

Tomáš Galia

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

488
citations

687363

13
h-index

839539

18
g-index

56
all docs

56
docs citations

56
times ranked

306
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing patterns of spatial distribution of large wood in semi-natural, single-thread channels of Central Europe. <i>Catena</i> , 2022, 215, 106315.	5.0	5
2	Photo simulation of a river restoration: Relationships between public perception and ecosystem services. <i>River Research and Applications</i> , 2021, 37, 44-53.	1.7	8
3	Impact of check dam series on coarse sediment connectivity. <i>Geomorphology</i> , 2021, 377, 107595.	2.6	19
4	Influence of tributaries on downstream bed sediment grain sizes under flysch conditions. <i>Journal of Mountain Science</i> , 2021, 18, 847-862.	2.0	1
5	Legacy of Human Impact on Geomorphic Processes in Mountain Headwater Streams in the Perspective of European Cultural Landscapes. <i>Geosciences (Switzerland)</i> , 2021, 11, 253.	2.2	2
6	Effects of multiple disturbances on large wood recruitment and distribution in mid-mountain headwater streams. <i>Catena</i> , 2021, 202, 105279.	5.0	2
7	Ecosystem Services of Large Wood: Mapping the Research Gap. <i>Water (Switzerland)</i> , 2021, 13, 2594.	2.7	7
8	What does dendrogeomorphology tell us about past river discharges: A comparative study of confined and unconfined fluvial systems. <i>Journal of Hydrology</i> , 2021, 603, 127194.	5.4	3
9	Degradation of multi-thread gravel-bed rivers in medium-high mountain settings: Quantitative analysis and possible solutions. <i>Ecological Engineering</i> , 2020, 148, 105795.	3.6	7
10	Use of high-water marks and effective discharge calculation to optimize the height of bank revetments in an incised river channel. <i>Geomorphology</i> , 2020, 356, 107098.	2.6	12
11	Wood availability and habitat heterogeneity drive spatiotemporal habitat use by riverine cyprinids under flow intermittence. <i>River Research and Applications</i> , 2020, 36, 819-827.	1.7	9
12	Drivers of variability in large wood loads along the fluvial continuum of a Mediterranean intermittent river. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 2048-2062.	2.5	13
13	Hydrogeomorphic Impacts of Floods in a First-Order Catchment: Integrated Approach Based on Dendrogeomorphic Palaeostage Indicators, 2D Hydraulic Modelling and Sedimentological Parameters. <i>Water (Switzerland)</i> , 2020, 12, 212.	2.7	4
14	Downstream fining trends of gravel bar sediments: a case study of Czech Carpathian rivers. <i>Acta Universitatis Carolinae, Geographica</i> , 2020, 55, 229-242.	0.2	1
15	Drivers of Low Instream Large Wood Retention and Imprints of Wood Mobility in Mountain Nonperennial Streams of a Mediterranean Semiarid Environment. <i>Water Resources Research</i> , 2019, 55, 7843-7859.	4.2	8
16	Check dams decrease the channel complexity of intermediate reaches in the Western Carpathians (Czech Republic). <i>Science of the Total Environment</i> , 2019, 662, 881-894.	8.0	10
17	Variations in bar material grain-size and hydraulic conditions of managed and re-naturalized reaches of the gravel-bed Beáva River (Czech Republic). <i>Science of the Total Environment</i> , 2019, 649, 672-685.	8.0	11
18	VLIV LITOLOGIE A MORFOLOGIE VYSOKOGRADIENTOVĀCH KORYT NA DNOVĀ% SEDIMENTY: PĀ%KLADOVĀ•STUDIE VODNĀHO TOKU KOBYLSKĀ•(VSETĀNSKĀ% VRCHY, ĀEESKĀ•REPUBLIKA). <i>Geological Research in Moravia and Silesia</i> , 2019, 25, .	0.1	1

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19	Hydrogeomorphic activity in ungauged Mediterranean gorges: Specifics of tree ring data-based study. <i>Catena</i> , 2018, 167, 90-99.	5.0	18
20	Characteristics of large wood in a headwater channel after an extraordinary event: The roles of transport agents and check dams. <i>Catena</i> , 2018, 165, 537-550.	5.0	19
21	Longitudinal distribution and parameters of large wood in a Mediterranean ephemeral stream. <i>Geomorphology</i> , 2018, 310, 15-28.	2.6	13
22	Impacts of gravel-bed rivers transformation on fluvial ecosystems and human society: Examples from the Czech flysch Carpathians. <i>E3S Web of Conferences</i> , 2018, 40, 02005.	0.5	4
23	Large wood recruitment and mobility in steep mountain streams of contrast European landscapes. <i>E3S Web of Conferences</i> , 2018, 40, 02001.	0.5	0
24	Controls on log step occurrence in steep headwater streams draining Carpathian managed forests. <i>Ecological Engineering</i> , 2018, 120, 384-396.	3.6	3
25	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.	3.2	15
26	Development of a large wood jam in medium-high mountains: An example of the Mazájk Stream, Moravskoslezská Beskydy Mts., Czechia. <i>Geografie-Sbornik CGS</i> , 2018, 123, 159-177.	0.6	2
27	The geomorphic impacts of culverts at paved forest roads: Examples from Carpathian headwater channels, Czech Republic. <i>Catena</i> , 2017, 157, 424-435.	5.0	16
28	Temporal dynamics of instream wood in headwater streams draining mixed Carpathian forests. <i>Geomorphology</i> , 2017, 292, 35-46.	2.6	16
29	Detailed fluvial-geomorphologic mapping of wadeable streams: a proposal of universal map symbology. <i>Journal of Maps</i> , 2017, 13, 698-706.	2.0	9
30	Response of Bed Sediments on the Grade Control Structure Management of a Small Piedmont Stream. <i>River Research and Applications</i> , 2017, 33, 483-494.	1.7	17
31	VARIABILITY OF WOLMAN PEBBLE SAMPLES IN GRAVEL/COBBLE BED STREAMS. <i>Acta Scientiarum Polonorum Formatio Circumiectus</i> , 2017, 1, 237-246.	0.6	3
32	Morphological response of channels to long-term human interventions in mountain basins on the example of the Moravskoslezská Beskydy Mts (Czechia). <i>Geografie-Sbornik CGS</i> , 2017, 122, 213-235.	0.6	2
33	Detailed spatio-temporal sediment supply reconstruction using tree roots data. <i>Hydrological Processes</i> , 2016, 30, 4139-4153.	2.6	13
34	Geomorphic impact of historical slate mining activity on gravel-bed streams. <i>Zeitschrift für Geomorphologie</i> , 2016, 60, 247-258.	0.8	4
35	Biogeomorphological effects of leaf accumulations in stepped-bed channels: Exploratory study, Moravskoslezská Beskydy Mountains, Czech Republic. <i>Moravian Geographical Reports</i> , 2016, 24, 13-23.	1.2	3
36	Channel bed adjustment to over bankfull discharge magnitudes of the flysch gravel-bed stream – case study from the channelized reach of the Oláje River (Czech Republic). <i>Zeitschrift für Geomorphologie</i> , 2016, 60, 327-341.	0.8	11

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37	Effect of grade-control structures at various stages of their destruction on bed sediments and local channel parameters. <i>Geomorphology</i> , 2016, 253, 305-317.	2.6	38
38	Do the coarsest bed fractions and stream power record contemporary trends in steep headwater channels?. <i>Geomorphology</i> , 2016, 272, 115-126.	2.6	20
39	The effects of river patterns on riparian vegetation: A comparison of anabranching and single-thread incised channels. <i>Moravian Geographical Reports</i> , 2016, 24, 24-31.	1.2	13
40	Anthropogenic impact and morphology channel response of Beskydian gravel-bed rivers: a case study of the Ostravice River, Czechia. <i>Geografie-Sbornik CGS</i> , 2016, 121, 99-120.	0.6	14
41	Connectivity of the coarsest fraction in headwater channels: imprints of fluvial processes and debris-flow activity. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2015, 97, 437-452.	1.5	12
42	Sediment Transport in Headwater Streams of the Carpathian Flysch Belt: Its Nature and Recent Effects of Human Interventions. , 2015, , 13-26.		10
43	Sediment (un)balance budget in a high-gradient stream on flysch bedrock: A case study using dendrogeomorphic methods and bedload transport simulation. <i>Catena</i> , 2015, 124, 18-27.	5.0	12
44	PROJEVY ZDROJOVĀCH OBLASTĀ•SEDIMENTĀ V ZRNITOSTNĀM SLOĀ½ENĀ•KORYTOVĀCH AKUMULACĀ•VODNĀCH TOKĀ V RELIĀFU BUDOVANĀM FLYĀOVĀMI HORNINAMI. <i>Geological Research in Moravia and Silesia</i> , 2015, 211		1
45	Channel-reach morphology controls of headwater streams based in flysch geologic structures: An example from the Outer Western Carpathians, Czech Republic. <i>Geomorphology</i> , 2014, 216, 1-12.	2.6	19
46	Morphological patterns of headwater streams based in flysch bedrock: Examples from the Outer Western Carpathians. <i>Catena</i> , 2014, 119, 174-183.	5.0	18
47	Estimation of bedload transport in headwater streams using a numerical model (MoravskoslezskĀ) Tj ETQq1 1 0.784314 rgBT /Overloc	0.2	5
48	Coarse Bed Sediments in a Headwater Channel as Indicators of Fluvial Processes and Slope-Channel Coupling: A Case Study from the Carpathian Mountains (Czech Republic). <i>Moravian Geographical Reports</i> , 2013, 21, 2-11.	1.2	7
49	Bedload Sediment Transport in Connection with the Geomorphological Transition of Gravel-Bed Streams in the MoravskoslezskĀ Beskydy Mountains. <i>Geografie-Sbornik CGS</i> , 2012, 117, 95-109.	0.6	11
50	Bedload Transport and Morphological Effects of High-Magnitude Floods in Small Headwater Streams - MoravskoslezskĀ Beskydy Mts. (Czech Republic). <i>Journal of Hydrology and Hydromechanics</i> , 2011, 59, .	2.0	16
51	Analysis of the longitudinal profile of the MorĀvka and Mohelnice Rivers in context of morphological and lithological conditions. <i>Geoscience Research Reports</i> , 0, , .	0.0	0