

Georg Schwamborn

List of Publications by Year in descending order

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33
papers

1,306
citations

430754

18
h-index

377752

34
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41
all docs

41
docs citations

41
times ranked

1229
citing authors

#	ARTICLE	IF	CITATIONS
1	Depositional environments and salt-thickness variations in Urmia Lake (NW Iran): Insight from sediment-core studies. <i>Journal of Sedimentary Research</i> , 2021, 91, 296-316.	0.8	11
2	Late Quaternary sedimentation dynamics in the Beenchime-Salaatinsky Crater, Northern Yakutia. <i>Arktos</i> , 2020, 6, 75-92.	1.0	3
3	Sediment history mirrors Pleistocene aridification in the Gobi Desert (Ejina Basin, NW China). <i>Solid Earth</i> , 2020, 11, 1375-1398.	1.2	3
4	Glycerol dialkyl glycerol tetraethers (GDGTs) in high latitude Siberian permafrost: Diversity, environmental controls, and implications for proxy applications. <i>Organic Geochemistry</i> , 2019, 136, 103888.	0.9	15
5	Spatial distribution of environmental indicators in surface sediments of Lake Bolshoe Toko, Yakutia, Russia. <i>Biogeosciences</i> , 2019, 16, 4023-4049.	1.3	28
6	Middle to Late Pleistocene lake-level fluctuations of Lake El'gygytgyn, Far East Russian Arctic. <i>Boreas</i> , 2019, 48, 516-533.	1.2	6
7	Substrate potential of last interglacial to Holocene permafrost organic matter for future microbial greenhouse gas production. <i>Biogeosciences</i> , 2018, 15, 1969-1985.	1.3	17
8	Diatom records and tephra mineralogy in pingo deposits of Seward Peninsula, Alaska. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 479, 1-15.	1.0	14
9	The History of Tree and Shrub Taxa on Bol'shoy Lyakhovskiy Island (New Siberian Archipelago) since the Last Interglacial Uncovered by Sedimentary Ancient DNA and Pollen Data. <i>Genes</i> , 2017, 8, 273.	1.0	41
10	Sedimentary ancient DNA and pollen reveal the composition of plant organic matter in Late Quaternary permafrost sediments of the Buor Khaya Peninsula (north-eastern Siberia). <i>Biogeosciences</i> , 2017, 14, 575-596.	1.3	50
11	Transient modeling of the ground thermal conditions using satellite data in the Lena River delta, Siberia. <i>Cryosphere</i> , 2017, 11, 1441-1463.	1.5	41
12	Yedoma Ice Complex of the Buor Khaya Peninsula (southern Laptev Sea). <i>Biogeosciences</i> , 2017, 14, 1261-1283.	1.3	33
13	Impact processes, permafrost dynamics, and climate and environmental variability in the terrestrial Arctic as inferred from the unique 3.6-Myr record of Lake El'gygytgyn, Far East Russia – A review. <i>Quaternary Science Reviews</i> , 2016, 147, 221-244.	1.4	27
14	3D ground-penetrating radar imaging of ice complex deposits in northern East Siberia. <i>Geophysics</i> , 2016, 81, WA195-WA202.	1.4	12
15	Past freeze and thaw cycling in the margin of the El'gygytgyn crater deduced from a 141 m long permafrost record. <i>Climate of the Past</i> , 2014, 10, 1109-1123.	1.3	7
16	Impact of Lake-Level and Climate Changes on Microbial Communities in a Terrestrial Permafrost Sequence of the El'gygytgyn Crater, Far East Russian Arctic. <i>Permafrost and Periglacial Processes</i> , 2014, 25, 107-116.	1.5	14
17	Thermokarst Processes and Depositional Events in a Tundra Lake, Northeastern Siberia. <i>Permafrost and Periglacial Processes</i> , 2013, 24, 160-174.	1.5	48
18	Past climate changes and permafrost depth at the Lake El'gygytgyn site: implications from data and thermal modeling. <i>Climate of the Past</i> , 2013, 9, 119-133.	1.3	15

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19	Preliminary estimation of Lake El'gygytgyn water balance and sediment income. <i>Climate of the Past</i> , 2013, 9, 1455-1465.	1.3	19
20	Vegetation history of central Chukotka deduced from permafrost paleoenvironmental records of the El'gygytgyn Impact Crater. <i>Climate of the Past</i> , 2012, 8, 1287-1300.	1.3	39
21	Depositional dynamics in the El'gygytgyn Crater margin: implications for the 3.6 Ma old sediment archive. <i>Climate of the Past</i> , 2012, 8, 1897-1911.	1.3	18
22	Quartz weathering in freeze-thaw cycles: experiment and application to the el'gygytgyn crater lake record for tracing siberian permafrost history. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2012, 94, 481-499.	0.6	40
23	Late Quaternary paleoenvironmental records from the western Lena Delta, Arctic Siberia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 299, 175-196.	1.0	51
24	Sedimentary characteristics and origin of the Late Pleistocene Ice Complex on north-east Siberian Arctic coastal lowlands and islands – A review. <i>Quaternary International</i> , 2011, 241, 3-25.	0.7	182
25	Late Quaternary lake-level changes of Lake El'gygytgyn, NE Siberia. <i>Quaternary Research</i> , 2011, 76, 441-451.	1.0	32
26	Periglacial sediment variations controlled by late Quaternary climate and lake level change at Elgygytgyn Crater, Arctic Siberia. <i>Boreas</i> , 2008, 37, 55-65.	1.2	38
27	Internal characteristics of ice-marginal sediments deduced from georadar profiling and sediment properties (BrÅgger Peninsula, Svalbard). <i>Geomorphology</i> , 2008, 95, 74-83.	1.1	14
28	The use of GPR to detect active layers in young periglacial terrain of Livingston Island, Maritime Antarctica. <i>Near Surface Geophysics</i> , 2008, 6, 331-336.	0.6	18
29	Ground ice and slope sediments archiving late Quaternary paleoenvironment and paleoclimate signals at the margins of El'gygytgyn Impact Crater, NE Siberia. <i>Quaternary Research</i> , 2006, 66, 259-272.	1.0	62
30	Holocene paleoenvironmental records from Nikolay Lake, Lena River Delta, Arctic Russia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 209, 197-217.	1.0	88
31	Late Quaternary History of the Accumulation Plain North of the Chekanovsky Ridge (Lena Delta,) <i>TJ ETQq1 1 0.784314 rgBT /Overlock</i>	0.8	86
32	Late Quaternary sedimentation history of the Lena Delta. <i>Quaternary International</i> , 2002, 89, 119-134.	0.7	136
33	High-resolution seismic and ground penetrating radar-geophysical profiling of a thermokarst lake in the western Lena Delta, Northern Siberia. <i>Permafrost and Periglacial Processes</i> , 2002, 13, 259-269.	1.5	67