

Markus Stoffel

List of Publications by Year in descending order

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Version: 2025-02-01

389
papers

19,682
citations

7061

73
h-index

12882

123
g-index

431
all docs

431
docs citations

431
times ranked

14133
citing authors

#	ARTICLE	IF	CITATIONS
1	Historical flood reconstruction in a torrential alpine catchment and its implication for flood hazard assessments. <i>Journal of Hydrology</i> , 2024, 629, 130547.	5.9	1
2	Rockfall from an increasingly unstable mountain slope driven by climate warming. <i>Nature Geoscience</i> , 2024, 17, 249-254.	9.2	16
3	100 years of monitoring in the Swiss National Park reveals overall decreasing rock glacier velocities. <i>Communications Earth & Environment</i> , 2024, 5, .	7.1	1
4	Climate change impacts on snow avalanche activity and related risks. <i>Nature Reviews Earth & Environment</i> , 2024, 5, 369-389.	24.3	8
5	The IPCC's reductive Common Era temperature history. <i>Communications Earth & Environment</i> , 2024, 5, .	7.1	7
6	Multiproxy tree ring reconstruction of glacier mass balance: insights from <i>Pinus cembra</i> trees growing near Silvretta Glacier (Swiss Alps). <i>Climate of the Past</i> , 2024, 20, 1251-1267.	2.6	0
7	Corals Evidence an Underestimation of the 20th Century Warming in the Eastern Pacific Cold Tongue. <i>Geophysical Research Letters</i> , 2024, 51, .	4.2	1
8	A supply-limited torrent that does not feel the heat of climate change. <i>Nature Communications</i> , 2024, 15, .	14.1	0
9	Mediterranean cyclones are a substantial cause of damaging floods in Corsica. <i>Communications Earth & Environment</i> , 2024, 5, .	7.1	0
10	Limited impacts of global warming on rockfall activity at low elevations: Insights from two calcareous cliffs from the French Prealps. <i>Progress in Physical Geography</i> , 2023, 47, 50-73.	3.1	4
11	Lunar eclipses illuminate timing and climate impact of medieval volcanism. <i>Nature</i> , 2023, 616, 90-95.	40.1	10
12	Changes of hydro-meteorological trigger conditions for debris flows in a future alpine climate. <i>Science of the Total Environment</i> , 2023, 872, 162227.	8.4	11
13	Importance of sampling design to increase climate signal detection in shrub ring chronologies. <i>Erdkunde</i> , 2023, 76, 289-303.	0.8	0
14	Geospatial modelling of large-wood supply to rivers: a state-of-the-art model comparison in Swiss mountain river catchments. <i>Earth Surface Dynamics</i> , 2023, 11, 487-509.	2.3	4
15	Fennoscandian tree-ring anatomy shows a warmer modern than medieval climate. <i>Nature</i> , 2023, 620, 97-103.	40.1	22
16	Geomorphologic Process Chains in High Mountain Regions – A Review and Classification Approach for Natural Hazards Assessment. <i>Reviews of Geophysics</i> , 2023, 61, .	36.0	15
17	Synergistic analysis of satellite, unmanned aerial vehicle, terrestrial laser scanner data and process-based modelling for understanding the dynamics and morphological changes around the snout of Gangotri Glacier, India. <i>Geomorphology</i> , 2022, 396, 108005.	3.2	11
18	Improving regional flood risk assessment using flood frequency and dendrogeomorphic analyses in mountain catchments impacted by tropical cyclones. <i>Geomorphology</i> , 2022, 396, 108000.	3.2	56

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19	Reconstruction of gully erosion based on exposed tree roots in a recent landform of Paricutin Volcano, Mexico. <i>Earth Surface Processes and Landforms</i> , 2022, 47, 742-755.	2.8	7
20	Landslide-induced changes in tree-ring anatomy: A new dendrogeomorphic avenue?. <i>Catena</i> , 2022, 213, 106144.	5.5	10
21	Estimation of recent peat accumulation with tree saplings. <i>Progress in Physical Geography</i> , 2022, 46, 515-529.	3.1	2
22	The 1600â€™CE Huaynaputina eruption as a possible trigger for persistent cooling in the North Atlantic region. <i>Climate of the Past</i> , 2022, 18, 739-757.	2.6	10
23	Coupled insights from the palaeoenvironmental, historical and archaeological archives to support social-ecological resilience and the sustainable development goals. <i>Environmental Research Letters</i> , 2022, 17, 055011.	5.0	9
24	The glacier advance at the onset of the Little Ice Age in the Alps: New evidence from Mont MinÃ© and Morteratsch glaciers. <i>Holocene</i> , 2022, 32, 624-638.	1.9	14
25	XRCT images reveal climate control on wound recovery after intense flood in Mediterranean riparian trees. <i>Trees - Structure and Function</i> , 2022, 36, 1529-1538.	1.7	1
26	Climatic, weather, and socio-economic conditions corresponding to the mid-17th-century eruption cluster. <i>Climate of the Past</i> , 2022, 18, 1083-1108.	2.6	13
27	The 852/3â€™CE Mount Churchill eruption: examining the potential climatic and societal impacts and the timing of the Medieval Climate Anomaly in the North Atlantic region. <i>Climate of the Past</i> , 2022, 18, 1475-1508.	2.6	9
28	Current Siberian heating is unprecedented during the past seven millennia. <i>Nature Communications</i> , 2022, 13, .	14.1	38
29	Recession or resilience? Long-range socioeconomic consequences of the 17th century volcanic eruptions in northern Fennoscandia. <i>Climate of the Past</i> , 2022, 18, 2077-2092.	2.6	7
30	Blowing Hot and Cold: Glacier Microclimate can Help Understand Impacts of Climate Change on Forests Communities. <i>Geophysical Research Letters</i> , 2022, 49, .	4.2	1
31	Long-term reconstruction of flash floods in the Qilian Mountains, China, based on dendrogeomorphic methods. <i>Journal of Mountain Science</i> , 2022, 19, 3163-3177.	2.4	1
32	Exploring future changes in synchrony between grapevine (&i>Vitis vinifera&i>) and its major insect pest, &i>Lobesia botrana&i>. <i>Oeno One</i> , 2022, 57, 161-174.	1.6	4
33	Recession of Gya Glacier and the 2014 glacial lake outburst flood in the Trans-Himalayan region of Ladakh, India. <i>Science of the Total Environment</i> , 2021, 756, 144008.	8.4	65
34	Numerous unreported glacial lake outburst floods in the Third Pole revealed by high-resolution satellite data and geomorphological evidence. <i>Science Bulletin</i> , 2021, 66, 1270-1273.	8.7	48
35	Recurrent transitions to Little Ice Age-like climatic regimes over the Holocene. <i>Climate Dynamics</i> , 2021, 56, 3817-3833.	2.6	20
36	Inventory and changes of rock glacier creep speeds in Ile Alatau and KungÃ©y Ala-Too, northern Tien Shan, since the 1950s. <i>Cryosphere</i> , 2021, 15, 927-949.	3.2	48

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37	Three decades of landslide activity in western Nepal: new insights into trends and climate drivers. <i>Landslides</i> , 2021, , .	6.2	34
38	Evaluating tree-to-tree competition during stand development in a relict Scots pine forest: how much does climate matter?. <i>Trees - Structure and Function</i> , 2021, 35, 1207-1219.	1.7	25
39	Cryptotephra from the Icelandic <i>Veiðivátn</i> 1477â€™CE eruption in a Greenland ice core: confirming the dating of volcanic events in the 1450sâ€™CE and assessing the eruption's climatic impact. <i>Climate of the Past</i> , 2021, 17, 565-585.	2.6	17
40	Increasing risk of glacial lake outburst floods from future Third Pole deglaciation. <i>Nature Climate Change</i> , 2021, 11, 411-417.	10.0	196
41	Improved tree-ring sampling strategy enhances the detection of key meteorological drivers of rockfall activity. <i>Catena</i> , 2021, 201, 105179.	5.5	11
42	The influence of decision-making in tree ring-based climate reconstructions. <i>Nature Communications</i> , 2021, 12, .	14.1	78
43	The 2020 glacial lake outburst flood at Jinwuco, Tibet: causes, impacts, and implications for hazard and risk assessment. <i>Cryosphere</i> , 2021, 15, 3159-3180.	3.2	53
44	Shrub growth in the Alps diverges from air temperature since the 1990s. <i>Environmental Research Letters</i> , 2021, 16, 074026.	5.0	14
45	Heavy precipitation forecasts over Switzerland â€“ An evaluation of bias-corrected ECMWF predictions. <i>Weather and Climate Extremes</i> , 2021, 34, 100372.	4.6	7
46	Tree-Ring Reconstruction of Debris-Flow Events Leading to Overbank Sedimentation on the Illgraben Cone (Valais Alps, Switzerland). <i>The Open Geology Journal</i> , 2021, 2, 18-29.	0.9	6
47	Contrasted effects of climate change on low-altitude relict <i>Pinus uncinata</i> stands in the Northern French Alps. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2021, 6, .	2.0	0
48	Estimating rockfall release frequency from blocks deposited in protection barriers, growth disturbances in trees, and trajectory simulations. <i>Landslides</i> , 2021, 19, 7-18.	6.2	4
49	Upslope migration of snow avalanches in a warming climate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.7	36
50	Development of a combined empirical index for a 5-day forecast of heavy precipitation over the Bernese Alps. <i>Environment International</i> , 2020, 135, 105357.	10.3	4
51	Fire-scarred fossil tree from the Late Triassic shows a pre-fire drought signal. <i>Scientific Reports</i> , 2020, 10, .	3.7	5
52	Impacts of Erratic Snowfall on Apple Orchards in Kashmir Valley, India. <i>Sustainability</i> , 2020, 12, 9206.	3.4	18
53	Assessing the effects of earlier snow melt-out on alpine shrub growth: The sooner the better?. <i>Ecological Indicators</i> , 2020, 115, 106455.	6.9	45
54	Interpreting rockfall activity on an outcropâ€“talus slope system in the southern Japanese Alps using an integrated survey approach. <i>Geomorphology</i> , 2020, 371, 107456.	3.2	15

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55	Forest stocks control long-term climatic mortality risks in Scots pine dry-edge forests. <i>Ecosphere</i> , 2020, 11, .	2.6	5
56	Recent atmospheric drying in Siberia is not unprecedented over the last 1,500 years. <i>Scientific Reports</i> , 2020, 10, .	3.7	16
57	Antipyretic Medication for a Feverish Planet. <i>Earth Systems and Environment</i> , 2020, 4, 757-762.	4.8	8
58	Peaks of Fine Particulate Matter May Modulate the Spreading and Virulence of COVID-19. <i>Earth Systems and Environment</i> , 2020, 4, 789-796.	4.8	41
59	Neotropical <i>Hypericum irazuense</i> shrubs reveal recent ENSO variability in Costa Rican páramo. <i>Dendrochronologia</i> , 2020, 61, 125704.	2.0	23
60	Numerical Modeling of Instream Wood Transport, Deposition, and Accumulation in Braided Morphologies Under Unsteady Conditions: Sensitivity and High-Resolution Quantitative Model Validation. <i>Water Resources Research</i> , 2020, 56, .	4.6	30
61	Dendrogeomorphic reconstruction of floods in a dynamic tropical river. <i>Geomorphology</i> , 2020, 359, 107133.	3.2	48
62	Recent flood hazards in Kashmir put into context with millennium-long historical and tree-ring records. <i>Science of the Total Environment</i> , 2020, 722, 137875.	8.4	32
63	An application-oriented protocol for flood frequency analysis based on botanical evidence. <i>Journal of Hydrology</i> , 2020, 590, 125242.	5.9	11
64	Tree-ring based, regional-scale reconstruction of flash floods in Mediterranean mountain torrents. <i>Catena</i> , 2020, 189, 104481.	5.5	18
65	Some (do not) like it hot: shrub growth is hampered by heat and drought at the alpine treeline in recent decades. <i>American Journal of Botany</i> , 2020, 107, 607-617.	2.2	23
66	Putting the poorly documented 1998 GLOF disaster in Shakhimardan River valley (Alay Range, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30).	8.4	18
67	Dating of rockfall damage in trees yields insights into meteorological triggers of process activity in the French Alps. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 2235-2250.	2.8	12
68	Climatic and societal impacts of a "forgotten" cluster of volcanic eruptions in 1108-1110 CE. <i>Scientific Reports</i> , 2020, 10, .	3.7	26
69	Impacts of land-cover changes on snow avalanche activity in the French Alps. <i>Anthropocene</i> , 2020, 30, 100244.	3.4	25
70	Modelling the 2012 Lahar in a Sector of Jamapa Gorge (Pico de Orizaba Volcano, Mexico) Using RAMMS and Tree-Ring Evidence. <i>Water (Switzerland)</i> , 2020, 12, 333.	2.8	17
71	Automated precipitation monitoring with the Thies disdrometer: biases and ways for improvement. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 4683-4698.	2.8	21
72	Climate impacts on tree growth in a Neotropical high mountain forest of the Peruvian Andes. <i>IForest</i> , 2020, 13, 194-201.	1.5	1

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73	When scientists become detectives: investigating systematic tree poisoning in a protected cove. <i>Heliyon</i> , 2020, 6, e03386.	3.6	1
74	Eco-Physiological Response of Conifers from High-Latitude and -Altitude Eurasian Regions to Stratospheric Volcanic Eruptions. <i>Journal of Siberian Federal University - Biology</i> , 2020, , 5-24.	0.1	2
75	On the extraordinary winter flood episode over the North Atlantic Basin in 1936. <i>Annals of the New York Academy of Sciences</i> , 2019, 1436, 206-216.	4.5	16
76	Comparative dendroecological characterisation of <i>Ailanthus altissima</i> (Mill.) Swingle in its native and introduced range. <i>Dendrochronologia</i> , 2019, 57, 125608.	2.0	2
77	Tree-ring correlations suggest links between moderate earthquakes and distant rockfalls in the Patagonian Cordillera. <i>Scientific Reports</i> , 2019, 9, .	3.7	19
78	Improving Medium-Range Forecasts of Rain- \leftrightarrow Snow Events in Prealpine Areas. <i>Water Resources Research</i> , 2019, 55, 7638-7661.	4.6	9
79	Dry Spells and Extreme Precipitation are The Main Trigger of Landslides in Central Europe. <i>Scientific Reports</i> , 2019, 9, .	3.7	53
80	Economic valuation of ecosystem-based rockfall risk reduction considering disturbances and comparison to structural measures. <i>Science of the Total Environment</i> , 2019, 697, 134077.	8.4	25
81	Glacial geomorphology of the Chirrip \acute{o} National Park, Costa Rica. <i>Journal of Maps</i> , 2019, 15, 538-545.	1.9	28
82	Reconstruction of debris-flow activity in a temperate mountain forest catchment of central Mexico. <i>Journal of Mountain Science</i> , 2019, 16, 2096-2109.	2.4	17
83	Disproportionately strong climate forcing from extratropical explosive volcanic eruptions. <i>Nature Geoscience</i> , 2019, 12, 100-107.	9.2	77
84	Laboratory and Field Protocol for Estimating Sheet Erosion Rates from Dendrogeomorphology. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	1
85	A multi-proxy reconstruction of moisture dynamics in a peatland ecosystem: A case study from \check{A} epkeliai, Lithuania. <i>Ecological Indicators</i> , 2019, 106, 105484.	6.9	6
86	Assessing strategies to mitigate debris-flow risk in Abancay province, south-central Peruvian Andes. <i>Geomorphology</i> , 2019, 342, 127-139.	3.2	18
87	Siberian tree-ring and stable isotope proxies as indicators of temperature and moisture changes after major stratospheric volcanic eruptions. <i>Climate of the Past</i> , 2019, 15, 685-700.	2.6	29
88	Tree-ring reconstruction of snow avalanche activity: Does avalanche path selection matter?. <i>Science of the Total Environment</i> , 2019, 684, 496-508.	8.4	12
89	Relationships between earthquakes, hurricanes, and landslides in Costa Rica. <i>Landslides</i> , 2019, 16, 1539-1550.	6.2	58
90	Anticipating cascading effects of extreme precipitation with pathway schemes - Three case studies from Europe. <i>Environment International</i> , 2019, 127, 291-304.	10.3	27

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91	Assessment of the recurrence intervals of rockfall through dendrogeomorphology and counting scar approach: A comparative study in a mixed forest stand from the Vercors massif (French Alps). <i>Geomorphology</i> , 2019, 340, 160-171.	3.2	18
92	Tree-rings based analysis of the 2001 pyroclastic flow and post-eruptive tree colonization on Popocatepetl volcano, Mexico. <i>Catena</i> , 2019, 179, 149-159.	5.5	8
93	Traumatic Resin Ducts in Alaska Mountain Hemlock Trees Provide a New Proxy for Winter Storminess. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 1923-1938.	3.0	13
94	Geomorphic control on regional glacier lake outburst flood and debris flow activity over northern Tien Shan. <i>Global and Planetary Change</i> , 2019, 176, 50-59.	3.8	25
95	Assessing the effect of invasive tree species on rockfall risk – The case of <i>Ailanthus altissima</i> . <i>Ecological Engineering</i> , 2019, 131, 63-72.	4.1	18
96	Centennial-scale process activity in a complex landslide body in the Qilian Mountains, northeast Tibetan Plateau, China. <i>Catena</i> , 2019, 179, 29-38.	5.5	44
97	Characterization of wood-áaden flows in rivers. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 1694-1709.	2.8	84
98	Climate-growth relationships in a <i>Larix decidua</i> Mill. network in the French Alps. <i>Science of the Total Environment</i> , 2019, 664, 554-566.	8.4	23
99	Fire damage to cambium affects localized xylem anatomy and hydraulics: the case of <i>Nothofagus pumilio</i> in Patagonia. <i>American Journal of Botany</i> , 2019, 106, 1536-1544.	2.2	16
100	Climate change research in bilateral development programmes: experiences from India and Peru. <i>Development in Practice</i> , 2019, 29, 336-348.	1.3	1
101	Combining multiple proxies to investigate water table fluctuations in wetlands: A case study from the Rákyva wetland complex, Lithuania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 514, 453-463.	2.5	4
102	Interpreting historical, botanical, and geological evidence to aid preparations for future floods. <i>Wiley Interdisciplinary Reviews: Water</i> , 2019, 6, .	6.6	83
103	Holocene vegetation and hydroclimatic dynamics in SE Lithuania – Implications from a multi-proxy study of the Áepkeliai bog. <i>Quaternary International</i> , 2019, 501, 219-239.	1.6	21
104	Positive associations among rare species and their persistence in ecological assemblages. <i>Nature Ecology and Evolution</i> , 2019, 4, 40-45.	7.6	64
105	L'inventaire forestier comme méthode de caractérisation spatiale de l'áa chute de pierres. <i>Schweizerische Zeitschrift Fur Forstwesen</i> , 2019, 170, 78-85.	0.1	2
106	Late-Holocene vegetation dynamics in response to a changing climate and anthropogenic influences – Insights from stratigraphic records and subfossil trees from southeast Lithuania. <i>Quaternary Science Reviews</i> , 2018, 185, 91-101.	3.2	10
107	Scots pine (<i>Pinus sylvestris</i> L.) based reconstruction of 130-áyears of water table fluctuations in a peatland and its relevance for moisture variability assessments. <i>Journal of Hydrology</i> , 2018, 558, 509-519.	5.9	8
108	Ecosystem-based disaster risk reduction in mountains. <i>Earth-Science Reviews</i> , 2018, 177, 497-513.	8.7	95

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109	Does the public's negative perception towards wood in rivers relate to recent impact of flooding experiencing?. <i>Science of the Total Environment</i> , 2018, 635, 294-307.	8.4	16
110	Interpretation of recent alpine landscape system evolution using geomorphic mapping and L-band InSAR analyses. <i>Geomorphology</i> , 2018, 310, 125-137.	3.2	12
111	The Eldgjá eruption: timing, long-range impacts and influence on the Christianisation of Iceland. <i>Climatic Change</i> , 2018, 147, 369-381.	3.9	51
112	Climate warming enhances snow avalanche risk in the Western Himalayas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3410-3415.	7.7	147
113	Integrating the mitigating effect of forests into quantitative rockfall risk analysis – Two case studies in Switzerland. <i>International Journal of Disaster Risk Reduction</i> , 2018, 32, 55-74.	4.3	54
114	Citizen science for hydrological risk reduction and resilience building. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018, 5, .	6.6	116
115	Avulsions and the spatio-temporal evolution of debris-flow fans. <i>Earth-Science Reviews</i> , 2018, 177, 53-75.	8.7	83
116	Linking atmospheric circulation patterns with hydrogeomorphic disasters in Peru. <i>International Journal of Climatology</i> , 2018, 38, 3388-3404.	3.0	17
117	Potencial dendrogeomorfológico de coníferas en volcanes del centro de México. <i>Bosque</i> , 2018, 39, 191-204.	0.2	3
118	Impacts of a large flood along a mountain river basin: the importance of channel widening and estimating the large wood budget in the upper Emme River (Switzerland). <i>Earth Surface Dynamics</i> , 2018, 6, 1115-1137.	2.3	36
119	Defining and characterizing wood-laden flows in rivers using home videos. <i>E3S Web of Conferences</i> , 2018, 40, 02014.	0.6	4
120	Avalanche activity and socio-environmental changes leave strong footprints in forested landscapes: a case study in the Vosges medium-high mountain range. <i>Annals of Glaciology</i> , 2018, 59, 111-133.	1.5	13
121	Recent advances in paleoflood hydrology: From new archives to data compilation and analysis. <i>Water Security</i> , 2018, 3, 1-8.	3.7	53
122	Translating the concept of climate risk into an assessment framework to inform adaptation planning: Insights from a pilot study of flood risk in Himachal Pradesh, Northern India. <i>Environmental Science and Policy</i> , 2018, 87, 1-10.	5.5	41
123	Geomorphic and stream flow influences on large wood dynamics and displacement lengths in high gradient mountain streams (<sc>C</sc>hile). <i>Hydrological Processes</i> , 2018, 32, 2636-2653.	2.6	16
124	The European mountain cryosphere: a review of its current state, trends, and future challenges. <i>Cryosphere</i> , 2018, 12, 759-794.	3.2	413
125	Future winters glimpsed in the Alps. <i>Nature Geoscience</i> , 2018, 11, 458-460.	9.2	34
126	Quantification of cliff retreat in coastal Quaternary sediments using anatomical changes in exposed tree roots. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 2983-2997.	2.8	5

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127	Increase in CO_2 concentration could alter the response of <i>Hedera helix</i> to climate change. <i>Ecology and Evolution</i> , 2018, 8, 8598-8606.	2.0	10
128	Regional, tree-ring based chronology of landslides in the Outer Western Carpathians. <i>Geomorphology</i> , 2018, 321, 33-44.	3.2	29
129	Estimating the snowfall limit in alpine and pre-alpine valleys: A local evaluation of operational approaches. <i>Atmospheric Research</i> , 2018, 204, 136-148.	4.1	10
130	Characteristics and abundance of large and small instream wood in a Carpathian mixed-forest headwater basin. <i>Forest Ecology and Management</i> , 2018, 424, 468-482.	3.5	18
131	Spatio-temporal maps of past avalanche events derived from tree-ring analysis: A case study in the Zermatt valley (Valais, Switzerland). <i>Cold Regions Science and Technology</i> , 2018, 154, 9-22.	3.6	23
132	In-channel wood-related hazards at bridges: A review. <i>River Research and Applications</i> , 2018, 34, 617-628.	1.8	53
133	Large-scale, millennial-length temperature reconstructions from tree-rings. <i>Dendrochronologia</i> , 2018, 50, 81-90.	2.0	85
134	Disentangling the relative role of climate change on tree growth in an extreme Mediterranean environment. <i>Science of the Total Environment</i> , 2018, 642, 619-628.	8.4	24
135	Tree-ring proxies of larch bud moth defoliation: latewood width and blue intensity are more precise than tree-ring width. <i>Tree Physiology</i> , 2018, 38, 1237-1245.	3.4	26
136	Scots pine radial growth response to climate and future projections at peat and mineral soils in the boreo-nemoral zone. <i>Theoretical and Applied Climatology</i> , 2018, 136, 639-650.	2.4	3
137	The anomalous 2017 coastal El Niño event in Peru. <i>Climate Dynamics</i> , 2018, 52, 5605-5622.	2.6	57
138	Climate response to the Samalas volcanic eruption in 1257 revealed by proxy records. <i>Nature Geoscience</i> , 2017, 10, 123-128.	9.2	128
139	Regional flood-frequency reconstruction for Kullu district, Western Indian Himalayas. <i>Journal of Hydrology</i> , 2017, 546, 140-149.	5.9	44
140	Warm summers and moderate winter precipitation boost <i>Rhododendron ferrugineum</i> L. growth in the Taillefer massif (French Alps). <i>Science of the Total Environment</i> , 2017, 586, 1020-1031.	8.4	31
141	Tree-ring based reconstruction of rockfalls at Cofre de Perote volcano, Mexico. <i>Geomorphology</i> , 2017, 290, 142-152.	3.2	13
142	Imprisoned in the Cretan mountains: How relict <i>Zelkova abelicea</i> (Ulmaceae) trees cope with Mediterranean climate. <i>Science of the Total Environment</i> , 2017, 599-600, 797-805.	8.4	11
143	Comparing observed and hypothetical climates as a means of communicating to the public and policymakers: The case of European heatwaves. <i>Environmental Science and Policy</i> , 2017, 67, 27-34.	5.5	14
144	Quantifying Soil Erosion from Hiking Trail in a Protected Natural Area in the Spanish Pyrenees. <i>Land Degradation and Development</i> , 2017, 28, 2255-2267.	3.9	28

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145	Temporal dynamics of instream wood in headwater streams draining mixed Carpathian forests. <i>Geomorphology</i> , 2017, 292, 35-46.	3.2	17
146	Glacial lake inventory and lake outburst potential in Uzbekistan. <i>Science of the Total Environment</i> , 2017, 592, 228-242.	8.4	46
147	Modeling rockfall frequency and bounce height from three-dimensional simulation process models and growth disturbances in submontane broadleaved trees. <i>Geomorphology</i> , 2017, 281, 66-77.	3.2	37
148	Large wood clogging during floods in a gravel-bed river: the Długopole bridge in the Czarny Dunajec River, Poland. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 516-530.	2.8	33
149	Age-dependent sensitivity of trees disturbed by debris flows – Implications for dendrogeomorphic reconstructions. <i>Quaternary Geochronology</i> , 2017, 42, 63-75.	2.3	20
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