

Xiao Xiao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

653
citations

12
h-index

17
g-index

17
ext. papers

796
ext. citations

5
avg, IF

4.01
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 17 | Measurement of Biodiversity (MoB): A method to separate the scale-dependent effects of species abundance distribution, density, and aggregation on diversity change. <i>Methods in Ecology and Evolution</i> , 2019 , 10, 258-269 | 7.7 | 58 |
| 16 | mobsim: An r package for the simulation and measurement of biodiversity across spatial scales. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 1401-1408 | 7.7 | 17 |
| 15 | Building up biogeography: Pattern to process. <i>Journal of Biogeography</i> , 2018 , 45, 1223-1230 | 4.1 | 13 |
| 14 | Embracing scale-dependence to achieve a deeper understanding of biodiversity and its change across communities. <i>Ecology Letters</i> , 2018 , 21, 1737-1751 | 10 | 117 |
| 13 | Taylor's Power Law for Leaf Bilateral Symmetry. <i>Forests</i> , 2018 , 9, 500 | 2.8 | 14 |
| 12 | Reinterpreting maximum entropy in ecology: a null hypothesis constrained by ecological mechanism. <i>Ecology Letters</i> , 2017 , 20, 832-841 | 10 | 5 |
| 11 | Comparing process-based and constraint-based approaches for modeling macroecological patterns. <i>Ecology</i> , 2016 , 97, 1228-38 | 4.6 | 12 |
| 10 | Comparing process-based and constraint-based approaches for modeling macroecological patterns 2016 , 97, 1228 | | 1 |
| 9 | An extensive comparison of species-abundance distribution models. <i>PeerJ</i> , 2016 , 4, e2823 | 3.1 | 41 |
| 8 | A Process-Independent Explanation for the General Form of Taylor's Law. <i>American Naturalist</i> , 2015 , 186, E51-60 | 3.7 | 32 |
| 7 | A strong test of the maximum entropy theory of ecology. <i>American Naturalist</i> , 2015 , 185, E70-80 | 3.7 | 39 |
| 6 | Armstrong-McGehee mechanism revisited: competitive exclusion and coexistence of nonlinear consumers. <i>Journal of Theoretical Biology</i> , 2013 , 339, 26-35 | 2.3 | 12 |
| 5 | An empirical evaluation of four variants of a universal species-area relationship. <i>PeerJ</i> , 2013 , 1, e212 | 3.1 | 10 |
| 4 | Characterizing species abundance distributions across taxa and ecosystems using a simple maximum entropy model. <i>Ecology</i> , 2012 , 93, 1772-8 | 4.6 | 63 |
| 3 | On the use of log-transformation vs. nonlinear regression for analyzing biological power laws. <i>Ecology</i> , 2011 , 92, 1887-94 | 4.6 | 207 |
| 2 | An extensive comparison of species-abundance distribution models | | 1 |
| 1 | Methodological Tools7-20 | | 11 |

