

Caroline Le Bouteiller

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

207
citations

1307366

7
h-index

1199470

12
g-index

13
all docs

13
docs citations

13
times ranked

344
citing authors

#	ARTICLE	IF	CITATIONS
1	Sediment transport and shear stress partitioning in a vegetated flow. <i>Water Resources Research</i> , 2015, 51, 2901-2922.	1.7	58
2	Vegetation-driven morphodynamic adjustments of a sand bed. <i>Geophysical Research Letters</i> , 2014, 41, 3876-3883.	1.5	31
3	Temperature control on CO2 emissions from the weathering of sedimentary rocks. <i>Nature Geoscience</i> , 2021, 14, 665-671.	5.4	31
4	Detection of seasonal cycles of erosion processes in a black marl gully from a time series of high-resolution digital elevation models (DEMs). <i>Earth Surface Dynamics</i> , 2016, 4, 781-798.	1.0	18
5	Temporal variability and time compression of sediment yield in small Mediterranean catchments: impacts for land and water management. <i>Soil Use and Management</i> , 2018, 34, 388-403.	2.6	16
6	Aggregate breakage under dynamic loading. <i>Granular Matter</i> , 2011, 13, 385-393.	1.1	11
7	Impact of vegetation on erosion: Insights from the calibration and test of a landscape evolution model in alpine badland catchments. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 1085-1099.	1.2	11
8	3D numerical simulation of seagrass movement under waves and currents with GPUSPH. <i>International Journal of Sediment Research</i> , 2021, 36, 711-722.	1.8	10
9	Optimization of restoration techniques: In-situ transplantation experiment of an endangered clonal plant species (<i>Typha minima</i> Hoppe). <i>Ecological Engineering</i> , 2021, 160, 106130.	1.6	7
10	Sediment export in marly badland catchments modulated by frost-cracking intensity, Draix Critical Zone Observatory, SE France. <i>Earth Surface Dynamics</i> , 2022, 10, 81-96.	1.0	7
11	Hydraulics and rheology of natural hyperconcentrated flows from Draix-Bleone observatory, French Alps. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2021, 59, 181-195.	0.7	6
12	Ecological succession and fine sediment accretion influence local patch dynamics of a pioneer riparian species (<i>Typha minima</i> Hoppe). <i>Freshwater Biology</i> , 2021, 66, 2351.	1.2	1
13	Dynamic Breakage of Agglomerates under Normal Impact and Tangential Friction. , 2009, , .		0