

# Lior Blank

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

796  
citations

471371

17  
h-index

552653

26  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1011  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Xylella fastidiosa</i> Outbreak in Israel: Population Genetics, Host Range, and Temporal and Spatial Distribution Analysis. <i>Phytopathology</i> , 2022, 112, 2296-2309.	1.1	6
2	Empirical evidence of the mediterranean fruit fly movement between orchard types. <i>Journal of Applied Entomology</i> , 2021, 145, 417-426.	0.8	2
3	Inconsistent effects of local and landscape factors on two key pests in Israeli vineyards. <i>Journal of Applied Entomology</i> , 2021, 145, 900.	0.8	4
4	Consumer-grade UAV utilized for detecting and analyzing late-season weed spatial distribution patterns in commercial onion fields. <i>Precision Agriculture</i> , 2021, 22, 1317-1332.	3.1	16
5	Spatial and Temporal Dynamics of Mal Secco Disease Spread in Lemon Orchards in Israel. <i>Phytopathology</i> , 2020, 110, 863-872.	1.1	12
6	Estimating the effects of road-kills on the Fire Salamander population along a river. <i>Journal for Nature Conservation</i> , 2020, 58, 125917.	0.8	5
7	Aerial dispersal of <i>Spongospora subterranea</i> sp. f. <i>subterranea</i> , the causal agent of potato powdery scab. <i>European Journal of Plant Pathology</i> , 2020, 158, 391-401.	0.8	3
8	Relationships among breeding site characteristics and adult population size of the fire salamander, <i>Salamandra infraimmaculata</i> . <i>Hydrobiologia</i> , 2020, 847, 2999-3012.	1.0	5
9	Global Geographic Distribution and Host Range of <i>Fusarium circinatum</i> , the Causal Agent of Pine Pitch Canker. <i>Forests</i> , 2020, 11, 724.	0.9	45
10	The Role of Land Use Types and Water Chemical Properties in Structuring the Microbiomes of a Connected Lake System. <i>Frontiers in Microbiology</i> , 2020, 11, 89.	1.5	32
11	The effect of local and landscape variables on Mediterranean fruit fly dynamics in citrus orchards utilizing the ecoinformatics approach. <i>Journal of Pest Science</i> , 2019, 92, 453-463.	1.9	13
12	Factors Affecting the Distribution of Pine Pitch Canker in Northern Spain. <i>Forests</i> , 2019, 10, 305.	0.9	10
13	The role of landscape and history on the genetic structure of peripheral populations of the Near Eastern fire salamander, <i>Salamandra infraimmaculata</i> , in Northern Israel. <i>Conservation Genetics</i> , 2019, 20, 875-889.	0.8	15
14	Considering weed management as a social dilemma bridges individual and collective interests. <i>Nature Plants</i> , 2019, 5, 343-351.	4.7	50
15	Spatial and Temporal Distribution of <i>Ecballium elaterium</i> in Almond Orchards. <i>Agronomy</i> , 2019, 9, 751.	1.3	9
16	Postharvest temperature has a greater impact on apical dominance of potato seed-tuber than field growing-degree days exposure. <i>Field Crops Research</i> , 2018, 223, 105-112.	2.3	9
17	Modelling the spatiotemporal dynamics of <i>Phytophthora infestans</i> at a regional scale. <i>Plant Pathology</i> , 2018, 67, 1552-1561.	1.2	8
18	Mediterranean fruit fly subplot hot spots prediction by experts' experience. <i>Journal of Applied Entomology</i> , 2018, 142, 371-379.	0.8	3

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19	Predicting the impact of climate change: genomic measures of local adaptation in the Near Eastern Fire Salamander ( <i>Salamandra infraimmaculata</i> ). , 2018, , .		0
20	Horizontal and vertical island biogeography of arthropods on green roofs: a review. <i>Urban Ecosystems</i> , 2017, 20, 911-917.	1.1	33
21	Compassionate approaches for the conservation and protection of fire salamanders. <i>Israel Journal of Ecology and Evolution</i> , 2017, 63, 43-51.	0.2	8
22	Spatial Spread of the Root Parasitic Weed <i>Phelipanche aegyptiaca</i> in Processing Tomatoes by Using Ecoinformatics and Spatial Analysis. <i>Frontiers in Plant Science</i> , 2017, 8, 973.	1.7	10
23	Distribution and Habitat Specificity of Potentially-Toxic <i>Microcystis</i> across Climate, Land, and Water Use Gradients. <i>Frontiers in Microbiology</i> , 2016, 7, 271.	1.5	30
24	Variables Associated with Severity of Bacterial Canker and Wilt Caused by <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> in Tomato Greenhouses. <i>Phytopathology</i> , 2016, 106, 254-261.	1.1	25
25	Integration of photovoltaic panels and green roofs: review and predictions of effects on electricity production and plant communities. <i>Israel Journal of Ecology and Evolution</i> , 2016, 62, 68-73.	0.2	31
26	Effects of Tail Clipping on Larval Performance and Tail Regeneration Rates in the Near Eastern Fire Salamander, <i>Salamandra infraimmaculata</i> . <i>PLoS ONE</i> , 2015, 10, e0128077.	1.1	9
27	Site-specific detection and treatment of Medfly in orchards. , 2015, , 651-660.		1
28	Variables associated with the spread of bacterial canker and wilt caused by <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> in tomato greenhouses. , 2015, , 603-610.		0
29	Landscape influences on dispersal behaviour: a theoretical model and empirical test using the fire salamander, <i>Salamandra infraimmaculata</i> . <i>Oecologia</i> , 2014, 175, 509-520.	0.9	22
30	A multi-scale analysis of breeding site characteristics of the endangered fire salamander ( <i>Salamandra atra</i> ). <i>Conservation Biology</i> , 2014, 28, 107-116.	1.0	28
31	Directions in green roof research: A bibliometric study. <i>Building and Environment</i> , 2013, 66, 23-28.	3.0	76
32	Genetic population structure of the endangered fire salamander ( <i>Salamandra atra</i> ). <i>Conservation Biology</i> , 2013, 27, 412-421.	1.5	28
33	A multiscale analysis of herbaceous species richness in a Mediterranean ecosystem. <i>Journal of Plant Ecology</i> , 2013, 6, 113-121.	1.2	7
34	Potential effects of climate change on the distribution of the common frog <i>Rana temporaria</i> at its northern range margin. <i>Israel Journal of Ecology and Evolution</i> , 2013, 59, 130-140.	0.2	7
35	Trends in Ecological Research during the Last Three Decades – A Systematic Review. <i>PLoS ONE</i> , 2013, 8, e59813.	1.1	62
36	Automated segmentation of vegetation structure units in a Mediterranean landscape. <i>International Journal of Remote Sensing</i> , 2012, 33, 346-364.	1.3	25

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37	Woody vegetation patch types affect herbaceous species richness and composition in a Mediterranean ecosystem. <i>Community Ecology</i> , 2012, 13, 72-81.	0.5	26
38	Using ecological niche modeling to predict the distributions of two endangered amphibian species in aquatic breeding sites. <i>Hydrobiologia</i> , 2012, 693, 157-167.	1.0	36
39	Kinetics of interaction of HIV fusion protein (gp41) with lipid membranes studied by real-time AFM imaging. <i>Ultramicroscopy</i> , 2010, 110, 694-700.	0.8	12
40	Conformational Stability and Membrane Interaction of the Full-Length Ectodomain of HIV-1 gp41: Implication for Mode of Action. <i>Biochemistry</i> , 2009, 48, 3166-3175.	1.2	37
41	On the Interaction Between gp41 and Membranes: The Immunodominant Loop Stabilizes gp41 Helical Hairpin Conformation. <i>Journal of Molecular Biology</i> , 2003, 326, 1489-1501.	2.0	30