

Geoffrey Houbrechts

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

423
citations

1040056

9
h-index

713466

21
g-index

27
all docs

27
docs citations

27
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical specific stream power in gravel-bed rivers. <i>Geomorphology</i> , 2005, 69, 92-101.	2.6	128
2	Dimensionless critical shear stress in gravel-bed rivers. <i>Geomorphology</i> , 2015, 250, 308-320.	2.6	47
3	Comparison of methods for quantifying active layer dynamics and bedload discharge in armoured gravel-bed rivers. <i>Earth Surface Processes and Landforms</i> , 2012, 37, 1501-1517.	2.5	39
4	Residual Doses in Recent Alluvial Sediments From the Ardenne (S Belgium). <i>Geochronometria</i> , 2007, 28, 1-8.	0.8	32
5	Evaluation of long-term bedload virtual velocity in gravel-bed rivers (Ardenne, Belgium). <i>Geomorphology</i> , 2015, 251, 6-19.	2.6	31
6	Fluvial architecture of Belgian river systems in contrasting environments: implications for reconstructing the sedimentation history. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2011, 90, 31-50.	0.9	23
7	Long-term bedload mobility in gravel-bed rivers using iron slag as a tracer. <i>Geomorphology</i> , 2011, 126, 233-244.	2.6	21
8	Can coarse bedload pass through weirs?. <i>Geomorphology</i> , 2020, 359, 107131.	2.6	17
9	Hydro-morphometric parameters controlling travel distance of pebbles and cobbles in three gravel bed streams. <i>Geomorphology</i> , 2020, 358, 107117.	2.6	11
10	Return Period of Characteristic Discharges from the Comparison between Partial Duration and Annual Series, Application to the Walloon Rivers (Belgium). <i>Water (Switzerland)</i> , 2020, 12, 792.	2.7	10
11	Holocene floodplain deposition and scale effects in a typical European upland catchment: A case study from the Amblève catchment, Ardennes (Belgium). <i>Holocene</i> , 2013, 23, 1184-1197.	1.7	9
12	Fréquence et importance du charriage dans les rivières du Massif ardennais. <i>Géographie Physique Et Quaternaire</i> , 2006, 60, 241-251.	0.2	6
13	Impact de la glace de stagnation sur l'érosion des berges d'un ruisseau ardennais (la Chavanne,). <i>Tijdschrift voor Geografie</i> , 2014, 10, 107-114.	0.4	6
14	Suitability and sustainability of spawning gravel placement in degraded river reaches, Belgium. <i>Catena</i> , 2021, 201, 105217.	5.0	5
15	Flash floods and muddy floods in Wallonia: recent temporal trends, spatial distribution and reconstruction of the hydrosedimentological fluxes using flood marks and sediment deposits. <i>Belgeo</i> , 2015, , .	0.2	5
16	Efficacité et résistance de techniques de protection de berges en génie végétal. <i>Geomorphologie Relief, Processus, Environnement</i> , 2018, 24, .	0.4	5
17	Microslag as a stratigraphic tracer to quantify floodplain processes (Lienne catchment, Belgium). <i>Geomorphology</i> , 2020, 360, 107166.	2.6	4
18	The Semois Valley in Southern Ardenne: Short-Wavelength, Large-Amplitude Meanders Incised into a Slaty Basement. <i>World Geomorphological Landscapes</i> , 2018, , 385-394.	0.3	2

#	ARTICLE	IF	CITATIONS
19	A Unique Boulder-Bed Reach of the Amblève River, Ardenne, at Fonds de Quarreux: Modes of Boulder Transport. <i>World Geomorphological Landscapes</i> , 2018, , 85-99.	0.3	2
20	Caractéristiques hydro-morphologiques des microhabitats de <i>Unio crassus</i> (Ardenne, Belgique). <i>Geomorphologie Relief, Processus, Environnement</i> , 2021, 27, 3-18.	0.4	1
21	Estimation of the area-specific suspended sediment yield from discrete samples in different regions of Belgium. <i>Journal of Soils and Sediments</i> , 2022, 22, 704-729.	3.0	1
22	The Periglacial Ramparted Depressions of the Hautes Fagnes Plateau: Traces of Late Weichselian Lithalsas. <i>World Geomorphological Landscapes</i> , 2018, , 101-113.	0.3	0
23	Historyczny układ hydrotechniczny w Jędrzynie (województwo Łódzkie) zachowany w formach i osadach – studium geoa archeologiczno-konserwatorskie. <i>Acta Universitatis Lodzianis Folia Geographica Physica</i> , 2019, , 29-40.	0.2	0