

Xingfeng Si

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9319386/publications.pdf>

Version: 2024-02-01

48
papers

1,611
citations

361045

20
h-index

315357

38
g-index

49
all docs

49
docs citations

49
times ranked

2115
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Habitat fragmentation and biodiversity conservation: key findings and future challenges. <i>Landscape Ecology</i> , 2016, 31, 219-227. | 1.9 | 336 |
| 2 | Selective extinction drives taxonomic and functional alpha and beta diversities in island bird assemblages. <i>Journal of Animal Ecology</i> , 2016, 85, 409-418. | 1.3 | 116 |
| 3 | An empirical evaluation of camera trap study design: How many, how long and when?. <i>Methods in Ecology and Evolution</i> , 2020, 11, 700-713. | 2.2 | 115 |
| 4 | Climate change challenges the current conservation strategy for the giant panda. <i>Biological Conservation</i> , 2015, 190, 43-50. | 1.9 | 109 |
| 5 | Revealing Beta-Diversity Patterns of Breeding Bird and Lizard Communities on Inundated Land-Bridge Islands by Separating the Turnover and Nestedness Components. <i>PLoS ONE</i> , 2015, 10, e0127692. | 1.1 | 79 |
| 6 | Do traits and phylogeny support congruent community diversity patterns and assembly inferences?. <i>Journal of Ecology</i> , 2019, 107, 2065-2077. | 1.9 | 79 |
| 7 | Functional and phylogenetic structure of island bird communities. <i>Journal of Animal Ecology</i> , 2017, 86, 532-542. | 1.3 | 73 |
| 8 | How long is enough to detect terrestrial animals? Estimating the minimum trapping effort on camera traps. <i>PeerJ</i> , 2014, 2, e374. | 0.9 | 58 |
| 9 | The structure of mixed-species bird flocks, and their response to anthropogenic disturbance, with special reference to East Asia. <i>Avian Research</i> , 2015, 6, . | 0.5 | 45 |
| 10 | Turnover of breeding bird communities on islands in an inundated lake. <i>Journal of Biogeography</i> , 2014, 41, 2283-2292. | 1.4 | 41 |
| 11 | Elevational pattern of bird species richness and its causes along a central Himalaya gradient, China. <i>PeerJ</i> , 2016, 4, e2636. | 0.9 | 40 |
| 12 | Ecological correlates of extinction risk in Chinese birds. <i>Ecography</i> , 2018, 41, 782-794. | 2.1 | 39 |
| 13 | The importance of accounting for imperfect detection when estimating functional and phylogenetic community structure. <i>Ecology</i> , 2018, 99, 2103-2112. | 1.5 | 38 |
| 14 | Patterns of avian diversity across a decreasing patch-size gradient in a critically endangered subtropical forest system. <i>Journal of Biogeography</i> , 2018, 45, 2118-2132. | 1.4 | 32 |
| 15 | University campuses as valuable resources for urban biodiversity research and conservation. <i>Urban Forestry and Urban Greening</i> , 2021, 64, 127255. | 2.3 | 28 |
| 16 | Elevational patterns of bird functional and phylogenetic structure in the central Himalaya. <i>Ecography</i> , 2021, 44, 1403-1417. | 2.1 | 27 |
| 17 | Dispersal modality determines the relative partitioning of beta diversity in spider assemblages on subtropical land-bridge islands. <i>Journal of Biogeography</i> , 2017, 44, 2121-2131. | 1.4 | 26 |
| 18 | Different responses of avian feeding guilds to spatial and environmental factors across an elevation gradient in the central Himalaya. <i>Ecology and Evolution</i> , 2019, 9, 4116-4128. | 0.8 | 25 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Cascading effects of forested area and isolation on seed dispersal effectiveness of rodents on subtropical islands. <i>Journal of Ecology</i> , 2019, 107, 1506-1517. | 1.9 | 24 |
| 20 | Island area, not isolation, drives taxonomic, phylogenetic and functional diversity of ants on landâ€bridge islands. <i>Journal of Biogeography</i> , 2020, 47, 1627-1637. | 1.4 | 24 |
| 21 | Seasonal variation in avian diversity and tolerance by migratory forest specialists of the patch-isolation gradient across a fragmented forest system. <i>Biodiversity and Conservation</i> , 2018, 27, 3707-3727. | 1.2 | 23 |
| 22 | β^2 diversity among ant communities on fragmented habitat islands: the roles of species trait, phylogeny and abundance. <i>Ecography</i> , 2021, 44, 1568-1578. | 2.1 | 21 |
| 23 | Species richness, phylogenetic and functional structure of bird communities in Chinese university campuses are associated with divergent variables. <i>Urban Ecosystems</i> , 2018, 21, 1213-1225. | 1.1 | 17 |
| 24 | Phylogenetic and functional clustering illustrate the roles of adaptive radiation and dispersal filtering in jointly shaping lateâ€Quaternary mammal assemblages on oceanic islands. <i>Ecology Letters</i> , 2022, 25, 1250-1262. | 3.0 | 16 |
| 25 | Regional effects of plant diversity and biotic homogenization in urban greenspace â€ The case of university campuses across China. <i>Urban Forestry and Urban Greening</i> , 2021, 62, 127170. | 2.3 | 15 |
| 26 | Arboreal camera trapping: a reliable tool to monitor plantâ€frugivore interactions in the trees on large scales. <i>Remote Sensing in Ecology and Conservation</i> , 2022, 8, 92-104. | 2.2 | 14 |
| 27 | Bird species richness is associated with phylogenetic relatedness, plant species richness, and altitudinal range in Inner Mongolia. <i>Ecology and Evolution</i> , 2018, 8, 53-58. | 0.8 | 13 |
| 28 | Passive acoustic monitoring reveals the role of habitat affinity in sensitivity of subâ€tropical East Asian bats to fragmentation. <i>Remote Sensing in Ecology and Conservation</i> , 2022, 8, 208-221. | 2.2 | 13 |
| 29 | Beta-diversity partitioning: methods, applications and perspectives. <i>Biodiversity Science</i> , 2017, 25, 464-480. | 0.2 | 13 |
| 30 | Land use and elevation interact to shape bird functional and phylogenetic diversity and structure: Implications for designing optimal agriculture landscapes. <i>Journal of Applied Ecology</i> , 2021, 58, 1738-1748. | 1.9 | 12 |
| 31 | When the speciesâ€timeâ€area relationship meets island biogeography: Diversity patterns of avian communities over time and space in a subtropical archipelago. <i>Journal of Biogeography</i> , 2018, 45, 664-675. | 1.4 | 11 |
| 32 | Do seasonal species assemblages differ in their biogeography? Evidence from the spatial structure of bird communities on landâ€bridge islands. <i>Journal of Biogeography</i> , 2018, 45, 473-483. | 1.4 | 10 |
| 33 | High plant species richness and stable climate lead to richer but phylogenetically and functionally clustered avifaunas. <i>Journal of Biogeography</i> , 2020, 47, 1945-1954. | 1.4 | 10 |
| 34 | Plantâ€frugivore interactions revealed by arboreal camera trapping. <i>Frontiers in Ecology and the Environment</i> , 2021, 19, 149-151. | 1.9 | 8 |
| 35 | Spatial variation in egg polymorphism among cuckoo hosts across 4 continents. <i>Environmental Epigenetics</i> , 2020, 66, 477-483. | 0.9 | 7 |
| 36 | Camera traps and the minimum trapping effort for ground-dwelling mammals in fragmented habitats in the Thousand Island Lake, Zheji-ang Province. <i>Biodiversity Science</i> , 2014, 22, 764. | 0.2 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | A landscape-level analysis of bird taxonomic, functional and phylogenetic β -diversity in habitat island systems. <i>Journal of Biogeography</i> , 2022, 49, 1162-1175. | 1.4 | 7 |
| 38 | Scale-dependent shifts in functional and phylogenetic structure of Mediterranean island plant communities over two centuries. <i>Journal of Ecology</i> , 2021, 109, 3513. | 1.9 | 5 |
| 39 | Host plant environmental filtering drives foliar fungal community assembly in symptomatic leaves. <i>Oecologia</i> , 2021, 195, 737-749. | 0.9 | 4 |
| 40 | Stable species and interactions in plant-pollinator networks deviate from core position in fragmented habitats. <i>Ecography</i> , 2022, 2022, . | 2.1 | 4 |
| 41 | Species traits linked with range shifts of Chinese birds. <i>Global Ecology and Conservation</i> , 2020, 21, e00874. | 1.0 | 3 |
| 42 | Conceptual and theoretical dimensions of biodiversity research in China: examples from plants. <i>National Science Review</i> , 2021, 8, nwab060. | 4.6 | 3 |
| 43 | SLOSS-based inferences in a fragmented landscape depend on fragment area and species-area slope. <i>Journal of Biogeography</i> , 0, . | 1.4 | 3 |
| 44 | Spatiotemporal distribution of seasonal bird assemblages on land-bridge islands: linking dynamic and static views of metacommunities. <i>Avian Research</i> , 2019, 10, . | 0.5 | 2 |
| 45 | Personality of hosts and their brood parasites. <i>Environmental Epigenetics</i> , 2021, 67, 625-630. | 0.9 | 2 |
| 46 | Camera trap survey on population dynamics of mammals and birds in Gutianshan Forest Dynamics Plot, eastern China. <i>Biodiversity Science</i> , 2014, 22, 819. | 0.2 | 2 |
| 47 | Functional and phylogenetic structures of pheasants in China. <i>Avian Research</i> , 2022, 13, 100041. | 0.5 | 1 |
| 48 | Effects of dispersal abilities on community dynamics of breeding birds on the land-bridge islands in the Thousand Island Lake, China. <i>Biodiversity Science</i> , 2016, 24, 1135-1145. | 0.2 | 0 |