, 2017, 63, 43-51.	0.2	8
29	Modelling the spatiotemporal dynamics of Phytophthora infestans at a regional scale. Plant Pathology, 2018, 67, 1552-1561.	1.2	8
30	A multiscale analysis of herbaceous species richness in a Mediterranean ecosystem. Journal of Plant Ecology, 2013, 6, 113-121.	1.2	7
31	Potential effects of climate change on the distribution of the common frog Rana temporaria at its northern range margin. Israel Journal of Ecology and Evolution, 2013, 59, 130-140.	0.2	7
32	Xylella fastidiosa Outbreak in Israel: Population Genetics, Host Range, and Temporal and Spatial Distribution Analysis. Phytopathology, 2022, 112, 2296-2309.	1.1	6
33	Estimating the effects of road-kills on the Fire Salamander population along a river. Journal for Nature Conservation, 2020, 58, 125917.	0.8	5
34	Relationships among breeding site characteristics and adult population size of the fire salamander, Salamandra infraimmaculata. Hydrobiologia, 2020, 847, 2999-3012.	1.0	5
35	Inconsistent effects of local and landscape factors on two key pests in Israeli vineyards. Journal of Applied Entomology, 2021, 145, 900.	0.8	4
36	Mediterranean fruit fly subplot hot spots prediction by experts' experience. Journal of Applied Entomology, 2018, 142, 371-379.	0.8	3

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37	Aerial dispersal of Spongospora subterranea sp. f. subterranea, the causal agent of potato powdery scab. European Journal of Plant Pathology, 2020, 158, 391-401.	0.8	3
38	Empirical evidence of the mediterranean fruit fly movement between orchard types. Journal of Applied Entomology, 2021, 145, 417-426.	0.8	2
39	Site-specific detection and treatment of Medfly in orchards. , 2015, , 651-660.		1
40	Variables associated with the spread of bacterial canker and wilt caused by Clavibacter michiganensis subsp. michiganensis in tomato greenhouses. , 2015, , 603-610.		0
41	Predicting the impact of climate change: genomic measures of local adaptation in the Near Eastern Fire Salamander (Salamandra infraimmaculata). , 2018, , .		0