TomÃ¡Å¡ Galia

List of Publications by Year
in descending order

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51	488	687363 13	839539 18
papers	citations	h-index	g-index

56	56	56	306
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of grade-control structures at various stages of their destruction on bed sediments and local channel parameters. Geomorphology, 2016, 253, 305-317.	2.6	38
2	Do the coarsest bed fractions and stream power record contemporary trends in steep headwater channels?. Geomorphology, 2016, 272, 115-126.	2.6	20
3	Channel-reach morphology controls of headwater streams based in flysch geologic structures: An example from the Outer Western Carpathians, Czech Republic. Geomorphology, 2014, 216, 1-12.	2.6	19
4	Characteristics of large wood in a headwater channel after an extraordinary event: The roles of transport agents and check dams. Catena, 2018, 165, 537-550.	5.0	19
5	Impact of check dam series on coarse sediment connectivity. Geomorphology, 2021, 377, 107595.	2.6	19
6	Morphological patterns of headwater streams based in flysch bedrock: Examples from the Outer Western Carpathians. Catena, 2014, 119, 174-183.	5.0	18
7	Hydrogeomorphic activity in ungauged Mediterranean gorges: Specifics of tree ring data-based study. Catena, 2018, 167, 90-99.	5.0	18
8	Response of Bed Sediments on the Gradeâ€€Control Structure Management of a Small Piedmont Stream. River Research and Applications, 2017, 33, 483-494.	1.7	17
9	The geomorphic impacts of culverts at paved forest roads: Examples from Carpathian headwater channels, Czech Republic. Catena, 2017, 157, 424-435.	5.0	16
10	Temporal dynamics of instream wood in headwater streams draining mixed Carpathian forests. Geomorphology, 2017, 292, 35-46.	2.6	16
11	Bedload Transport and Morphological Effects of High-Magnitude Floods in Small Headwater Streams - MoravskoslezskÃ© Beskydy Mts. (Czech Republic). Journal of Hydrology and Hydromechanics, 2011, 59, .	2.0	16
12	Characteristics and abundance of large and small instream wood in a Carpathian mixed-forest headwater basin. Forest Ecology and Management, 2018, 424, 468-482.	3.2	15
13	Anthropogenic impact and morphology channel response of Beskydian gravel-bed rivers: a case study of the Ostravice River, Czechia. Geografie-Sbornik CGS, 2016, 121, 99-120.	0.6	14
14	Detailed spatioâ€€temporal sediment supply reconstruction using tree roots data. Hydrological Processes, 2016, 30, 4139-4153.	2.6	13
15	Longitudinal distribution and parameters of large wood in a Mediterranean ephemeral stream. Geomorphology, 2018, 310, 15-28.	2.6	13
16	Drivers of variability in large wood loads along the fluvial continuum of a Mediterranean intermittent river. Earth Surface Processes and Landforms, 2020, 45, 2048-2062.	2.5	13
17	The effects of river patterns on riparian vegetation: A comparison of anabranching and single-thread incised channels. Moravian Geographical Reports, 2016, 24, 24-31.	1.2	13
18	Connectivity of the coarsest fraction in headwater channels: imprints of fluvial processes and debrisâ€€flow activity. Geografiska Annaler, Series A: Physical Geography, 2015, 97, 437-452.	1.5	12

#	Article	IF	Citations
19	Sediment (un)balance budget in a high-gradient stream on flysch bedrock: A case study using dendrogeomorphic methods and bedload transport simulation. Catena, 2015, 124, 18-27.	5.0	12
20	Use of high-water marks and effective discharge calculation to optimize the height of bank revetments in an incised river channel. Geomorphology, 2020, 356, 107098.	2.6	12
21	Channel bed adjustment to over bankfull discharge magnitudes of the flysch gravel-bed stream â€“ case study from the channelized reach of the OlÅ¡e River (Czech Republic). Zeitschrift FÃ¼r Geomorphologie, 2016, 60, 327-341.	0.8	11
22	Variations in bar material grain-size and hydraulic conditions of managed and re-naturalized reaches of the gravel-bed BeÄva River (Czech Republic). Science of the Total Environment, 2019, 649, 672-685.	8.0	11
23	Bedload Sediment Transport in Connection with the Geomorphological Transition of Gravel-Bed Streams in the MoravskoslezskÃ© Beskydy Mountains. Geografie-Sbornik CGS, 2012, 117, 95-109.	0.6	11
24	Sediment Transport in Headwater Streams of the Carpathian Flysch Belt: Its Nature and Recent Effects of Human Interventions. , 2015, , 13-26.		10
25	Check dams decrease the channel complexity of intermediate reaches in the Western Carpathians (Czech Republic). Science of the Total Environment, 2019, 662, 881-894.	8.0	10
26	Detailed fluvial-geomorphologic mapping of wadeable streams: a proposal of universal map symbology. Journal of Maps, 2017, 13, 698-706.	2.0	9
27	Wood availability and habitat heterogeneity drive spatiotemporal habitat use by riverine cyprinids under flow intermittence. River Research and Applications, 2020, 36, 819-827.	1.7	9
28	Drivers of Low Instream Large Wood Retention and Imprints of Wood Mobility in Mountain Nonperennial Streams of a Mediterranean Semiarid Environment. Water Resources Research, 2019, 55, 7843-7859.	4.2	8
29	Photo simulation of a river restoration: Relationships between public perception and ecosystem services. River Research and Applications, 2021, 37, 44-53.	1.7	8
30	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). Moravian Geographical Reports, 2013, 21, 2-11.	1.2	7
31	Degradation of multi-thread gravel-bed rivers in medium-high mountain settings: Quantitave analysis and possible solutions. Ecological Engineering, 2020, 148, 105795.	3.6	7
32	Ecosystem Services of Large Wood: Mapping the Research Gap. Water (Switzerland), 2021, 13, 2594.	2.7	7
33	Estimation of bedload transport in headwater streams using a numerical model (MoravskoslezkÃ©) Tj ETQq1 1 0.784314 rgBT /Overl	0.2	5
34	Assessing patterns of spatial distribution of large wood in semi-natural, single-thread channels of Central Europe. Catena, 2022, 215, 106315.	5.0	5
35	Geomorphic impact of historical slate mining activity on gravel-bed streams. Zeitschrift FÃ¼r Geomorphologie, 2016, 60, 247-258.	0.8	4
36	Impacts of gravel-bed rivers transformation on fluvial ecosystems and human society: Examples from the Czech flysch Carpathians. E3S Web of Conferences, 2018, 40, 02005.	0.5	4

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37	Hydrogeomorphic Impacts of Floods in a First-Order Catchment: Integrated Approach Based on Dendrogeomorphic Palaeostage Indicators, 2D Hydraulic Modelling and Sedimentological Parameters. Water (Switzerland), 2020, 12, 212.	2.7	4
38	Biogeomorphological effects of leaf accumulations in stepped-bed channels: Exploratory study, MoravskoslezskÃ© Beskydy Mountains, Czech Republic. Moravian Geographical Reports, 2016, 24, 13-23.	1.2	3
39	Controls on log step occurrence in steep headwater streams draining Carpathian managed forests. Ecological Engineering, 2018, 120, 384-396.	3.6	3
40	VARIABILITY OF WOLMAN PEBBLE SAMPLES IN GRAVEL/COBBLE BED STREAMS. Acta Scientiarum Polonorum Formatio Circumiectus, 2017, 1, 237-246.	0.6	3
41	What does dendrogeomorphology tell us about past river discharges: A comparative study of confined and unconfined fluvial systems. Journal of Hydrology, 2021, 603, 127194.	5.4	3
42	Legacy of Human Impact on Geomorphic Processes in Mountain Headwater Streams in the Perspective of European Cultural Landscapes. Geosciences (Switzerland), 2021, 11, 253.	2.2	2
43	Effects of multiple disturbances on large wood recruitment and distribution in mid-mountain headwater streams. Catena, 2021, 202, 105279.	5.0	2
44	Morphological response of channels to long-term human interventions in mountain basins on the example of the MoravskoslezskÃ© Beskydy Mts (Czechia). Geografie-Sbornik CGS, 2017, 122, 213-235.	0.6	2
45	Development of a large wood jam in medium-high mountains: An example of the MazÃ¡k Stream, MoravskoslezskÃ© Beskydy Mts., Czechia. Geografie-Sbornik CGS, 2018, 123, 159-177.	0.6	2
46	Influence of tributaries on downstream bed sediment grain sizes under flysch conditions. Journal of Mountain Science, 2021, 18, 847-862.	2.0	1
47	PROJEVY ZDROJOVÃCH OBLASTÃ•SEDIMENTÅ® V ZRNITOSTNÃM SLOÅ½ENÃ•KORYTOVÃCH AKUMULACÃ•VODNÃCH TOKÅ® V RELIÃ‰FU BUDOVANÃ‰M FLYŠOVÃMI HORNINAMI. Geological Research in Moravia and Silesia, 2015, 2011, .		1
48	VLIV LITOLOGIE A MORFOLOGIE VYSOKOGRADIENTOVÃCH KORYT NA DNOVÃ‰ SEDIMENTY: PŘÃKLADOVÃ•STUDIE VODNÃHO TOKU KOBYLSKÃ•(VSETÃNSKÃ‰ VRCHY, ÄŒESKÃ•REPUBLIKA). Geological Research in Moravia and Silesia, 2019, 25, .	0.1	1
49	Downstream fining trends of gravel bar sediments: a case study of Czech Carpathian rivers. Acta Universitatis Carolinae, Geographica, 2020, 55, 229-242.	0.2	1
50	Large wood recruitment and mobility in steep mountain streams of contrast European landscapes. E3S Web of Conferences, 2018, 40, 02001.	0.5	0
51	Analysis of the longitudinal profile of the MorÃ¡vka and Mohelnice Rivers in context of morphological and lithological conditions. Geoscience Research Reports, 0, , .	0.0	0