Margot Guerra-Sommer

List of Publications by Year
in descending order

77 papers	1,020 citations	516710 16 h-index	501196 28 g-index
78 all docs	78 docs citations	78 times ranked	482 citing authors

#	Article	IF	Citations
1	The burning of Gondwana: Permian fires on the southern continentâ€"A palaeobotanical approach. Gondwana Research, 2013, 24, 148-160.	6.0	80
2	Radiometric age determination of tonsteins and stratigraphic constraints for the Lower Permian coal succession in southern ParanÃ¡ Basin, Brazil. International Journal of Coal Geology, 2008, 74, 13-27.	5.0	73
3	Uâ€"Pb dating of tonstein layers from a coal succession of the southern ParanÃ¡ Basin (Brazil): A new geochronological approach. Gondwana Research, 2008, 14, 474-482.	6.0	67
4	Geochronological data from the Faxinal coal succession, southern ParanÃ¡ Basin, Brazil: A preliminary approach combining radiometric U-Pb dating and palynostratigraphy. Journal of South American Earth Sciences, 2008, 25, 246-256.	1.4	57
5	Depositional cyclicity and paleoecological variability in an outcrop of Rio Bonito formation, Early Permian, ParanÃ¡ Basin, Rio Grande do Sul, Brazil. Journal of South American Earth Sciences, 2006, 21, 276-293.	1.4	41
6	Geochronological correlation of the main coal interval in Brazilian Lower Permian: Radiometric dating of tonstein and calibration of biostratigraphic framework. Journal of South American Earth Sciences, 2012, 39, 1-15.	1.4	41
7	Upper Paleozoic charcoal remains from South America: Multiple evidences of fire events in the coal bearing strata of the ParanÃ¡ Basin, Brazil. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 306, 205-218.	2.3	35
8	Charcoalified logs as evidence of hypautochthonous/autochthonous wildfire events in a peat-forming environment from the Permian of southern ParanÃ¡ Basin (Brazil). International Journal of Coal Geology, 2015, 146, 55-67.	5.0	35
9	Palaeobotanical evidence of wildfires in the Late Palaeozoic of South America â€" Early Permian, Rio Bonito Formation, ParanÃ¡ Basin, Rio Grande do Sul, Brazil. Journal of South American Earth Sciences, 2008, 26, 435-444.	1.4	33
10	Late Triassic climate in southernmost Parana Basin (Brazil): evidence from dendrochronological data. Journal of South American Earth Sciences, 2005, 18, 213-221.	1.4	28
11	Extending the database of Permian palaeo-wildfire on Gondwana: Charcoal remains from the Rio do Rasto Formation (ParanÃ¡ Basin), Middle Permian, Rio Grande do Sul State, Brazil. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 436, 77-84.	2.3	27
12	Early Cretaceous coniferous woods from a paleoerg (ParanÃ¡ Basin, Brazil). Journal of South American Earth Sciences, 2011, 32, 96-109.	1.4	24
13	Charcoal remains from a tonstein layer in the Faxinal Coalfield, Lower Permian, southern ParanÃ¡ Basin, Brazil. Anais Da Academia Brasileira De Ciencias, 2011, 83, 471-481.	0.8	24
14	Paleoecological patterns at the coal-roof shale transition in an outcrop of the Permian Brazilian Gondwana. Revista Brasileira De Paleontologia, 2008, 11, 11-26.	0.4	20
15	Effect of volcanic ash-fall on a Permian peat-forming environment, on the basis of palynology, palynofacies and paleobotany (Faxinal Coalfield, Brazil). Revista Brasileira De Paleontologia, 2009, 12, 179-194.	0.4	20
16	Growth ring analysis of fossil coniferous woods from early cretaceous of Araripe Basin (Brazil). Anais Da Academia Brasileira De Ciencias, 2011, 83, 409-423.	0.8	17
17	The Botrychiopsis genus and its biostratigraphic implications in Southern ParanÃ¡ Basin. Anais Da Academia Brasileira De Ciencias, 2003, 75, 513-535.	0.8	16
18	Permian plants from the Chutani Formation (Titicaca Group, Northern Altiplano of Bolivia): I. Genera Pecopteris and Asterotheca. Anais Da Academia Brasileira De Ciencias, 2004, 76, 117-128.	0.8	15

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19	Record of the genus Lycopodites in the Lower Permian of ParanÃ¡ Basin, Brazil. Anais Da Academia Brasileira De Ciencias, 2008, 80, 553-563.	0.8	15
20	The Triassic taphoflora of the ParanÃ¡ Basin, southern Brazil: a biostratigraphical approach. Journal of African Earth Sciences, 1999, 29, 243-255.	2.0	14
21	Geochemical and palynological evidence for the age determination of Permian coals, southern Brazil. Journal of South American Earth Sciences, 2002, 15, 375-380.	1.4	14
22	A MIDDLE PERMIAN (ROADIAN) LUNGFISH AESTIVATION BURROW FROM THE RIO DO RASTO FORMATION (PARANÃ•BASIN, BRAZIL) AND ASSOCIATED U-Pb DATING. Palaios, 2018, 33, 69-84.	1.3	14
23	Fungusâ€“plant interactions in Aptian Tropical Equatorial Hot arid belt: White rot in araucarian wood from the Crato fossil LagerstÃtte (Araripe Basin, Brazil). Cretaceous Research, 2020, 114, 104525.	1.4	14
24	Sub-arborescent Lycophytes in coal-bearing strata from the Artinskian (Early Permian/Cisuralian) of the Santa Catarina coalfield (ParanÃ¡ Basin, SC, Brazil). Revista Brasileira De Paleontologia, 2012, 15, 135-140.	0.4	14
25	Coricladus quiteriensis gen. et sp. nov., a new conifer in Southern-Brazil Gondwana (Lower Permian,) Tj ETQq1 1 0.784314 rgBT /Over	0.8	12
26	Charcoalified Agathoxylon-type wood with preserved secondary phloem from the lower Permian of the Brazilian Parana Basin. Review of Palaeobotany and Palynology, 2016, 226, 20-29.	1.5	11
27	Evidence of palaeo-wildfire from the upper Lower Cretaceous (SerraÂdo Tucano Formation,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.4	11
28	Late Palaeozoic lycopsid macrofossils from the ParanÃ¡ Basin, South America â€“ an overview of current knowledge. Journal of South American Earth Sciences, 2020, 101, 102615.	1.4	11
29	EARLY PERMIAN PALAEOFLORAS FROM SOUTHERN BRAZILIAN GONDWANA: A PALAEOCLIMATIC APPROACH. Revista Brasileira De GeociÃªncias, 2000, 30, 486-490.	0.1	11
30	Lenhos de Ginkgophyta em florestas petrificadas no TriÃ¡ssicoSuperior sul-rio-grandense, Brasil. Revista Brasileira De Paleontologia, 2009, 12, 139-148.	0.4	11
31	Sommerxylon spiralosus from Upper Triassic in southernmost ParanÃ¡ Basin (Brazil): a new taxon with taxacean affinity. Anais Da Academia Brasileira De Ciencias, 2004, 76, 595-609.	0.8	9
32	LicÃ³fitas CormofÃticas Arborescentes do Afloramento QuitÃ©ria FormaÃ§Ã£o do Rio Bonito (Bacia do) Tj ETQq0 0 0 rgBT /Overlock 10	0.1	9
33	Fitofagia em GlossopterÃdeas na Paleoflora da Mina do Faxinal (FormaÃ§Ã£o do Rio Bonito, Artinskiano,) Tj ETQq1 1 0.784314 rgBT /	0.1	9
34	THE TRIASSIC TAPHOFLORA FROM PARANA BASIN, SOUTHERN BRAZIL: AN OVERVIEW. Revista Brasileira De GeociÃªncias, 2000, 30, 481-485.	0.1	9
35	Permian plants from the Chutani Formation (Titicaca Group, Northern Altiplano of Bolivia): II. The morphogenus Glossopteris. Anais Da Academia Brasileira De Ciencias, 2004, 76, 129-138.	0.8	8
36	Indo-Brazilian Late Palaeozoic wildfires: an overview on macroscopic charcoal. Geologia USP - Serie Cientifica, 2016, 16, 87-97.	0.3	8

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37	Epidermal morphology and ecological significance of Glossopteris pubescens nom. nov. from the Brazilian Permian (Sakmarian). Review of Palaeobotany and Palynology, 2016, 232, 119-139.	1.5	8
38	LicÃ³fitas Arborescentes in Situ Como Elementos Importantes na DefiniÃ§Ã£o de Modelos Deposicionais (FormaÃ§Ã£o Rio Bonito - Bacia do ParanÃ¡ - Brasil). Pesquisas Em Geociencias, 1999, 26, 49.	0.1	8
39	PadrÃµes EpidÃ©rmicos de Glossopteridales da Tafoflora do Faxinal (FormaÃ§Ã£o Rio Bonito -) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.1	8
40	Lenhos de conÃferas do MesocretÃ¡ceo do norte do MaranhÃ£o, Brasil. Revista Brasileira De Paleontologia, 2011, 14, 29-38.	0.4	8
41	Holocene Environmental Climatic Changes Based on Palynofacies and Organic Geochemical Analyses from an Inland Pond at Altitude in Southern Brazil. American Journal of Climate Change, 2014, 03, 95-117.	0.9	8
42	Agathoxylon santanensis sp. nov. from the Aptian Crato fossil LagerstÃtte, Santana Formation, Araripe Basin, Brazil. Journal of South American Earth Sciences, 2021, 112, 103633.	1.4	8
43	Hepaticites iporangae n. sp., Rio Bonito Formation, Early Permian (Sakmarian), ParanÃ¡ Basin, Brazil, Western Gondwana. Journal of Paleontology, 2011, 85, 360-368.	0.8	7
44	Relation between the sedimentary organic record and the climatic oscilations in the Holocene attested by palynofacies and organic geochemical analyses from a pond of altitude in southern Brazil. Anais Da Academia Brasileira De Ciencias, 2014, 86, 1077-1099.	0.8	7
45	A remarkable mass-assemblage of lycopsid remains from the Rio Bonito Formation, lower Permian of the ParanÃ¡ Basin, Rio Grande do Sul, Brazil. Palaeobiodiversity and Palaeoenvironments, 2018, 98, 369-384.	1.5	7
46	Variation in stomatal numbers of Glossopteris leaves from the Lower Permian of ParanÃ¡ Basin, Brazil. Revista Brasileira De Paleontologia, 2011, 14, 137-148.	0.4	7
47	Aptian shell beds from the Romualdo Formation (Araripe Basin): Implications for paleoenvironment and paleogeographical reconstruction of the Northeast of Brazil. Sedimentary Geology, 2021, 426, 106025.	2.1	7
48	Palynofacies and organic geochemistry studies of organic matter from a wetland system of southern Brazil influenced by different hydrological regimes in the Quaternary. Journal of South American Earth Sciences, 2014, 56, 41-53.	1.4	6
49	Multidisciplinary approach as a key for paleoenvironmental interpretation in a Weichselia-dominant interval from the late Aptian CodÃ³ Formation (ParnaÃba Basin, Brazil). Journal of South American Earth Sciences, 2021, 111, 103490.	1.4	6
50	Climate change during the deposition of the Aptian Santana Formation (Araripe Basin, Brazil): Preliminary data based on wood signatures. Journal of South American Earth Sciences, 2021, 111, 103462.	1.4	6
51	Paleobotany and Paleoclimatology. , 2005, , 179-202.		6
52	Wildfires in the Triassic of Gondwana ParanÃ¡ Basin. Journal of South American Earth Sciences, 2018, 82, 193-206.	1.4	5
53	Paleoclimatic implications of Lycophyta in the Gondwana of Southern Brazil. Pesquisas Em Geociencias, 1995, 22, 21.	0.1	5
54	RevisÃ£o fitoestratigrÃ¡fica do grupo ItararÃ© no Rio Grande do Sul: I. Acampamento velho, Cambai Grande, Budo e Morro PapalÃ©o. Boletim IG, 1980, 11, 55.	0.0	5

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55	Hepaticites iporangae Ricardi-Branco, Faria, Jasper, and Guerra-Sommer, 2011 from the early Permian of the ParanÃ¡ Basin, Brazil, is not a liverwort but a tracheophyte. Journal of Paleontology, 2016, 90, 632-639.	0.8	4
56	Not a lycopsid but a cycad-like plant: Iratinia australis gen. nov. et sp. nov. from the Irati Formation, Kungurian of the ParanÃ¡ Basin, Brazil. Review of Palaeobotany and Palynology, 2021, 289, 104415.	1.5	4
57	Rufloria Meyen em Sedimentos gondwanicos sulriograndenses (FormaÃ§Ã£o Rio Bonito, Super Grupo) Tj ETQq1 1 0.784314 rgBT /Ov	0.1	4
58	Paleoclimatic inferences based on wood growth interruptions in Late Triassic flood deposits from the southernmost Brazilian Gondwana. Revista Brasileira De Paleontologia, 2021, 24, 3-20.	0.4	3
59	Damudoxylon (Maheshwari) Maheshwari, 1972, Um GÃªnero Ocorrente no Gondwana do Brasil. Pesquisas Em Geociencias, 1977, 7, 131.	0.1	3
60	Fire events and vegetation dynamics during the late Pleistocene-Meghalayan interval in the southernmost Brazilian coastal plain. Revista Brasileira De Paleontologia, 2020, 23, 234-250.	0.4	3
61	ConsideraÃ§Ãµes sobre um afloramento fossilÃfero do Grupo ItararÃ©: Fazenda Goulart, Francisquinho, municÃpio de SÃ£o JerÃ´nimo, RS. Boletim IG, 0, 11, 85.	0.0	3
62	Epidermal morphology of the cordaitalean leaf Noeggerathiopsis brasiliensis nom. nov. from the southern ParanÃ¡ Basin (Lower Permian, Rio Bonito Formation) and paleoenvironmental considerations. Brazilian Journal of Geology, 2019, 49, .	0.7	2
63	The Artinskian SiderÃ³polis Member macroflora, Rio Bonito Formation and its stratigraphical correlation with other early Permian macrofloras of ParanÃ¡ Basin, Brazil. Geologia USP - Serie Cientifica, 2016, 16, 65.	0.3	2
64	Spongiophyton nas Bacias IntracratÃ´nicas Brasileiras. ConsideraÃ§Ãµes PaleoecolÃ³gicas e BioestratigrÃ¡ficas. Pesquisas Em Geociencias, 1993, 20, 70.	0.1	2
65	Faciologia da SequÃªncia Sedimentar nas Folhas de QuitÃ©ria e VÃ¡rzea do Capivarita, Rio Grande do Sul. Pesquisas Em Geociencias, 1991, 18, 31.	0.1	2
66	The stratigraphic significance of the Solenoid Complex in the Permian of Gondwana. Geologia USP - Serie Cientifica, 2014, 14, 139-148.	0.3	2
67	Permian Lycopsids from Brazil. , 2021, , 1-29.		1
68	Preserved cytoplasm in charred Agathoxylon-type wood from the Permian of Brazilian ParanÃ¡ Basin. Revista Brasileira De Paleontologia, 2018, 21, 112-119.	0.4	1
69	Tafoflora triÃ¡ssica da formaÃ§Ã£o Santa Maria, RS, Brasil: II. Representantes de pteridospermopsida e pteridophylla. Boletim IG - Universidade De Sao Paulo, Instituto De Geosciencias, 1984, 15, 105.	0.0	1
70	SÃNTESE DOS ESTUDOS ICNOLÃ“GICOS DO GRUPO ITARARÃ‰ NO RIO GRANDE DO SUL. Pesquisas Em Geociencias, 1989, 22, 71.	0.1	1
71	Record of Glossopterid Plants in the Southern Region of Brazil. , 2021, , 1-35.		0
72	Macro-charcoal como indicador de incÃªndios em turfeiras Permianas no Sul da Bacia do ParanÃ¡. , 0, , 273-288.		0

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73	Estudo de cutÃculas fÃ³sseis de glossopteridales do gondwana brasileiro em microscÃ³pio eletrÃ´nico de varredura. Boletim IG - Universidade De Sao Paulo, Instituto De Geosciencias, 1984, 15, 38.	0.0	0
74	Paleoclimatic inferences for the Holocene of southern Brazil in environments influenced by different hydrological systems. Acta Brasiliensis, 2020, 4, 99.	0.2	0
75	A Tafoflora TriÃ¡ssica da FormaÃ§Ã£o Santa Maria, RS, Brasil: III Dicroidium odontopteroides, Dicroidium zuberi e variaÃ§Ãµes relacionadas a estas espÃ©cies. Pesquisas Em Geociencias, 1985, 17, 215.	0.1	0
76	ContribuiÃ§Ã£o ao Estudo das ConÃferas do Gondwana Brasileiro. Pesquisas Em Geociencias, 1980, 13, 185.	0.1	0
77	REDESCOBERTA DO AFLORAMENTO CERRO CHATO, UM IMPORTANTE SÃTIO FOSSILÃFERO PARA O PERMIANO DA BACIA DO PARANÃ. Paleontologia Em Destaque, 2021, 36, 62-72.	0.3	0