

# Jutta Winsemann

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

888  
citations

430874

18  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

688  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Bedforms and sedimentary structures related to supercritical flows in glacial settings. <i>Sedimentology</i> , 2021, 68, 1539-1579.	3.1	35
3	Re-examining models of shallow-water deltas: Insights from tank experiments and field examples. <i>Sedimentary Geology</i> , 2021, 421, 105962.	2.1	15
4	Glacially Induced Faults in Germany. , 2021, , 283-303.		2
5	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
6	Magnetic resonance tomography constrained by ground-penetrating radar for improved hydrogeophysical characterization. <i>Geophysics</i> , 2020, 85, JM13-JM26.	2.6	10
7	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
8	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
9	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
10	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
11	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
12	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
13	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) <i>Tj ETQq1 1201784314rgBT /O</i>		
14	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
15	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
16	Luminescence dating of ice-marginal deposits in northern Germany: evidence for repeated glaciations during the Middle Pleistocene (MIS 12 to MIS 10) <i>Tj ETQq0 0 0 rgBT /Overlock 10 1650 137 T</i>		
17	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
18	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

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19	Middle Pleistocene (Saalian) lake outburst floods in the M <sup>1</sup> / <sub>4</sub> nsterland Embayment (NW Germany): impacts and magnitudes. <i>Quaternary Science Reviews</i> , 2011, 30, 2597-2625.	3.0	38
20	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
21	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
22	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
23	Deformation style and basin-fill architecture of the offshore Lim <sup>3</sup> n back-arc basin (Costa Rica). <i>Marine and Petroleum Geology</i> , 2007, 24, 277-287.	3.3	17
24	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