Steven Dean Prager

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2313260/publications.pdf

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		471509	302126
53	1,739	17	39
papers	citations	h-index	g-index

59	59	59	2575
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	When food systems meet sustainability â€“ Current narratives and implications for actions. World Development, 2019, 113, 116-130.	4.9	377
2	The dynamics of animal social networks: analytical, conceptual, and theoretical advances. Behavioral Ecology, 2014, 25, 242-255.	2.2	340
3	A scoping review on incentives for adoption of sustainable agricultural practices and their outcomes. Nature Sustainability, 2020, 3, 809-820.	23.7	225
4	Understanding food systems drivers: A critical review of the literature. Global Food Security, 2019, 23, 149-159.	8.1	90
5	Global map and indicators of food system sustainability. Scientific Data, 2019, 6, 279.	5.3	73
6	Global drivers of food system (un)sustainability: A multi-country correlation analysis. PLoS ONE, 2020, 15, e0231071.	2.5	66
7	Assessing Weather-Yield Relationships in Rice at Local Scale Using Data Mining Approaches. PLoS ONE, 2016, 11, e0161620.	2.5	56
8	Understanding the consequences of changes in the production frontiers for roots, tubers and bananas. Global Food Security, 2019, 20, 180-188.	8.1	37
9	Predictability of seasonal precipitation across major crop growing areas in Colombia. Climate Services, 2018, 12, 36-47.	2.5	36
10	In pursuit of a better world: crop improvement and the CGIAR. Journal of Experimental Botany, 2021, 72, 5158-5179.	4.8	35
11	Assessment and Evaluation of GIScience Curriculum using the Geographic Information Science and Technology Body of Knowledge. Journal of Geography in Higher Education, 2009, 33, S46-S69.	2.6	30
12	From Observation to Information: Data-Driven Understanding of on Farm Yield Variation. PLoS ONE, 2016, 11, e0150015.	2.5	30
13	Small-scale farmers in a 1.5Â°C future: The importance of local social dynamics as an enabling factor for implementation and scaling of climate-smart agriculture. Current Opinion in Environmental Sustainability, 2018, 31, 112-119.	6.3	23
14	Assessing the implications of a 1.5ÂÂ°C temperature limit for the Jamaican agriculture sector. Regional Environmental Change, 2018, 18, 2313-2327.	2.9	22
15	CGIAR modeling approaches for resourceâ€constrained scenarios: II. Models for analyzing socioeconomic factors to improve policy recommendations. Crop Science, 2020, 60, 568-581.	1.8	21
16	Foundations of sustainability information representation theory: spatialâ€“temporal dynamics of sustainable systems. International Journal of Geographical Information Science, 2014, 28, 1165-1185.	4.8	20
17	Biological control of an invasive pest eases pressures on global commodity markets. Environmental Research Letters, 2018, 13, 094005.	5.2	20
18	A global meta-analysis of climate services and decision-making in agriculture. Climate Services, 2021, 22, 100231.	2.5	20

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19	100 years of ecology: what are our concepts and are they useful?. Ecological Monographs, 2017, 87, 260-277.	5.4	19
20	Historical and emerging practices in ecological topology. Ecological Complexity, 2009, 6, 160-171.	2.9	17
21	Using the extended quarter degree grid cell system to unify mapping and sharing of biodiversity data. African Journal of Ecology, 2009, 47, 382-392.	0.9	14
22	Utilization of spatial decision support systems decision-making in dryland agriculture: A Tifton burclover case study. Computers and Electronics in Agriculture, 2015, 118, 215-224.	7.7	14
23	Estimating sagebrush cover in semi-arid environments using Landsat Thematic Mapper data. International Journal of Applied Earth Observation and Geoinformation, 2009, 11, 103-107.	2.8	13
24	Improving Seasonal Precipitation Forecasts for Agriculture in the OrinoquÃa Region of Colombia. Weather and Forecasting, 2020, 35, 437-449.	1.4	12
25	Importance of genetic parameters and uncertainty of MANIHOT, a new mechanistic cassava simulation model. European Journal of Agronomy, 2020, 115, 126031.	4.1	12
26	Strategic foresight for agriculture: Past ghosts, present challenges, and future opportunities. Global Food Security, 2021, 28, 100489.	8.1	12
27	Got forages? Understanding potential returns on investment in <i>Brachiaria</i> spp. for dairy producers in Eastern Africa. Tropical Grasslands - Forrajes Tropicales, 2018, 6, 117-133.	0.5	12
28	Network approaches for understanding rainwater management from a social-ecological systems perspective. Ecology and Society, 2015, 20, .	2.3	9
29	Environmental contextualization of uncertainty for moving objects. Computers, Environment and Urban Systems, 2007, 31, 303-316.	7.1	8
30	Determinants of vulnerability of bean growing households to climate variability in Colombia. Climate and Development, 2020, 12, 730-742.	3.9	7
31	How does El NiÃ±o Southern Oscillation affect rice-producing environments in central Colombia?. Agricultural and Forest Meteorology, 2021, 306, 108443.	4.8	7
32	Labour productivity: The forgotten yield gap. Agricultural Systems, 2022, 201, 103452.	6.1	7
33	Pronosticos AClimateColombia: A system for the provision of information for climate risk reduction in Colombia. Computers and Electronics in Agriculture, 2020, 174, 105486.	7.7	6
34	Impactos socioeconÃ³micos del cambio climÃ¡tico en AmÃ©rica Latina y el Caribe: 2020-2045. Cuadernos De Desarrollo Rural, 2016, 13, 11.	0.3	6
35	Ecological Concepts: What Are They, What Is Their Value, And For Whom?. Bulletin of the Ecological Society of America, 2015, 96, 64-69.	0.2	5
36	A GIS-based method for the analysis of digital rhizotron images. Plant Root, 2011, 5, 69-78.	0.3	4

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37	Evolutionary search for understanding movement dynamics on mixed networks. GeoInformatica, 2013, 17, 353-385.	2.7	4
38	Modeling Use of Space from Social Media Data Using a Biased Random Walker. Transactions in GIS, 2014, 18, 817-833.	2.3	4
39	Modeling unobserved true position using multiple sources and information semantics. International Journal of Geographical Information Science, 2012, 26, 15-37.	4.8	3
40	Combining multiple maps of line features to infer true position. Bayesian Analysis, 2008, 3, .	3.0	3
41	A hybrid evolutionary-graph approach for finding functional network paths. , 2009, , .		2
42	Disaggregating human population for improved land use management in Kenya. Journal of Land Use Science, 2010, 5, 237-257.	2.2	2
43	Synthesizing Vulnerability, Risk, Resilience, and Sustainability into VRRSability for Improving Geoinformation Decision Support Evaluations. ISPRS International Journal of Geo-Information, 2021, 10, 179.	2.9	2
44	Healthy and sustainable diets from today to 2050â€”The role of international trade. PLoS ONE, 2022, 17, e0264729.	2.5	2
45	Conceptual toolboxes for twentyâ€firstâ€century ecologists. Ecosphere, 2018, 9, e02104.	2.2	1
46	<title>Analysis of technical alternative technologies for the development of context-driven composable environmental representations for JSB</title>. , 2004, , .		0
47	Conditional sustainability. International Journal of Sustainable Development, 2006, 9, 227.	0.2	0
48	Sketch-based Identification of Bench and Terrace Slope Breaks in the Laramie Basin, Wyoming. Transactions in GIS, 2007, 11, 703-719.	2.3	0
49	Response to comments on the dynamics of network dynamics. Behavioral Ecology, 2014, 25, 260-261.	2.2	0
50	External Influences on Ecological Theory: Report on Organized Oral Session 80 at the 100th Anniversary Meeting of the Ecological Society of America. Bulletin of the Ecological Society of America, 2016, 97, 311-317.	0.2	0
51	Robust Path Matching and Anomalous Route Detection Using Posterior Weighted Graphs. ACM Transactions on Spatial Algorithms and Systems, 2019, 5, 1-19.	1.4	0
52	The usefulness of ecological concepts: patterns among practitioners. Ecosphere, 2019, 10, e02652.	2.2	0
53	GIS&T and Agriculture. , 2017, 2017, .		0