

Jutta Winsemann

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

888
citations

430874

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#	ARTICLE	IF	CITATIONS
1	Lateral and vertical facies relationships of bedforms deposited by aggrading supercritical flows: From cyclic steps to humpback dunes. <i>Sedimentary Geology</i> , 2013, 296, 36-54.	2.1	99
2	Facies characteristics of Middle Pleistocene (Saalian) ice-margin subaqueous fan and delta deposits, glacial Lake Leine, NW Germany. <i>Sedimentary Geology</i> , 2007, 193, 105-129.	2.1	80
3	Anatomy of a subaqueous ice-contact fan and delta complex, Middle Pleistocene, North-west Germany. <i>Sedimentology</i> , 2009, 56, 1041-1076.	3.1	75
4	3D architecture of cyclic-step and antidune deposits in glacial subaqueous fan and delta settings: Integrating outcrop and ground-penetrating radar data. <i>Sedimentary Geology</i> , 2017, 362, 83-100.	2.1	60
5	Ice-marginal forced regressive deltas in glacial lake basins: geomorphology, facies variability and large-scale depositional architecture. <i>Boreas</i> , 2018, 47, 973-1002.	2.4	57
6	Erosion and deposition by supercritical density flows during channel avulsion and backfilling: Field examples from coarse-grained deepwater channel-levee complexes (Sandino Forearc Basin, southern Tj ETQq0 0 0 rgBT /Overlock 10	2.1	46
7	New age constraints for the Saalian glaciation in northern central Europe: Implications for the extent of ice sheets and related proglacial lake systems. <i>Quaternary Science Reviews</i> , 2018, 180, 240-259.	3.0	53
8	Luminescence dating of ice-marginal deposits in northern Germany: evidence for repeated glaciations during the Middle Pleistocene (MIS 12 to Tj ETQq0 0 0 rgBT /Overlock 10 1650 457 T	2.1	46
9	Middle Pleistocene (Saalian) lake outburst floods in the Münsterland Embayment (NW Germany): impacts and magnitudes. <i>Quaternary Science Reviews</i> , 2011, 30, 2597-2625.	3.0	38
10	Response of a proglacial delta to rapid high-amplitude lake-level change: an integration of outcrop data and high-resolution shear wave seismics. <i>Basin Research</i> , 2011, 23, 22-52.	2.7	37
11	Reactivation of basement faults: interplay of ice-sheet advance, glacial lake formation and sediment loading. <i>Basin Research</i> , 2011, 23, 53-64.	2.7	36
12	Bedforms and sedimentary structures related to supercritical flows in glacial settings. <i>Sedimentology</i> , 2021, 68, 1539-1579.	3.1	35
13	Middle and Late Quaternary glacial lake-outburst floods, drainage diversions and reorganization of fluvial systems in northwestern Eurasia. <i>Earth-Science Reviews</i> , 2020, 201, 103069.	9.1	34
14	Flow dynamics, sedimentation and erosion of glacial lake outburst floods along the Middle Pleistocene Scandinavian Ice Sheet (northern central Europe). <i>Boreas</i> , 2016, 45, 260-283.	2.4	30
15	Role of Upper-Flow-Regime Bedforms Emplaced by Sediment Gravity Flows in the Evolution of Deltas. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 5.	2.6	27
16	Response of salt structures to ice-sheet loading: implications for ice-marginal and subglacial processes. <i>Quaternary Science Reviews</i> , 2014, 101, 217-233.	3.0	26
17	Visualisation and analysis of shear-deformation bands in unconsolidated Pleistocene sand using ground-penetrating radar: Implications for paleoseismological studies. <i>Sedimentary Geology</i> , 2018, 367, 135-145.	2.1	26
18	Impact of Middle Pleistocene (Saalian) glacial lake-outburst floods on the meltwater-drainage pathways in northern central Europe: Insights from 2D numerical flood simulation. <i>Quaternary Science Reviews</i> , 2019, 209, 82-99.	3.0	21

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19	Deformation style and basin-fill architecture of the offshore Limón back-arc basin (Costa Rica). <i>Marine and Petroleum Geology</i> , 2007, 24, 277-287.	3.3	17
20	Re-examining models of shallow-water deltas: Insights from tank experiments and field examples. <i>Sedimentary Geology</i> , 2021, 421, 105962.	2.1	15
21	Magnetic resonance tomography constrained by ground-penetrating radar for improved hydrogeophysical characterization. <i>Geophysics</i> , 2020, 85, JM13-JM26.	2.6	10
22	Flooding Northern Germany: Impacts and Magnitudes of Middle Pleistocene Glacial Lake-Outburst Floods. <i>Geography of the Physical Environment</i> , 2020, , 29-47.	0.4	6
23	The near-surface structure in the area of the Bårglum fault, Sorgenfrei-Tornquist Zone, northern Denmark: Implications for fault kinematics, timing of fault activity and fault control on tunnel valley formation. <i>Quaternary Science Reviews</i> , 2022, 289, 107619.	3.0	4
24	Glacially Induced Faults in Germany. , 2021, , 283-303.		2