

Perrine Hamel

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3872186/perrine-hamel-publications-by-year.pdf>

Version: 2024-04-28

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.

54
papers

2,240
citations

22
h-index

47
g-index

62
ext. papers

2,877
ext. citations

7.2
avg, IF

5.45
L-index

#	Paper	IF	Citations
54	Nature futures for the urban century: Integrating multiple values into urban management. <i>Environmental Science and Policy</i> , 2022 , 131, 46-56	6.2	3
53	A geospatial model of nature-based recreation for urban planning: Case study of Paris, France. <i>Land Use Policy</i> , 2022 , 117, 106107	5.6	1
52	Global variation in contributions to human well-being from urban vegetation ecosystem services. <i>One Earth</i> , 2022 , 5, 522-533	8.1	3
51	Blue-Green Infrastructure for Flood and Water Quality Management in Southeast Asia: Evidence and Knowledge Gaps. <i>Environmental Management</i> , 2021 , 1	3.1	12
50	Becoming Interdisciplinary. <i>Proceedings of the ACM on Human-Computer Interaction</i> , 2021 , 5, 1-27	3.4	4
49	An ecosystem service perspective on urban nature, physical activity, and health. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	34
48	Mapping the benefits of nature in cities with the InVEST software. <i>Npj Urban Sustainability</i> , 2021 , 1,		12
47	Blending Ecosystem Service and Resilience Perspectives in Planning of Natural Infrastructure: Lessons from the San Francisco Bay Area. <i>Frontiers in Environmental Science</i> , 2021 , 9,	4.8	2
46	A spatially explicit approach to simulate urban heat mitigation with InVEST (v3.8.0). <i>Geoscientific Model Development</i> , 2021 , 14, 3521-3537	6.3	3
45	Towards Regional Scale Stormwater Flood Management Strategies through Rapid Preliminary Intervention Screening. <i>Water (Switzerland)</i> , 2021 , 13, 2027	3	2
44	A Review of Urban Ecosystem Services Research in Southeast Asia. <i>Land</i> , 2021 , 10, 40	3.5	8
43	Are soil sealing indicators sufficient to guide urban planning? Insights from an ecosystem services assessment in the Paris metropolitan area. <i>Environmental Research Letters</i> , 2021 , 16, 104019	6.2	2
42	Producing valuable information from hydrologic models of nature-based solutions for water. <i>Integrated Environmental Assessment and Management</i> , 2021 ,	2.5	3
41	Nature-based solutions for flood risk reduction: A probabilistic modeling framework. <i>One Earth</i> , 2021 , 4, 1310-1321	8.1	3
40	Evaluating urban greening scenarios for urban heat mitigation: a spatially explicit approach.. <i>Royal Society Open Science</i> , 2021 , 8, 202174	3.3	1
39	Modeling seasonal water yield for landscape management: Applications in Peru and Myanmar. <i>Journal of Environmental Management</i> , 2020 , 270, 110792	7.9	6
38	Who Are we Measuring and Modeling for? Supporting Multilevel Decision-Making in Watershed Management. <i>Water Resources Research</i> , 2020 , 56, e2019WR026011	5.4	15

37	The Disaster and Climate Change Artathon 2020 ,		3
36	The value of hydrologic information for watershed management programs: The case of Camboriçá Brazil. <i>Science of the Total Environment</i> , 2020 , 705, 135871	10.2	11
35	Supply and demand assessment of urban recreation service and its implication for greenspace planning-A case study on Guangzhou. <i>Landscape and Urban Planning</i> , 2020 , 203, 103898	7.7	26
34	The Value of US Urban Tree Cover for Reducing Heat-Related Health Impacts and Electricity Consumption. <i>Ecosystems</i> , 2020 , 23, 137-150	3.9	17
33	Global modeling of nature's contributions to people. <i>Science</i> , 2019 , 366, 255-258	33.3	137
32	Social-ecological and technological factors moderate the value of urban nature. <i>Nature Sustainability</i> , 2019 , 2, 29-38	22.1	163
31	Look beyond peer-reviewed literature and traditional validation when assessing ecosystem services modeling efforts: A response to Ochoa and Urbina-Cardona's review. <i>Ecosystem Services</i> , 2018 , 30, 1-2	6.1	1
30	National scale evaluation of the InVEST nutrient retention model in the United Kingdom. <i>Science of the Total Environment</i> , 2018 , 610-611, 666-677	10.2	79
29	Watershed services in the humid tropics: Opportunities from recent advances in ecohydrology. <i>Ecohydrology</i> , 2018 , 11, e1921	2.5	19
28	Curve Number Approach to Estimate Monthly and Annual Direct Runoff. <i>Journal of Hydrologic Engineering - ASCE</i> , 2018 , 23, 04017060	1.8	4
27	Transparent and feasible uncertainty assessment adds value to applied ecosystem services modeling. <i>Ecosystem Services</i> , 2018 , 33, 103-109	6.1	26
26	Sediment delivery modeling in practice: Comparing the effects of watershed characteristics and data resolution across hydroclimatic regions. <i>Science of the Total Environment</i> , 2017 , 580, 1381-1388	10.2	48
25	Uncertainty assessment in ecosystem services analyses: Seven challenges and practical responses. <i>Ecosystem Services</i> , 2017 , 24, 1-15	6.1	91
24	Life cycle assessment needs predictive spatial modelling for biodiversity and ecosystem services. <i>Nature Communications</i> , 2017 , 8, 15065	17.4	44
23	Potential effects of landscape change on water supplies in the presence of reservoir storage. <i>Water Resources Research</i> , 2017 , 53, 2679-2692	5.4	10
22	Identification of ditches and furrows using remote sensing: application to sediment modelling in the Tana watershed, Kenya. <i>International Journal of Remote Sensing</i> , 2017 , 38, 4611-4630	3.1	4
21	Promoting human rights through science. <i>Science</i> , 2017 , 358, 34-37	33.3	11
20	Assessing ecosystem service provision under climate change to support conservation and development planning in Myanmar. <i>PLoS ONE</i> , 2017 , 12, e0184951	3.7	23

19	Predicting dry-season flows with a monthly rainfall-runoff model: Performance for gauged and ungauged catchments. <i>Hydrological Processes</i> , 2017 , 31, 3844-3858	3.3	12
18	Incorporating climate change into ecosystem service assessments and decisions: a review. <i>Global Change Biology</i> , 2017 , 23, 28-41	11.4	108
17	Integrating environmental and social impacts with ecosystem services analysis 2017 , 159-176		
16	Will it rise or will it fall? Managing the complex effects of urbanization on base flow. <i>Freshwater Science</i> , 2016 , 35, 293-310	2	92
15	Optimizing land use decision-making to sustain Brazilian agricultural profits, biodiversity and ecosystem services. <i>Biological Conservation</i> , 2016 , 204, 221-230	6.2	70
14	Landscape configuration is the primary driver of impacts on water quality associated with agricultural expansion. <i>Environmental Research Letters</i> , 2016 , 11, 074012	6.2	33
13	Managing forest ecosystem services for hydropower production. <i>Environmental Science and Policy</i> , 2016 , 61, 221-229	6.2	14
12	A new approach to modeling the sediment retention service (InVEST 3.0): Case study of the Cape Fear catchment, North Carolina, USA. <i>Science of the Total Environment</i> , 2015 , 524-525, 166-77	10.2	129
11	Sensitivity analysis of a sediment dynamics model applied in a Mediterranean river basin: global change and management implications. <i>Science of the Total Environment</i> , 2015 , 502, 602-10	10.2	29
10	Automated Chamber System to Measure Field Evapotranspiration Rates. <i>Journal of Hydrologic Engineering - ASCE</i> , 2015 , 20, 04014037	1.8	4
9	Which baseflow metrics should be used in assessing flow regimes of urban streams?. <i>Hydrological Processes</i> , 2015 , 29, 4367-4378	3.3	17
8	Uncertainty analysis of a spatially explicit annual water-balance model: case study of the Cape Fear basin, North Carolina. <i>Hydrology and Earth System Sciences</i> , 2015 , 19, 839-853	5.5	71
7	Ecosystem services: Challenges and opportunities for hydrologic modeling to support decision making. <i>Water Resources Research</i> , 2014 , 50, 4535-4544	5.4	98
6	The impact of stormwater source-control strategies on the (low) flow regime of urban catchments. <i>Water Science and Technology</i> , 2014 , 69, 739-45	2.2	23
5	Modelling the impact of stormwater source control infiltration techniques on catchment baseflow. <i>Hydrological Processes</i> , 2014 , 28, 5817-5831	3.3	28
4	Source-control stormwater management for mitigating the impacts of urbanisation on baseflow: A review. <i>Journal of Hydrology</i> , 2013 , 485, 201-211	6	153
3	Understanding, management and modelling of urban hydrology and its consequences for receiving waters: A state of the art. <i>Advances in Water Resources</i> , 2013 , 51, 261-279	4.7	505
2	A spatially-explicit approach to simulate urban heat islands in complex urban landscapes		2

- 1 Uncertainty analysis of a spatially-explicit annual water-balance model: case study of the Cape Fear catchment, NC