

Katharine L Gerst

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5341376/katharine-l-gerst-publications-by-year.pdf>

Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

25 papers	474 citations	12 h-index	21 g-index
25 ext. papers	667 ext. citations	3.7 avg, IF	3.43 L-index

#	Paper	IF	Citations
25	The USA National Phenology Network's Buffelgrass Green-up Forecast map products. <i>Ecological Solutions and Evidence</i> , 2021 , 2, e12109	2.1	0
24	Global COVID-19 lockdown highlights humans as both threats and custodians of the environment. <i>Biological Conservation</i> , 2021 , 263, 109175	6.2	20
23	Distribution and photosynthetic assimilation of rosulate aroid epiphytes in a Costa Rican lowland rainforest. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2021 , 279, 151830	1.9	0
22	PS3: The Pheno-Synthesis software suite for integration and analysis of multi-scale, multi-platform phenological data. <i>Ecological Informatics</i> , 2021 , 65, 101400	4.2	1
21	Short-Term Forecasts of Insect Phenology Inform Pest Management. <i>Annals of the Entomological Society of America</i> , 2020 , 113, 139-148	2	9
20	How well do the spring indices predict phenological activity across plant species?. <i>International Journal of Biometeorology</i> , 2020 , 64, 889-901	3.7	5
19	Functional traits of broad-leaved monocot herbs in the understory and forest edges of a Costa Rican rainforest. <i>PeerJ</i> , 2020 , 8, e9958	3.1	2
18	A decade of flowering phenology of the keystone saguaro cactus (<i>Carnegiea gigantea</i>). <i>American Journal of Botany</i> , 2019 , 106, 199-210	2.7	4
17	Time to branch out? Application of hierarchical survival models in plant phenology. <i>Agricultural and Forest Meteorology</i> , 2019 , 279, 107694	5.8	8
16	Creating the Urban Farmer's Almanac with Citizen Science Data. <i>Insects</i> , 2019 , 10,	2.8	3
15	Phenological responsiveness to climate differs among four species of <i>Quercus</i> in North America. <i>Journal of Ecology</i> , 2017 , 105, 1610-1622	6	20
14	USA National Phenology Network's volunteer-contributed observations yield predictive models of phenological transitions. <i>PLoS ONE</i> , 2017 , 12, e0182919	3.7	22
13	Estimating the onset of spring from a complex phenology database: trade-offs across geographic scales. <i>International Journal of Biometeorology</i> , 2016 , 60, 391-400	3.7	15
12	Climate change is advancing spring onset across the U.S. national park system. <i>Ecosphere</i> , 2016 , 7, e014651	3.1	43
11	Species-specific phenological responses to winter temperature and precipitation in a water-limited ecosystem. <i>Ecosphere</i> , 2015 , 6, art98	3.1	29
10	Developing a Workflow to Identify Inconsistencies in Volunteered Geographic Information: A Phenological Case Study. <i>PLoS ONE</i> , 2015 , 10, e0140811	3.7	13
9	Standardized phenology monitoring methods to track plant and animal activity for science and resource management applications. <i>International Journal of Biometeorology</i> , 2014 , 58, 591-601	3.7	117

8	Organizing phenological data resources to inform natural resource conservation. <i>Biological Conservation</i> , 2014 , 173, 90-97	6.2	33
7	Phenology research for natural resource management in the United States. <i>International Journal of Biometeorology</i> , 2014 , 58, 579-89	3.7	35
6	The California Phenology Project: Tracking Plant Responses to Climate Change. <i>Madroño</i> , 2013 , 60, 1-3	0.4	11
5	The effect of geographic range position on demographic variability in annual plants. <i>Journal of Ecology</i> , 2011 , 99, no-no	6	12
4	Impact of an Ecohydrology Classroom Activity on Middle School Students' Understanding of Evapotranspiration. <i>Journal of Natural Resources and Life Sciences Education</i> , 2010 , 39, 150-156		2
3	Photosynthetic resource-use efficiency and demographic variability in desert winter annual plants. <i>Ecology</i> , 2008 , 89, 1554-63	4.6	62
2	USA National Phenology Network gridded products documentation. <i>US Geological Survey Open-File Report</i> ,		4
1	USA National Phenology Network observational data documentation. <i>US Geological Survey Open-File Report</i> ,		4