Erich Tasser

List of Publications by Year
in descending order

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97 papers	5,014 citations	100601 38 h-index	107981 68 g-index
108 all docs	108 docs citations	108 times ranked	5273 citing authors

#	Article	IF	Citations
1	Copper and zinc as a window to past agricultural land-use. Journal of Hazardous Materials, 2022, 424, 126631.	6.5	8
2	A first attempt at a holistic analysis of various influencing factors on the fish fauna in the Eastern European Alps. Science of the Total Environment, 2022, 808, 151886.	3.9	5
3	Changes in perspective needed to forge â€˜noâ€regretâ€™ forestâ€based climate change mitigation strategies. GCB Bioenergy, 2022, 14, 246-257.	2.5	12
4	Effects of land use and climate on carbon and nitrogen pool partitioning in European mountain grasslands. Science of the Total Environment, 2022, 822, 153380.	3.9	10
5	Swiss stone pine growth benefits less from recent warming than European larch at a dry-inner alpine forest line as it reacts more sensitive to humidity. Agricultural and Forest Meteorology, 2022, 315, 108788.	1.9	3
6	The contribution of landscape features, climate and topography in shaping taxonomical and functional diversity of avian communities in a heterogeneous Alpine region. Oecologia, 2022, 199, 499-512.	0.9	8
7	Using the Ecosystem Services Concept to Assess Transformation of Agricultural Landscapes in the European Alps. Land, 2022, 11, 49.	1.2	6
8	The plurality of wilderness beliefs and their mediating role in shaping attitudes towards wilderness. Journal of Environmental Management, 2021, 277, 111392.	3.8	8
9	Harnessing artificial intelligence technology and social media data to support Cultural Ecosystem Service assessments. People and Nature, 2021, 3, 673-685.	1.7	38
10	Good Pastures, Good Meadows: Mountain Farmersâ€™ Assessment, Perceptions on Ecosystem Services, and Proposals for Biodiversity Management. Sustainability, 2021, 13, 5609.	1.6	7
11	Evidence for the importance of land use, site characteristics and vegetation composition for rooting in European Alps. Scientific Reports, 2021, 11, 11246.	1.6	7
12	Trends in Ecosystem Services across Europe Due to Land-Use/Cover Changes. Sustainability, 2021, 13, 7095.	1.6	7
13	Effects of past landscape changes on aesthetic landscape values in the European Alps. Landscape and Urban Planning, 2021, 212, 104109.	3.4	35
14	What can geotagged photographs tell us about cultural ecosystem services of lakes?. Ecosystem Services, 2021, 51, 101354.	2.3	31
15	Two perspectives â€“ one goal: resilience research in protected mountain regions. Eco Mont, 2021, 13, 12-20.	0.1	0
16	Hidden Engineers and Service Providers: Earthworms in Agricultural Land-Use Types of South Tyrol, Italy. Sustainability, 2021, 13, 312.	1.6	7
17	Social-ecological resilience in remote mountain communities: toward a novel framework for an interdisciplinary investigation. Ecology and Society, 2021, 26, .	1.0	9
18	Drought- and heat-induced shifts in vegetation composition impact biomass production and water use of alpine grasslands. Environmental and Experimental Botany, 2020, 169, 103921.	2.0	35

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19	Grassland biomass balance in the European Alps: current and future ecosystem service perspectives. Ecosystem Services, 2020, 45, 101163.	2.3	38
20	Spatio-temporal changes in ecosystem service values: Effects of land-use changes from past to future (1860â€“2100). Journal of Environmental Management, 2020, 272, 111068.	3.8	67
21	The role of land management and elevation in shaping soil microbial communities: Insights from the Central European Alps. Soil Biology and Biochemistry, 2020, 150, 107951.	4.2	37
22	Does socioeconomic diversification enhance multifunctionality of mountain landscapes?. Ecosystem Services, 2020, 44, 101122.	2.3	28
23	Ordering 'wilderness': Variations in public representations of wilderness and their spatial distributions. Landscape and Urban Planning, 2020, 202, 103875.	3.4	10
24	Towards an integrative assessment of land-use type values from the perspective of ecosystem services. Ecosystem Services, 2020, 42, 101082.	2.3	36
25	Functional spatial units are fundamental for modelling ecosystem services in mountain regions. Applied Geography, 2020, 118, 102200.	1.7	11
26	An integrated method for the mapping of landscape preferences at the regional scale. Ecological Indicators, 2019, 106, 105430.	2.6	28
27	A simple biodiversity assessment scheme supporting nature-friendly farm management. Ecological Indicators, 2019, 107, 105649.	2.6	13
28	Stakeholder perspectives on ecosystem service supply and ecosystem service demand bundles. Ecosystem Services, 2019, 37, 100938.	2.3	112
29	A transnational perspective of global and regional ecosystem service flows from and to mountain regions. Scientific Reports, 2019, 9, 6678.	1.6	76
30	What drives the future supply of regulating ecosystem services in a mountain forest landscape?. Forest Ecology and Management, 2019, 445, 37-47.	1.4	70
31	Analyzing Spatial Congruencies and Mismatches between Supply, Demand and Flow of Ecosystem Services and Sustainable Development. Sustainability, 2019, 11, 2227.	1.6	27
32	Geographical heterogeneity in mountain grasslands dynamics in the Austrian-Italian Tyrol region. Applied Geography, 2019, 106, 50-59.	1.7	28
33	Change from agricultural to touristic use: Effects on the aesthetic value of landscapes over the last 150â€‰years. Landscape and Urban Planning, 2019, 187, 23-35.	3.4	56
34	Using conjoint analysis to gain deeper insights into aesthetic landscape preferences. Ecological Indicators, 2019, 96, 202-212.	2.6	47
35	Integrating supply, flow and demand to enhance the understanding of interactions among multiple ecosystem services. Science of the Total Environment, 2019, 651, 928-941.	3.9	212
36	Farmersâ€™ perceptions, preferences, and propositions for result-oriented measures in mountain farming. Land Use Policy, 2018, 70, 117-127.	2.5	25

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37	Flowering Farmland Competitions in Europe: History, facts and potential interactions with agri-environmental measures. Land Use Policy, 2018, 70, 106-116.	2.5	1
38	Agricultural landscapes between intensification and abandonment: the expectations of the public in a Central-Alpine cross-border region. Landscape Research, 2018, 43, 428-442.	0.7	18
39	Indigenous livestock breeds as indicators for cultural ecosystem services: A spatial analysis within the Alpine Space. Ecological Indicators, 2018, 94, 55-63.	2.6	60
40	Determining the drivers for snow gliding. Natural Hazards and Earth System Sciences, 2018, 18, 1891-1903.	1.5	11
41	Decline of rare and specialist species across multiple taxonomic groups after grassland intensification and abandonment. Biodiversity and Conservation, 2018, 27, 3729-3744.	1.2	49
42	Community-specific hydraulic conductance potential of soil water decomposed for two Alpine grasslands by small-scale lysimetry. Biogeosciences, 2018, 15, 1065-1078.	1.3	7
43	Spatial evaluation of snow gliding in the Alps. Catena, 2018, 165, 567-575.	2.2	6
44	Water stress limits transpiration and growth of European larch up to the lower subalpine belt in an innerâ€alpine dry valley. New Phytologist, 2018, 220, 460-475.	3.5	52
45	Influence of ungulates on the vegetation composition and diversity of mixed deciduous and coniferous mountain forest in Austria. European Journal of Wildlife Research, 2017, 63, 1.	0.7	10
46	Using land use/land cover trajectories to uncover ecosystem service patterns across the Alps. Regional Environmental Change, 2017, 17, 2237-2250.	1.4	55
47	Simplified and still meaningful: assessing butterfly habitat quality in grasslands with data collected by pupils. Journal of Insect Conservation, 2017, 21, 677-688.	0.8	11
48	Participative Spatial Scenario Analysis for Alpine Ecosystems. Environmental Management, 2017, 60, 679-692.	1.2	22
49	Influence of Land-Use Intensification on Vegetation C-Stocks in an Alpine Valley from 1865 to 2003. Ecosystems, 2017, 20, 1391-1406.	1.6	18
50	Future impacts of changing land-use and climate on ecosystem services of mountain grassland and their resilience. Ecosystem Services, 2017, 26, 79-94.	2.3	193
51	Climate change versus land-use changeâ€"What affects the mountain landscapes more?. Land Use Policy, 2017, 60, 60-72.	2.5	92
52	Down to future: Transplanted mountain meadows react with increasing phytomass or shifting species composition. Flora: Morphology, Distribution, Functional Ecology of Plants, 2016, 224, 172-182.	0.6	13
53	Identifying and mapping the touristsâ¿¿ perception of cultural ecosystem services: A case study from an Alpine region. Land Use Policy, 2016, 56, 251-261.	2.5	113
54	Linking long-term landscape dynamics to the multiple interactions among ecosystem services in the European Alps. Landscape Ecology, 2016, 31, 1903-1918.	1.9	93

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55	Cultural ecosystem services of mountain regions: Modelling the aesthetic value. Ecological Indicators, 2016, 69, 78-90.	2.6	159
56	Exploring socio-cultural values of ecosystem service categories in the Central Alps: the influence of socio-demographic factors and landscape type. Regional Environmental Change, 2016, 16, 2033-2044.	1.4	72
57	Rain simulation in patchy landscapes: Insights from a case study in the Central Alps. Catena, 2015, 127, 1-8.	2.2	10
58	The dark side of biodiversity: Spatial application of the biological soil quality indicator (BSQ). Ecological Indicators, 2015, 53, 240-246.	2.6	46
59	Biodiversity in cultural landscapes: influence of land use intensity on bird assemblages. Landscape Ecology, 2015, 30, 1851-1863.	1.9	17
60	A mobile system for quantifying the spatial variability of the surface energy balance: design and application. International Journal of Biometeorology, 2015, 59, 617-627.	1.3	6
61	Different management of larch grasslands in the European Alps shows low impact on above- and belowground carbon stocks. Agriculture, Ecosystems and Environment, 2015, 213, 186-193.	2.5	14
62	Ecosystem services and economic development in Austrian agricultural landscapes â€" The impact of policy and climate change scenarios on trade-offs and synergies. Ecological Economics, 2015, 109, 161-174.	2.9	104
63	Vegetation effects on the water balance of mountain grasslands depend on climatic conditions. Ecohydrology, 2015, 8, 552-569.	1.1	25
64	What plant traits tell us: Consequences of land-use change of a traditional agro-forest system on biodiversity and ecosystem service provision. Agriculture, Ecosystems and Environment, 2014, 186, 44-53.	2.5	44
65	Predicting scenic beauty of mountain regions. Landscape and Urban Planning, 2013, 111, 1-12.	3.4	157
66	Comparing land-use alternatives: Using the ecosystem services concept to define a multi-criteria decision analysis. Ecological Economics, 2013, 93, 128-136.	2.9	124
67	Typology of Alpine region using spatial-pattern indicators. Ecological Indicators, 2013, 24, 37-47.	2.6	22
68	Multiple ecosystem services of a changing Alpine landscape: past, present and future. International Journal of Biodiversity Science, Ecosystem Services & Management, 2013, 9, 123-135.	2.9	80
69	Can We Model the Scenic Beauty of an Alpine Landscape?. Sustainability, 2013, 5, 1080-1094.	1.6	41
70	Future of Mountain Agriculture in the Alps. Springer Geography, 2013, , 105-126.	0.3	22
71	Distance to natureâ€"A new biodiversity relevant environmental indicator set at the landscape level. Ecological Indicators, 2012, 15, 208-216.	2.6	87
72	SPA-LUCC: Developing land-use/cover scenarios in mountain landscapes. Ecological Informatics, 2012, 12, 68-76.	2.3	40

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73	Plant communities of mountain grasslands in a broad cross-section of the Eastern Alps. Flora: Morphology, Distribution, Functional Ecology of Plants, 2011, 206, 433-443.	0.6	28
74	Definition of the potential treeline in the European Alps and its benefit for sustainability monitoring. Ecological Indicators, 2011, 11, 438-447.	2.6	23
75	Classification of the Sieversio montanae-Nardetum strictae in a cross-section of the Eastern Alps. Plant Ecology, 2011, 212, 105-126.	0.7	8
76	â€žKulawiâ€œ â€“ strategies for the cultural landscape of the future. Ekologia, 2011, 30, 187-198.	0.2	0
77	Effects of land-use and land-cover pattern on landscape-scale biodiversity in the European Alps. Agriculture, Ecosystems and Environment, 2010, 139, 13-22.	2.5	125
78	Seasonal dynamics of surface runoff in mountain grassland ecosystems differing in land use. Journal of Hydrology, 2010, 385, 95-104.	2.3	47
79	An integrative approach for analysing landscape dynamics in diverse cultivated and natural mountain areas. Landscape Ecology, 2009, 24, 611-628.	1.9	66
80	Plant diversity declines with recent land use changes in European Alps. Plant Ecology, 2009, 202, 195-210.	0.7	135
81	Effects of Historical and Likely Future Scenarios of Land Use on Above- and Belowground Vegetation Carbon Stocks of an Alpine Valley. Ecosystems, 2008, 11, 1383-1400.	1.6	68
82	Development and validation of a spatial snow-glide model. Ecological Modelling, 2008, 211, 363-374.	1.2	39
83	Understanding alpine tree line dynamics: An individual-based model. Ecological Modelling, 2008, 218, 235-246.	1.2	63
84	Biodiversity indicators for sustainability monitoring at municipality level: An example of implementation in an alpine region. Ecological Indicators, 2008, 8, 204-223.	2.6	75
85	Land-use changes and natural reforestation in the Eastern Central Alps. Agriculture, Ecosystems and Environment, 2007, 118, 115-129.	2.5	334
86	Modification of the effective mesh size for measuring landscape fragmentation to solve the boundary problem. Landscape Ecology, 2007, 22, 447-459.	1.9	116
87	Short-time effects of land-use changes on O-horizon in subalpine grasslands. Plant and Soil, 2007, 299, 101-115.	1.8	20
88	New model to predict rooting in diverse plant community compositions. Ecological Modelling, 2005, 185, 195-211.	1.2	42
89	Statistical aspects of multilayer perceptrons under data limitations. Computational Statistics and Data Analysis, 2004, 46, 173-188.	0.7	4
90	Effects of land use in alpine grasslands on the probability of landslides. Basic and Applied Ecology, 2003, 4, 271-280.	1.2	160

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91	Impact of land use changes on mountain vegetation. Applied Vegetation Science, 2002, 5, 173-184.	0.9	330
92	Impact of land use changes on mountain vegetation. , 2002, 5, 173.		21
93	Spatio-temporal landscape analysis in mountainous terrain by means of small format photography: a methodological approach. IEEE Transactions on Geoscience and Remote Sensing, 2001, 39, 885-893.	2.7	33
94	GIS-based modelling of spatial pattern of snow cover duration in an alpine area. Ecological Modelling, 2001, 138, 265-275.	1.2	51
95	Effects of land-use changes on snow gliding processes in alpine ecosystems. Basic and Applied Ecology, 2000, 1, 61-67.	1.2	61
96	Modelling vegetation patterns using natural and anthropogenic influence factors: preliminary experience with a GIS based model applied to an Alpine area. Ecological Modelling, 1998, 113, 225-237.	1.2	72
97	Are interest groups different in the factors determining landscape preferences?. Landscape Online, 0, 47, 1-18.	0.0	6