

Julia Gottschalk

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,036
citations

430874

18
h-index

677142

22
g-index

33
all docs

33
docs citations

33
times ranked

1751
citing authors

#	ARTICLE	IF	CITATIONS
1	Southern Ocean link between changes in atmospheric CO ₂ levels and northern-hemisphere climate anomalies during the last two glacial periods. <i>Quaternary Science Reviews</i> , 2020, 230, 106067.	3.0	20
2	Glacial heterogeneity in Southern Ocean carbon storage abated by fast South Indian deglacial carbon release. <i>Nature Communications</i> , 2020, 11, 6192.	12.8	27
3	Southern Ocean convection amplified past Antarctic warming and atmospheric CO ₂ rise during Heinrich Stadial 4. <i>Communications Earth & Environment</i> , 2020, 1, .	6.8	13
4	Southern Ocean upwelling, Earth's obliquity, and glacial-interglacial atmospheric CO ₂ change. <i>Science</i> , 2020, 370, 1348-1352.	12.6	57
5	Mechanisms of millennial-scale atmospheric CO ₂ change in numerical model simulations. <i>Quaternary Science Reviews</i> , 2019, 220, 30-74.	3.0	46
6	Consistently dated Atlantic sediment cores over the last 40 thousand years. <i>Scientific Data</i> , 2019, 6, 165.	5.3	63
7	Archaeal lipid biomarker constraints on the Paleocene-Eocene carbon isotope excursion. <i>Nature Communications</i> , 2019, 10, 4519.	12.8	23
8	No evidence for equatorial Pacific dust fertilization. <i>Nature Geoscience</i> , 2019, 12, 154-155.	12.9	15
9	Rare Earth Elements in early-diagenetic foraminifer coatings: Pore-water controls and potential palaeoceanographic applications. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 245, 118-132.	3.9	46
10	Radiocarbon Measurements of Small-Size Foraminiferal Samples with the Mini Carbon Dating System (MICADAS) at the University of Bern: Implications for Paleoclimate Reconstructions. <i>Radiocarbon</i> , 2018, 60, 469-491.	1.8	35
11	Palaeoclimate constraints on the impact of 2 °C anthropogenic warming and beyond. <i>Nature Geoscience</i> , 2018, 11, 474-485.	12.9	166
12	Past Carbonate Preservation Events in the Deep Southeast Atlantic Ocean (Cape Basin) and Their Implications for Atlantic Overturning Dynamics and Marine Carbon Cycling. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 643-663.	2.9	11
13	Calibration of the carbon isotope composition ($\delta^{13}\text{C}$) of benthic foraminifera. <i>Paleoceanography</i> , 2017, 32, 512-530.	3.0	63
14	Age and duration of Laschamp and Iceland Basin geomagnetic excursions in the South Atlantic Ocean. <i>Quaternary Science Reviews</i> , 2017, 167, 1-13.	3.0	21
15	Radiocarbon constraints on the glacial ocean circulation and its impact on atmospheric CO ₂ . <i>Nature Communications</i> , 2017, 8, 16010.	12.8	97
16	Carbon isotope offsets between benthic foraminifer species of the genus <i>Cibicides</i> (<i>Cibicidoides</i>) in the glacial sub-Antarctic Atlantic. <i>Paleoceanography</i> , 2016, 31, 1583-1602.	3.0	39
17	Biological and physical controls in the Southern Ocean on past millennial-scale atmospheric CO ₂ changes. <i>Nature Communications</i> , 2016, 7, 11539.	12.8	102
18	Evolution of South Atlantic density and chemical stratification across the last deglaciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 514-519.	7.1	53

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19	Contribution of seasonal sub-Antarctic surface water variability to millennial-scale changes in atmospheric CO2 over the last deglaciation and Marine Isotope Stage 3. Earth and Planetary Science Letters, 2015, 411, 87-99.	4.4	23
20	Abrupt changes in the southern extent of North Atlantic Deep Water during Dansgaard-Oeschger events. Nature Geoscience, 2015, 8, 950-954.	12.9	63
21	History of ice-rafting and water mass evolution at the northern Siberian continental margin (Laptev) Tj ETQq1 1 0.784314 rgBT /Overl	3.0	34
22	Site U1542. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	0
23	Expedition 383 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	2
24	Site U1541. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	1
25	Site U1544. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	0
26	Site U1540. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	3
27	Site U1543. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	1
28	Expedition 383 methods. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	7
29	Site U1539. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	1