

Ariane Walz

List of Publications by Citations

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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.

47
papers

2,784
citations

19
h-index

50
g-index

50
ext. papers

3,430
ext. citations

6.3
avg, IF

4.97
L-index

#	Paper	IF	Citations
47	Climate extremes and the carbon cycle. <i>Nature</i> , 2013 , 500, 287-95	50.4	974
46	Effects of climate extremes on the terrestrial carbon cycle: concepts, processes and potential future impacts. <i>Global Change Biology</i> , 2015 , 21, 2861-80	11.4	454
45	Transitions in European land-management regimes between 1800 and 2010. <i>Land Use Policy</i> , 2015 , 49, 53-64	5.6	194
44	Participatory scenario analysis for integrated regional modelling. <i>Landscape and Urban Planning</i> , 2007 , 81, 114-131	7.7	125
43	A Global System for Monitoring Ecosystem Service Change. <i>BioScience</i> , 2012 , 62, 977-986	5.7	124
42	Grazing deteriorates the soil carbon stocks of Caatinga forest ecosystems in Brazil. <i>Forest Ecology and Management</i> , 2016 , 367, 62-70	3.9	76
41	Unchanged frequency of moraine-dammed glacial lake outburst floods in the Himalaya. <i>Nature Climate Change</i> , 2019 , 9, 379-383	21.4	75
40	Valuing Ecosystem Services for Sustainable Landscape Planning in Alpine Regions. <i>Mountain Research and Development</i> , 2008 , 28, 156-165	1.4	74
39	Hazard from Himalayan glacier lake outburst floods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 907-912	11.5	72
38	Nature's contributions to people in mountains: A review. <i>PLoS ONE</i> , 2019 , 14, e0217847	3.7	53
37	Detecting Himalayan glacial lake outburst floods from Landsat time series. <i>Remote Sensing of Environment</i> , 2018 , 207, 84-97	13.2	51
36	Vulnerability of European freshwater catchments to climate change. <i>Global Change Biology</i> , 2017 , 23, 3567-3580	11.4	46
35	Testing socio-cultural valuation methods of ecosystem services to explain land use preferences. <i>Ecosystem Services</i> , 2017 , 26, 270-288	6.1	41
34	Current role of social benefits in ecosystem service assessments. <i>Landscape and Urban Planning</i> , 2016 , 149, 49-64	7.7	38
33	How can tourism use land more efficiently? A model-based approach to land-use efficiency for tourist destinations. <i>Tourism Management</i> , 2011 , 32, 629-640	10.8	38
32	Sustainable Land Use in Mountain Regions Under Global Change: Synthesis Across Scales and Disciplines. <i>Ecology and Society</i> , 2013 , 18,	4.1	26
31	National indicators for observing ecosystem service change. <i>Global Environmental Change</i> , 2015 , 35, 12-21	11.1	24

30	Crowdsourcing: It Matters Who the Crowd Are. The Impacts of between Group Variations in Recording Land Cover. <i>PLoS ONE</i> , 2016 , 11, e0158329	3.7	22
29	Linking models of land use, resources, and economy to simulate the development of mountain regions (ALPSCAPE). <i>Environmental Management</i> , 2007 , 40, 379-93	3.1	20
28	Immersive 3D geovisualization in higher education. <i>Journal of Geography in Higher Education</i> , 2015 , 39, 437-449	1.6	17
27	Risk estimation for future glacier lake outburst floods based on local land-use changes. <i>Natural Hazards and Earth System Sciences</i> , 2014 , 14, 1611-1624	3.9	17
26	Regional CO2 budget, countermeasures and reduction aims for the Alpine tourist region of Davos, Switzerland. <i>Energy Policy</i> , 2008 , 36, 811-820	7.2	17
25	Key landscape features in the provision of ecosystem services: Insights for management. <i>Land Use Policy</i> , 2019 , 82, 353-366	5.6	17
24	Sociocultural valuation of ecosystem services for operational ecosystem management: mapping applications by decision contexts in Europe. <i>Regional Environmental Change</i> , 2019 , 19, 2245-2259	4.3	16
23	Experience from downscaling IPCC-SRES scenarios to specific national-level focus scenarios for ecosystem service management. <i>Technological Forecasting and Social Change</i> , 2014 , 86, 21-32	9.5	16
22	Generic Regional Development Strategies from Local Stakeholders\Scenarios - an Alpine Village Experience. <i>Ecology and Society</i> , 2010 , 15,	4.1	14
21	A cross-scale impact assessment of European nature protection policies under contrasting future socio-economic pathways. <i>Regional Environmental Change</i> , 2018 , 18, 751-762	4.3	12
20	Ecosystem Services 2017 , 39-78		11
19	Climatic and socioeconomic effects on land cover changes across Europe: Does protected area designation matter?. <i>PLoS ONE</i> , 2019 , 14, e0219374	3.7	11
18	Scale effects on the performance of niche-based models of freshwater fish distributions. <i>Ecological Modelling</i> , 2019 , 405, 33-42	3	10
17	Systematic evaluation of scenario assessments supporting sustainable integrated natural resources management: evidence from four case studies in Africa. <i>Ecology and Society</i> , 2018 , 23,	4.1	10
16	Simulating functional diversity of European natural forests along climatic gradients. <i>Journal of Biogeography</i> , 2020 , 47, 1069-1085	4.1	9
15	Ecosystem services for connecting actors \Lessons from a symposium. <i>Change and Adaptation in Socio-Ecological Systems</i> , 2015 , 2,	1.3	9
14	A probabilistic risk assessment for the vulnerability of the European carbon cycle to weather extremes: the ecosystem perspective. <i>Biogeosciences</i> , 2015 , 12, 1813-1831	4.6	9
13	The Sociocultural Value of Upland Regions in the Vicinity of Cities in Comparison With Urban Green Spaces. <i>Mountain Research and Development</i> , 2016 , 36, 465	1.4	9

12	Creating space, aligning motivations, and building trust: a practical framework for stakeholder engagement based on experience in 12 ecosystem services case studies. <i>Ecology and Society</i> , 2019 , 24,	4.1	8
11	Climate change increases riverine carbon outgassing, while export to the ocean remains uncertain. <i>Earth System Dynamics</i> , 2016 , 7, 559-582	4.8	6
10	Virtual WorldsReal Decisions: Model- and Visualization-based Tools for Landscape Planning in Switzerland. <i>Mountain Research and Development</i> , 2008 , 28, 122-127	1.4	5
9	Breaking the ecosystem services glass ceiling: realising impact. <i>Regional Environmental Change</i> , 2019 , 19, 2261-2274	4.3	4
8	Chlorophyll a relationships with nutrients and temperature, and predictions for lakes across perialpine and Balkan mountain regions. <i>Inland Waters</i> , 2020 , 10, 29-41	2.4	4
7	Deforestation in Amazonia impacts riverine carbon dynamics. <i>Earth System Dynamics</i> , 2016 , 7, 953-968	4.8	4
6	Cross-Scale Vulnerability Assessment for Smallholder Farming: A Case Study from the Northeast of Brazil. <i>Sustainability</i> , 2020 , 12, 3787	3.6	2
5	Scale effects on the performance of niche-based models of freshwater fish distributions: Local vs. upstream area influences. <i>Ecological Modelling</i> , 2019 , 411, 108818	3	1
4	Integrated Monitoring and Sustainability Assessment in the Tyrolean Alps: Experiences in Transdisciplinarity 2013 , 527-554		1
3	Controls of outbursts of moraine-dammed lakes in the greater Himalayan region. <i>Cryosphere</i> , 2021 , 15, 4145-4163	5.5	1
2	The Role of Ecosystem Services in Increasing the Adaptive Capacity of the Poor 2012 , 179-191		
1	Nachhaltige Land- und Forstwirtschaft im Berggebiet: das Forschungsprojekt "Mountland". <i>Schweizerische Zeitschrift Fur Forstwesen</i> , 2012 , 163, 464-468	0.4	