

# Jan C Axmacher

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

2,372  
citations

172457

29  
h-index

254184

43  
g-index

92  
all docs

92  
docs citations

92  
times ranked

3689  
citing authors

#	ARTICLE	IF	CITATIONS
1	The database of the <sc>PREDICTS</sc> (Projecting Responses of Ecological Diversity In Changing) Tj ETQq1 1 0,784314 rgBT /Overl	1.9	186
2	Global warming, elevational ranges and the vulnerability of tropical biota. <i>Biological Conservation</i> , 2011, 144, 548-557.	4.1	185
3	Determinants of diversity in afrotropical herbivorous insects (Lepidoptera: Geometridae): plant diversity, vegetation structure or abiotic factors?. <i>Journal of Biogeography</i> , 2009, 36, 337-349.	3.0	91
4	Elevational species richness gradients in a hyperdiverse insect taxon: a global meta-analysis on geometrid moths. <i>Global Ecology and Biogeography</i> , 2017, 26, 412-424.	5.8	83
5	The role of pond management for biodiversity conservation in an agricultural landscape. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2012, 22, 626-638.	2.0	72
6	Diversity of geometrid moths (Lepidoptera: Geometridae) along an Afrotropical elevational rainforest transect. <i>Diversity and Distributions</i> , 2004, 10, 293-302.	4.1	69
7	Invasion pattern of <i>Eupatorium adenophorum</i> Spreng in southern China. <i>Biological Invasions</i> , 2010, 12, 1721-1730.	2.4	68
8	A Comparison of Terrestrial Arthropod Sampling Methods. <i>Journal of Resources and Ecology</i> , 2012, 3, 174-182.	0.4	67
9	Challenges in developing China's marine protected area system. <i>Marine Policy</i> , 2009, 33, 599-605.	3.2	54
10	Large woody debris "rewilding" rapidly restores biodiversity in riverine food webs. <i>Journal of Applied Ecology</i> , 2018, 55, 895-904.	4.0	54
11	Diverging diversity patterns of vascular plants and geometrid moths during forest regeneration on Mt Kilimanjaro, Tanzania. <i>Journal of Biogeography</i> , 2004, 31, 895-904.	3.0	50
12	Forest vegetation responses to climate and environmental change: A case study from Changbai Mountain, NE China. <i>Forest Ecology and Management</i> , 2011, 262, 2052-2060.	3.2	49
13	Nocturnal pollinators strongly contribute to pollen transport of wild flowers in an agricultural landscape. <i>Biology Letters</i> , 2020, 16, 20190877.	2.3	49
14	A Comparison of Manual and Automatic Moth Sampling Methods (Lepidoptera: Arctiidae, Geometridae) in a Rain Forest in Costa Rica. <i>Environmental Entomology</i> , 2006, 35, 757-764.	1.4	44
15	Effects of plant diversity, habitat and agricultural landscape structure on the functional diversity of carabid assemblages in the North China Plain. <i>Insect Conservation and Diversity</i> , 2015, 8, 163-176.	3.0	44
16	Changes of soil organic carbon in an intensively cultivated agricultural region: A denitrification decomposition (DNDC) modelling approach. <i>Science of the Total Environment</i> , 2006, 372, 203-214.	8.0	43
17	Streamlining China's protected areas. <i>Science</i> , 2016, 351, 1160-1160.	12.6	43
18	Does China's increasing coupling of "urban population" and "urban area" growth indicators reflect a growing social and economic sustainability?. <i>Journal of Environmental Management</i> , 2022, 301, 113932.	7.8	40

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19	Buried alive: Aquatic plants survive in "ghost ponds"™ under agricultural fields. <i>Biological Conservation</i> , 2017, 212, 105-110.	4.1	37
20	Securing a Future for China's Wild Plant Resources. <i>BioScience</i> , 2011, 61, 720-725.	4.9	35
21	Relationships between Plant Diversity and the Abundance and $\beta$ -Diversity of Predatory Ground Beetles (Coleoptera: Carabidae) in a Mature Asian Temperate Forest Ecosystem. <i>PLoS ONE</i> , 2013, 8, e82792.	2.5	35
22	A new role for pond management in farmland bird conservation. <i>Agriculture, Ecosystems and Environment</i> , 2016, 233, 179-191.	5.3	35
23	Different response patterns of epigeic spiders and carabid beetles to varying environmental conditions in fields and semi-natural habitats of an intensively cultivated agricultural landscape. <i>Agriculture, Ecosystems and Environment</i> , 2018, 264, 54-62.	5.3	35
24	Coupled Hydrological/Hydraulic Modelling of River Restoration Impacts and Floodplain Hydrodynamics. <i>River Research and Applications</i> , 2016, 32, 1927-1948.	1.7	33
25	Pond management enhances the local abundance and species richness of farmland bird communities. <i>Agriculture, Ecosystems and Environment</i> , 2019, 273, 130-140.	5.3	33
26	Ponds as insect chimneys: Restoring overgrown farmland ponds benefits birds through elevated productivity of emerging aquatic insects. <i>Biological Conservation</i> , 2020, 241, 108253.	4.1	33
27	Ground beetle (Coleoptera: Carabidae) inventories: a comparison of light and pitfall trapping. <i>Bulletin of Entomological Research</i> , 2007, 97, 577-583.	1.0	32
28	Altitudinal diversity patterns of ground beetles (Coleoptera: Carabidae) in the forests of Changbai Mountain, Northeast China. <i>Insect Conservation and Diversity</i> , 2014, 7, 161-171.	3.0	32
29	Ground beetles (Coleoptera: Carabidae) in the intensively cultivated agricultural landscape of Northern China " implications for biodiversity conservation. <i>Insect Conservation and Diversity</i> , 2010, 3, 34-43.	3.0	31
30	Plant Invasions in China " Challenges and Chances. <i>PLoS ONE</i> , 2013, 8, e64173.	2.5	30
31	Disentangling effects of abiotic factors and biotic interactions on cross-taxon congruence in species turnover patterns of plants, moths and beetles. <i>Scientific Reports</i> , 2016, 6, 23511.	3.3	29
32	Spatial $\beta$ -diversity patterns of diverse insect taxa in Northern China: Lessons for biodiversity conservation. <i>Biological Conservation</i> , 2011, 144, 2362-2368.	4.1	28
33	Contrasting effects of natural shrubland and plantation forests on bee assemblages at neighboring apple orchards in Beijing, China. <i>Biological Conservation</i> , 2019, 237, 456-462.	4.1	28
34	Diversity of carabids (Coleoptera, Carabidae) in the desalinized agricultural landscape of Quzhou county, China. <i>Agriculture, Ecosystems and Environment</i> , 2006, 113, 45-50.	5.3	25
35	Moths are strongly attracted to ultraviolet and blue radiation. <i>Insect Conservation and Diversity</i> , 2021, 14, 188-198.	3.0	25
36	Diversity patterns of ground beetles and understory vegetation in mature, secondary, and plantation forest regions of temperate northern China. <i>Ecology and Evolution</i> , 2015, 5, 531-542.	1.9	24

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37	Training future generations to deliver evidence-based conservation and ecosystem management. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12032.	2.0	23
38	Ground beetle assemblages in Beijing's new mountain forests. <i>Forest Ecology and Management</i> , 2014, 334, 369-376.	3.2	22
39	Biogeochemistry of an afro-tropical montane rain forest on Mt. Kilimanjaro, Tanzania. <i>Journal of Tropical Ecology</i> , 2006, 22, 77-89.	1.1	21
40	Germination and emergence of <i>Ambrosia artemisiifolia</i> L. under changing environmental conditions in China. <i>Plant Species Biology</i> , 2011, 26, 125-133.	1.0	21
41	Net precipitation and soil water dynamics in clearings, old secondary and old-growth forests in the montane rain forest belt of Mount Kilimanjaro, Tanzania. <i>Hydrological Processes</i> , 2011, 25, 418-428.	2.6	21
42	Ground Beetle (Coleoptera: Carabidae) Assemblages of Restored Semi-natural Habitats and Intensively Cultivated Fields in Northern China. <i>Restoration Ecology</i> , 2012, 20, 234-239.	2.9	21
43	Different radial growth responses to climate warming by two dominant tree species at their upper altitudinal limit on Changbai Mountain. <i>Journal of Forestry Research</i> , 2017, 28, 795-804.	3.6	21
44	Simulation of the hydrological impacts of climate change on a restored floodplain. <i>Hydrological Sciences Journal</i> , 2017, 62, 2482-2510.	2.6	20
45	Predictability of species diversity by family diversity across global terrestrial animal taxa. <i>Global Ecology and Biogeography</i> , 2020, 29, 629-644.	5.8	19
46	China's national nature reserve network shows great imbalances in conserving the country's mega-diverse vegetation. <i>Science of the Total Environment</i> , 2020, 717, 137159.	8.0	19
47	A novel "triple drawdown" method highlights deficiencies in invasive alien crayfish survey and control techniques. <i>Journal of Applied Ecology</i> , 2021, 58, 316-326.	4.0	19
48	Asymmetric warming significantly affects net primary production, but not ecosystem carbon balances of forest and grassland ecosystems in northern China. <i>Scientific Reports</i> , 2015, 5, 9115.	3.3	18
49	River-floodplain hydrology of an embanked lowland Chalk river and initial response to embankment removal. <i>Hydrological Sciences Journal</i> , 2013, 58, 627-650.	2.6	17
50	China draws lines to green future. <i>Nature</i> , 2016, 531, 305-305.	27.8	17
51	Differential radial growth response of three coexisting dominant tree species to local and large-scale climate variability in a subtropical evergreen broad-leaved forest of China. <i>Ecological Research</i> , 2015, 30, 745-754.	1.5	16
52	Effects of Crofton weed <i>Ageratina adenophora</i> on assemblages of Carabidae (Coleoptera) in the Yunnan Province, South China. <i>Agriculture, Ecosystems and Environment</i> , 2008, 124, 173-178.	5.3	15
53	Large-scale diversity patterns in plants and ground beetles (Coleoptera: Carabidae) indicate a high biodiversity conservation value of China's restored temperate forest landscapes. <i>Diversity and Distributions</i> , 2019, 25, 1613-1624.	4.1	15
54	Long-term effects of rainforest disturbance on the nutrient composition of throughfall, organic layer percolate and soil solution at Mt. Kilimanjaro. <i>Science of the Total Environment</i> , 2007, 376, 241-254.	8.0	14

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55	Field Margins as Rapidly Evolving Local Diversity Hotspots for Ground Beetles (Coleoptera: Carabidae) in Northern China. <i>The Coleopterists Bulletin</i> , 2006, 60, 135-143.	0.2	12
56	Effects of Plant Diversity, Vegetation Composition, and Habitat Type on Different Functional Trait Groups of Wild Bees in Rural Beijing. <i>Journal of Insect Science</i> , 2018, 18, .	1.5	12
57	Sustainability Dynamics of Traditional Villages: A Case Study in Qiannan Prefecture, Guizhou, China. <i>Sustainability</i> , 2020, 12, 314.	3.2	12
58	Geometrid moth assemblages reflect high conservation value of naturally regenerated secondary forests in temperate China. <i>Forest Ecology and Management</i> , 2016, 374, 111-118.	3.2	11
59	Sustainable wildlife extraction and the impacts of socio-economic change among the Kukama-Kukamilla people of the Pacaya-Samiria National Reserve, Peru. <i>Oryx</i> , 2020, 54, 260-269.	1.0	11
60	Environmental factors acting at multiple scales determine assemblages of insects and plants in agricultural mountain landscapes of northern China. <i>Agriculture, Ecosystems and Environment</i> , 2016, 224, 86-94.	5.3	10
61	Seasonal benefits of farmland pond management for birds. <i>Bird Study</i> , 2019, 66, 342-352.	1.0	9
62	The Chordâ€Normalized Expected Species Shared (CNESS)â€distance represents a superior measure of species turnover patterns. <i>Methods in Ecology and Evolution</i> , 2020, 11, 273-280.	5.2	9
63	High phylogenetic diversity is preserved in species-poor high-elevation temperate moth assemblages. <i>Scientific Reports</i> , 2016, 6, 23045.	3.3	8
64	Taxon- and functional group-specific responses of ground beetles and spiders to landscape complexity and management intensity in apple orchards of the North China Plain. <i>Agriculture, Ecosystems and Environment</i> , 2022, 323, 107700.	5.3	8
65	Productive Oilseed Rape Strips Supplement Seminatural Field-Margins in Promoting Ground-Dwelling Predatory Invertebrates in Agricultural Landscapes. <i>Journal of Insect Science</i> , 2019, 19, .	1.5	7
66	The taxonâ€and functional traitâ€dependent effects of field margin and landscape composition on predatory arthropods in wheat fields of the North China Plain. <i>Insect Conservation and Diversity</i> , 2020, 13, 328-339.	3.0	7
67	Once a pond in time: employing palaeoecology to inform farmland pond restoration. <i>Restoration Ecology</i> , 2021, 29, e13301.	2.9	7
68	Openâ€canopy ponds benefit diurnal pollinator communities in an agricultural landscape: implications for farmland pond management. <i>Insect Conservation and Diversity</i> , 2021, 14, 307-324.	3.0	6
69	Improving the pollinator pantry: Restoration and management of open farmland ponds enhances the complexity of plant-pollinator networks. <i>Agriculture, Ecosystems and Environment</i> , 2021, 320, 107611.	5.3	6
70	Resilience of insect assemblages to climate change in mature temperate mountain forests of NE China. <i>Journal of Insect Conservation</i> , 2015, 19, 1163-1172.	1.4	5
71	Effects of farmland consolidation in southern China on wild bee species composition, nesting location and body size variations. <i>Agricultural and Forest Entomology</i> , 2022, 24, 371-379.	1.3	5
72	Buddhist monasteries facilitated landscape conservation on the Qinghai-Tibetan Plateau. <i>Landscape Ecology</i> , 2022, 37, 1559-1572.	4.2	5

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73	Perennial crops can complement semi-natural habitats in enhancing ground beetle (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	6.3	4
74	A second horizon scan of biogeography: Golden Ages, Midas touches, and the Red Queen. <i>Frontiers of Biogeography</i> , 2016, 8, .	1.8	3
75	Diversity and seasonal changes in carabid assemblages of a mature, secondary and plantation forest mosaic in the Zhangguangcai Mountains in northeastern China. <i>Insect Conservation and Diversity</i> , 2020, 13, 340-350.	3.0	3
76	The "Pritchard Trap"™: A novel quantitative survey method for crayfish. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12070.	2.0	3
77	Estimating the number of species shared by incompletely sampled communities. <i>Ecography</i> , 2021, 44, 1098-1108.	4.5	3
78	Two new species of <i>Feroperis</i> Lafer (Carabidae, Pterostichus) from China, with a key to all known Chinese species in this subgenus. <i>ZooKeys</i> , 2018, 799, 95-114.	1.1	3
79	Geographical divergence of species richness and local homogenization of plant assemblages due to climate change in grasslands. <i>Biodiversity and Conservation</i> , 2022, 31, 797-810.	2.6	3
80	Changes in Assemblages and Diversity Patterns of Carabidae (Coleoptera) from 1997 to 2014 in a Desalinized, Intensively Cultivated Agricultural Landscape in Northern China. <i>The Coleopterists Bulletin</i> , 2018, 72, 597.	0.2	2
81	Habitat-GIS-based models for ground beetles (Coleoptera: Carabidae) distribution in agricultural landscape. , 2009, , .		1
82	Effects of forest disturbance and regeneration on net precipitation and soil water dynamics in tropical montane rain forest on Mount Kilimanjaro, Tanzania. , 2011, , 491-501.		1
83	Consequences of pond management for chironomid assemblages and diversity in English farmland ponds. <i>Journal of Limnology</i> , 2018, , .	1.1	1
84	Assessing methods to improve benthic fish sampling in a stony headwater stream. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12111.	2.0	1
85	Diverse Locations and a Long History: Historical Context for Urban Leopards ( <i>Panthera pardus</i> ) in the Early Anthropocene From Seoul, Korea. <i>Frontiers in Conservation Science</i> , 2021, 2, .	1.9	1
86	Effects of Fire on the Diversity of Geometrid Moths on Mt. Kilimanjaro. , 2006, , 69-75.		0
87	New opportunities for biodiversity conservation in rural China?. , 2018, , .		0
88	Temporal-dynamics of ground beetles in <i>Larix gmelinii</i> forest in Greater Khingan Mountains, China. <i>Acta Ecologica Sinica</i> , 2021, 41, .	0.1	0