AndrÃ© O Sawakuchi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7838/publications.pdf

Version: 2024-02-01

87	2,262	279798	265206
papers	citations	23 h-index	42 g-index

90	90	90	2982
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Incision and aggradation phases of the Amazon River in central-eastern Amazonia during the late Neogene and Quaternary. Geomorphology, 2022, 399, 108073.	2.6	7
2	Cenozoic weathering of fluvial terraces and emergence of biogeographic boundaries in Central Amazonia. Global and Planetary Change, 2022, 212, 103815.	3.5	5
3	Alternate Atlantic forest and climate phases during the early Pleistocene 41 kyr cycles in southeastern Brazil. Quaternary Science Reviews, 2022, 286, 107560.	3.0	5
4	South American precipitation dipole forced by interhemispheric temperature gradient. Scientific Reports, 2022, 12, .	3.3	5
5	Late Quaternary episodes of clastic sediment deposition in the Tarimba Cave, Central Brazil. Quaternary International, 2021, 580, 22-37.	1.5	7
6	Growing at the limit: Reef growth sensitivity to climate and oceanographic changes in the South Western Atlantic. Global and Planetary Change, 2021, 201, 103479.	3.5	11
7	How green can Amazon hydropower be? Net carbon emission from the largest hydropower plant in Amazonia. Science Advances, 2021, 7, .	10.3	18
8	Fluvial aggradation and incision in the Brazilian tropical semi-arid: Climate-controlled landscape evolution of the SÃ£o Francisco River. Quaternary Science Reviews, 2021, 263, 106977.	3.0	10
9	Phylogeography of Baryancistrus xanthellus (Siluriformes: Loricariidae), a rheophilic catfish endemic to the Xingu River basin in eastern Amazonia. PLoS ONE, 2021, 16, e0256677.	2.5	1
10	Negligible Quantities of Particulate Lowâ€Temperature Pyrogenic Carbon Reach the Atlantic Ocean via the Amazon River. Global Biogeochemical Cycles, 2021, 35, e2021GB006990.	4.9	7
11	The role of bedrock and climate for the Late Quaternary erosive-depositional behavior of an intraplate tropical river: The TietÃª River case, southeastern Brazil. Geomorphology, 2021, 389, 107834.	2.6	2
12	New insights on sources contributing dust to the loess record of the western edge of the Pampean Plain during the transition from the late MIS 2 to the early Holocene. Holocene, 2020, 30, 537-545.	1.7	6
13	Incubation experiments to constrain the production of methane and carbon dioxide in organic-rich shales of the Permian Irati Formation, ParanÃ¡ Basin. Marine and Petroleum Geology, 2020, 112, 104039.	3.3	4
14	Transformation of maritime desert to an agricultural center: Holocene environmental change and landscape engineering in Chicama River valley, northern Peru coast. Quaternary Science Reviews, 2020, 227, 106046.	3.0	15
15	The response of a dune succession from LenÃ§Ã³is Maranhenses, NE Brazil, to climate changes between MIS 3 and MIS 2. Quaternary International, 2020, 537, 97-111.	1.5	4
16	Geomorphology of fluvial deposits in the middle Tocantins River, eastern Amazon. Journal of Maps, 2020, 16, 710-723.	2.0	4
17	Microplastics in sediments from Amazon rivers, Brazil. Science of the Total Environment, 2020, 749, 141604.	8.0	93
18	Climate changes in Northeastern Brazil from deglacial to Meghalayan periods and related environmental impacts. Quaternary Science Reviews, 2020, 250, 106655.	3.0	26

#	Article	IF	Citations
19	Deglacial climate and relative sea level changes forced the shift from eolian sandsheets to dunefields in southern Brazilian coast. Geomorphology, 2020, 365, 107252.	2.6	11
20	Patterns and Processes of Diversification in Amazonian White Sand Ecosystems: Insights from Birds and Plants. Fascinating Life Sciences, 2020, , 245-270.	0.9	25
21	Re-investigating Miocene age control and paleoenvironmental reconstructions in western Amazonia (northwestern SolimÃµes Basin, Brazil). Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 545, 109652.	2.3	11
22	Geochronology and evolution of a complex barrier, Younghusband Peninsula, South Australia. Geomorphology, 2020, 354, 107044.	2.6	22
23	Optically Stimulated Luminescence Sensitivity of Quartz for Provenance Analysis. Methods and Protocols, 2020, 3, 6.	2.0	11
24	Quaternary climate changes as speciation drivers in the Amazon floodplains. Science Advances, 2020, 6, eaax4718.	10.3	55
25	Hydrocarbon generation in the Permian Irati organic-rich shales under the influence of the early cretaceous ParanÃ¡ Large Igneous Province. Marine and Petroleum Geology, 2020, 117, 104410.	3.3	10
26	Chronostratigraphy of a 1.5Â±0.1ÂMa composite sedimentary record from ColÃ´nia basin (SE Brazil): Bayesian modeling based on paleomagnetic, authigenic 10Be/9Be, radiocarbon and luminescence dating. Quaternary Geochronology, 2020, 58, 101081.	1.4	12
27	Shut down of the South American summer monsoon during the penultimate glacial. Scientific Reports, 2020, 10, 6275.	3.3	19
28	The Origin and Evolution of Amazonian Species Diversity. Fascinating Life Sciences, 2020, , 225-244.	0.9	26
29	Modern pollen signatures of Amazonian rivers and new insights for environmental reconstructions. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 554, 109802.	2.3	7
30	Thermoluminescence and Optically Stimulated Luminescence Measured in Marine Sediments Indicate Precipitation Changes Over Northeastern Brazil. Paleoceanography and Paleoclimatology, 2019, 34, 1476-1486.	2.9	11
31	Modern and late Pleistocene particulate organic carbon transport by the Amazon River: Insights from long-chain alkyl diols. Geochimica Et Cosmochimica Acta, 2019, 262, 1-19.	3.9	14
32	Spatiotemporal Variations of Riverine Discharge Within the Amazon Basin During the Late Holocene Coincide With Extratropical Temperature Anomalies. Geophysical Research Letters, 2019, 46, 9013-9022.	4.0	14
33	Luminescence as a Sediment Tracer and Provenance Tool. Reviews of Geophysics, 2019, 57, 987-1017.	23.0	57
34	Carbon dioxide (CO₂) concentrations and emission in the newly constructed Belo Monte hydropower complex in the Xingu River, Amazonia. Biogeosciences, 2019, 16, 3527-3542.	3.3	13
35	Luminescence dating of sediments from central Atacama Desert, northern Chile. Quaternary Geochronology, 2019, 53, 101002.	1.4	14
36	Revisiting the chronology and environmental conditions for the accretion of late Pleistocene-early Holocene Pampean loess (Argentina). Quaternary Science Reviews, 2019, 213, 105-119.	3.0	14

#	Article	IF	Citations
37	Chronology of Terra Firme formation in Amazonian lowlands reveals a dynamic Quaternary landscape. Quaternary Science Reviews, 2019, 210, 154-163.	3.0	64
38	The role of abrupt climate change in the formation of an open vegetation enclave in northern Amazonia during the late Quaternary. Global and Planetary Change, 2019, 172, 140-149.	3.5	24
39	Luminescence of quartz and feldspar fingerprints provenance and correlates with the source area denudation in the Amazon River basin. Earth and Planetary Science Letters, 2018, 492, 152-162.	4.4	55
40	Fluid inclusions in calcite filled opening fractures of the Serra Alta Formation reveal paleotemperatures and composition of diagenetic fluids percolating Permian shales of the ParanÃ¡ Basin. Journal of South American Earth Sciences, 2018, 84, 242-254.	1.4	17
41	Process Control in The Geneses and Evolution of A Lagoon-Barrier System inside of The Patos Lagoon, South of Brazil. Journal of Coastal Research, 2018, 85, 651-655.	0.3	4
42	The effects of mid-Holocene fluvio-eolian interplay and coastal dynamics on the formation of dune-dammed lakes in NE Brazil. Quaternary Science Reviews, 2018, 196, 137-153.	3.0	16
43	Holocene provenance shift of suspended particulate matter in the Amazon River basin. Quaternary Science Reviews, 2018, 190, 66-80.	3.0	25
44	Late Quaternary CuiabÃ¡ megafan, Brazilian Pantanal: Channel patterns and paleoenvironmental changes. Quaternary International, 2017, 438, 108-125.	1.5	25
45	Phylogeography and population dynamics of Antbirds (Thamnophilidae) from Amazonian fluvial islands. Journal of Biogeography, 2017, 44, 2284-2294.	3.0	30
46	Synchronous and proportional deglacial changes in Atlantic meridional overturning and northeast Brazilian precipitation. Paleoceanography, 2017, 32, 622-633.	3.0	86
47	Weakening of northeast trade winds during the Heinrich stadial 1 event recorded by dune field stabilization in tropical Brazil. Quaternary Research, 2017, 88, 369-381.	1.7	9
48	Different precipitation patterns across tropical South America during Heinrich and Dansgaard-Oeschger stadials. Quaternary Science Reviews, 2017, 177, 1-9.	3.0	37
49	The complex prograded Cassino barrier in southern Brazil: Geological and morphological evolution and records of climatic, oceanographic and sea-level changes in the last 7â€“6 ka. Marine Geology, 2017, 390, 106-119.	2.1	71
50	The Fate of Carbon in Sediments of the Xingu and TapajÃ³s Clearwater Rivers, Eastern Amazon. Frontiers in Marine Science, 2017, 4, .	2.5	18
51	Origin and processing of terrestrial organic carbon in the Amazon system: lignin phenols in river, shelf, and fan sediments. Biogeosciences, 2017, 14, 2495-2512.	3.3	19
52	Optically stimulated luminescence and isothermal thermoluminescence dating of high sensitivity and well bleached quartz from Brazilian sediments: from Late Holocene to beyond the Quaternary?. Brazilian Journal of Geology, 2016, 46, 209-226.	0.7	13
53	Oxidative mitigation of aquatic methane emissions in large Amazonian rivers. Global Change Biology, 2016, 22, 1075-1085.	9.5	61
54	Evaluating isothermal thermoluminescence and thermally transferred optically stimulated luminescence for dating of Pleistocene sediments in Amazonia. Quaternary Geochronology, 2016, 36, 28-37.	1.4	7

#	Article	IF	Citations
55	Origin, transport and deposition of leaf-wax biomarkers in the Amazon Basin and the adjacent Atlantic. Geochimica Et Cosmochimica Acta, 2016, 192, 149-165.	3.9	40
56	The role of tectonics and climate in the late Quaternary evolution of a northern Amazonian River. Geomorphology, 2016, 271, 22-39.	2.6	43
57	Equatorial Pacific forcing of western Amazonian precipitation during Heinrich Stadial 1. Scientific Reports, 2016, 6, 35866.	3.3	13
58	Biogenic methane and carbon dioxide generation in organic-rich shales from southeastern Brazil. International Journal of Coal Geology, 2016, 162, 1-13.	5.0	13
59	New Archaeological Evidence for an Early Human Presence at Monte Verde, Chile. PLoS ONE, 2015, 10, e0141923.	2.5	180
60	Attaining provenance proxies from OSL and TL sensitivities: Coupling with grain size and heavy minerals data from southern Brazilian coastal sediments. Radiation Measurements, 2015, 81, 39-45.	1.4	17
61	Mid-Late Pleistocene OSL chronology in western Amazonia and implications for the transcontinental Amazon pathway. Sedimentary Geology, 2015, 330, 1-15.	2.1	52
62	OSL dating of Brazilian fluvial carbonates (tufas) using detrital quartz grains. Quaternary International, 2015, 362, 146-156.	1.5	8
63	Provenance of sands from the confluence of the Amazon and Madeira rivers based on detrital heavy minerals and luminescence of quartz and feldspar. Sedimentary Geology, 2015, 316, 1-12.	2.1	33
64	Terrigenous input off northern South America driven by changes in Amazonian climate and the North Brazil Current retroflection during the last 250 ka. Climate of the Past, 2014, 10, 843-862.	3.4	66
65	Discussion: â€œEvidence for a transgressive barrier within a regressive strandplain system: implications for complex response to environmental changeâ€•by Hein, etÂal. (2013), Sedimentology 60, 469â€“502. Sedimentology, 2014, 61, 2205-2212.	3.1	10
66	Paleotemperatures and paleofluids recorded in fluid inclusions from calcite veins from the northern flank of the Ponta Grossa dyke swarm: Implications for hydrocarbon generation and migration in the ParanÃ¡ Basin. Marine and Petroleum Geology, 2014, 52, 107-124.	3.3	22
67	Methane emissions from Amazonian Rivers and their contribution to the global methane budget. Global Change Biology, 2014, 20, 2829-2840.	9.5	110
68	Late Holocene intensification of colds fronts in southern Brazil as indicated by dune development and provenance changes in the SÃ£o Francisco do Sul coastal barrier. Marine Geology, 2013, 335, 64-77.	2.1	24
69	Influence of cell size on volume calculation using digital terrain models: A case of coastal dune fields. Geomorphology, 2013, 180-181, 130-136.	2.6	22
70	Luminescence characteristics of quartz from Brazilian sediments and constraints for OSL dating. Anais Da Academia Brasileira De Ciencias, 2013, 85, 1303-1316.	0.8	11
71	DiscriminaÃ§Ã£o dos depÃ³sitos cenozoicos da parte emersa da Bacia ParaÃba (NE, Brasil) por meio de minerais pesados e granulometria. Brazilian Journal of Geology, 2013, 43, 555-570.	0.7	4
72	Geomorphological analysis of coastal depositional systems in SE Brazil aided by Google Earth coupled with the integration of chronological and sedimentological data by means of a Google Fusion Table. , 2012, , .		3

#	Article	IF	Citations
73	Quartz OSL sensitivity as a proxy for storm activity on the southern Brazilian coast during the Late Holocene. Quaternary Geochronology, 2012, 13, 92-102.	1.4	39
74	Controls of heavy minerals and grain size in a holocene regressive barrier (Ilha Comprida,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (	1.4	25
75	Thermal history versus sedimentary history: OSL sensitivity of quartz grains extracted from rocks and sediments. Quaternary Geochronology, 2011, 6, 261-272.	1.4	86
76	Determination of controls on Holocene barrier progradation through application of OSL dating: The Ilha Comprida Barrier example, Southeastern Brazil. Marine Geology, 2011, 285, 1-16.	2.1	42
77	Correlation between thermoluminescence sensitivity and crystallization temperatures of quartz: Potential application in geothermometry. Radiation Measurements, 2011, 46, 51-58.	1.4	11
78	Lycopodiopsis derbyi Renault from the CorumbataÃ-Formation in the state of SÃ£o Paulo (Guadalupian) Tj ETQq0 0 0 rgBT /Overlock 10 and Palynology, 2009, 158, 180-192.	1.5	16
79	Grain size and heavy minerals of the Late Quaternary eolian sediments from the Imbitubaâ€“Jaguaruna coast, Southern Brazil: Depositional controls linked to relative sea-level changes. Sedimentary Geology, 2009, 222, 226-240.	2.1	24
80	A planÃcie costeira holocÃªnica de Campos Verdes (Laguna, SC): evoluÃ§Ã£o sedimentar inferida a partir de georradar (GPR), granulometria e minerais pesados. Revista Brasileira De GeociÃªncias, 2009, 39, 751-767.	0.1	3
81	The development of blowouts and foredunes in the Ilha Comprida barrier (Southeastern Brazil): the influence of Late Holocene climate changes on coastal sedimentation. Quaternary Science Reviews, 2008, 27, 2076-2090.	3.0	44
82	Eolian depositional episodes controlled by Late Quaternary relative sea level changes on the Imbitubaâ€“Laguna coast (southern Brazil). Marine Geology, 2007, 237, 143-168.	2.1	66
83	Luminescence signals of quartz and feldspar as new methods for stratigraphic discrimination and provenance analysis of siliciclastic successions: The case of the ParnaÃba Basin (Brazil) of West Gondwana. Basin Research, 0, , .	2.7	5
84	The Volta Grande do Xingu: reconstruction of past environments and forecasting of future scenarios of a unique Amazonian fluvial landscape. Scientific Drilling, 0, 20, 21-32.	0.6	30
85	Why deep drilling in the ColÃ´nia Basin (Brazil)?. Scientific Drilling, 0, 20, 33-39.	0.6	13
86	Quaternary ironstones in the Xingu River, eastern Amazonia (Brazil). Quaternary Research, 0, , 1-14.	1.7	0
87	Extended-Range Luminescence Dating of Central and Eastern Amazonia Sandy Terrains. Frontiers in Earth Science, 0, 10, .	1.8	1