

Matthias Tschumi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,223
citations

840776

11
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

2198
citing authors

#	ARTICLE	IF	CITATIONS
1	A global synthesis reveals biodiversity-mediated benefits for crop production. <i>Science Advances</i> , 2019, 5, eaax0121.	10.3	524
2	Crop pests and predators exhibit inconsistent responses to surrounding landscape composition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7863-E7870.	7.1	401
3	The interplay of landscape composition and configuration: new pathways to manage functional biodiversity and agroecosystem services across Europe. <i>Ecology Letters</i> , 2019, 22, 1083-1094.	6.4	364
4	The effectiveness of flower strips and hedgerows on pest control, pollination services and crop yield: a quantitative synthesis. <i>Ecology Letters</i> , 2020, 23, 1488-1498.	6.4	319
5	High effectiveness of tailored flower strips in reducing pests and crop plant damage. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151369.	2.6	155
6	Perennial, species-rich wildflower strips enhance pest control and crop yield. <i>Agriculture, Ecosystems and Environment</i> , 2016, 220, 97-103.	5.3	155
7	Tailored flower strips promote natural enemy biodiversity and pest control in potato crops. <i>Journal of Applied Ecology</i> , 2016, 53, 1169-1176.	4.0	143
8	Predation-mediated ecosystem services and disservices in agricultural landscapes. <i>Ecological Applications</i> , 2018, 28, 2109-2118.	3.8	33
9	Rodents, not birds, dominate predation-related ecosystem services and disservices in vertebrate communities of agricultural landscapes. <i>Oecologia</i> , 2018, 188, 863-873.	2.0	31
10	Territory Occupancy and Parental Quality as Proxies for Spatial Prioritization of Conservation Areas. <i>PLoS ONE</i> , 2014, 9, e97679.	2.5	18
11	Net Effects of Birds in Agroecosystems. <i>BioScience</i> , 0, , .	4.9	17
12	Woody elements benefit bird diversity to a larger extent than semi-natural grasslands in cereal-dominated landscapes. <i>Basic and Applied Ecology</i> , 2020, 46, 15-23.	2.7	11
13	Parental sex allocation and sex-specific survival drive offspring sex ratio bias in little owls. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	1.4	6
14	Competition and Facilitation Effects of Semi-Natural Habitats Drive Total Insect and Pollinator Abundance in Flower Strips. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.2	6
15	Reduced habitat quality increases intrinsic but not ecological costs of reproduction. <i>Ecology and Evolution</i> , 2022, 12, e8859.	1.9	5
16	Political borders impact associations between habitat suitability predictions and resource availability. <i>Landscape Ecology</i> , 2020, 35, 2287-2300.	4.2	3