

# Dilce F Rossetti

## List of Publications by Year in descending order

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116  
papers

3,401  
citations

117625  
34  
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182427  
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117  
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117  
docs citations

117  
times ranked

2582  
citing authors

#	ARTICLE	IF	CITATIONS
1	A large-scale domal relief due to intraplate neotectonic compression in central Amazonia. <i>Geomorphology</i> , 2022, 407, 108218.	2.6	2
2	Have the Amazonian lowlands evidenced late Pleistocene-Holocene compression?. <i>Journal of South American Earth Sciences</i> , 2021, 107, 103044.	1.4	5
3	The effect of global warming on the establishment of mangroves in coastal Louisiana during the Holocene. <i>Geomorphology</i> , 2021, 381, 107648.	2.6	24
4	Effects of Beach Nourishment Project on Coastal Geomorphology and Mangrove Dynamics in Southern Louisiana, USA. <i>Remote Sensing</i> , 2021, 13, 2688.	4.0	17
5	Effects of the 2017–2018 winter freeze on the northern limit of the American mangroves, Mississippi River delta plain. <i>Geomorphology</i> , 2021, , 107968.	2.6	9
6	Tectonics and drainage development in central Amazonia: The Juruá River. <i>Catena</i> , 2021, 206, 105560.	5.0	11
7	Postrift stress field inversion in the Potiguar Basin, Brazil – Implications for petroleum systems and evolution of the equatorial margin of South America. <i>Marine and Petroleum Geology</i> , 2020, 111, 88-104.	3.3	54
8	Delineation of main relief subdomains of central Amazonia for regional geomorphometric mapping with SRTM data. <i>Journal of South American Earth Sciences</i> , 2020, 104, 102842.	1.4	0
9	Neotectonics and tree mortality in a forest ecosystem of the Negro basin: Geomorphic evidence of contemporary seismicity in the intracratonic Brazilian Amazonia. <i>Geomorphology</i> , 2019, 329, 138-151.	2.6	13
10	Neotectonics in the South American passive margin: Evidence of Late Quaternary uplifting in the northern Paraíba Basin (NE Brazil). <i>Geomorphology</i> , 2019, 325, 1-16.	2.6	12
11	White sand vegetation in an Amazonian lowland under the perspective of a young geological history. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20181337.	0.8	10
12	The influence of late Quaternary sedimentation on vegetation in an Amazonian lowland megafan. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 1259-1279.	2.5	8
13	Did Sea-Level Changes Affect the Brazilian Amazon Forest during the Holocene?. <i>Radiocarbon</i> , 2018, 60, 91-112.	1.8	3
14	Unfolding long-term Late Pleistocene–Holocene disturbances of forest communities in the southwestern Amazonian lowlands. <i>Ecosphere</i> , 2018, 9, e02457.	2.2	7
15	Decadal-scale dynamics of an Amazonian mangrove caused by climate and sea level changes: Inferences from spatial–temporal analysis and digital elevation models. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 2876-2888.	2.5	18
16	Neogene–Quaternary fault reactivation influences coastal basin sedimentation and landform in the continental margin of NE Brazil. <i>Quaternary International</i> , 2017, 438, 92-107.	1.5	13
17	Regionalization of local geomorphometric derivations for geological mapping in the sedimentary domain of central Amazonia. <i>Computers and Geosciences</i> , 2017, 100, 46-56.	4.2	19
18	Late Holocene mangrove dynamics dominated by autogenic processes. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 2013-2023.	2.5	12

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19	Vegetation Change in Southwestern Amazonia (Brazil) and Relationship to the Late Pleistocene and Holocene Climate. Radiocarbon, 2017, 59, 69-89.	1.8	12
20	A tectonically-triggered late Holocene seismite in the southern Amazonian lowlands, Brazil. Sedimentary Geology, 2017, 358, 70-83.	2.1	26
21	Late Holocene tectonic influence on hydrology and vegetation patterns in a northern Amazonian megafan. Catena, 2017, 158, 121-130.	5.0	12
22	Paleoenvironmental Evolution of Continental Carbonates in West-Central Brazil. Anais Da Academia Brasileira De Ciencias, 2017, 89, 407-429.	0.8	9
23	Impact of sedimentary processes on white-sand vegetation in an Amazonian megafan. Journal of Tropical Ecology, 2016, 32, 498-509.	1.1	16
24	Millennial to secular time-scale impacts of climate and sea-level changes on mangroves from the Doce River delta, Southeastern Brazil. Holocene, 2016, 26, 1733-1749.	1.7	18
25	The role of tectonics and climate in the late Quaternary evolution of a northern Amazonian River. Geomorphology, 2016, 271, 22-39.	2.6	43
26	Genesis of the largest Amazonian wetland in northern Brazil inferred by morphology and gravity anomalies. Journal of South American Earth Sciences, 2016, 69, 1-10.	1.4	19
27	FitÃ3litos como indicadores de mudanÃ7as ambientais durante o Holoceno na costa norte do estado do EspÃrito Santo (Brasil). Quaternary and Environmental Geosciences, 2015, 6, .	0.1	0
28	Late quaternary dynamics in the Madeira river basin, southern Amazonia (Brazil), as revealed by paleomorphological analysis. Anais Da Academia Brasileira De Ciencias, 2015, 87, 29-49.	0.8	39
29	A multi-proxy evidence for the transition from estuarine mangroves to deltaic freshwater marshes, Southeastern Brazil, due to climatic and sea-level changes during the late Holocene. Catena, 2015, 128, 155-166.	5.0	46
30	Late Pleistoceneâ€“Holocene evolution of the Doce River delta, southeastern Brazil: Implications for the understanding of wave-influenced deltas. Marine Geology, 2015, 367, 171-190.	2.1	46
31	Relative sea-level and climatic changes in the Amazon littoral during the last 500 years. Catena, 2015, 133, 441-451.	5.0	14
32	Mapping vegetation in a late Quaternary landform of the Amazonian wetlands using object-based image analysis and decision tree classification. International Journal of Remote Sensing, 2015, 36, 3397-3422.	2.9	26
33	Mid-Late Pleistocene OSL chronology in western Amazonia and implications for the transcontinental Amazon pathway. Sedimentary Geology, 2015, 330, 1-15.	2.1	52
34	Understanding Amazonian fluvial rias based on a Late Pleistoceneâ€“Holocene analog. Earth Surface Processes and Landforms, 2015, 40, 285-292.	2.5	29
35	Classification of Vegetation over a Residual Megafan Landform in the Amazonian Lowland Based on Optical and SAR Imagery. Remote Sensing, 2014, 6, 10931-10946.	4.0	8
36	Imaging underwater neotectonic structures in the Amazonian lowland. Holocene, 2014, 24, 1269-1277.	1.7	10

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37	Fossil megafans evidenced by remote sensing in the Amazonian wetlands. Zeitschrift für Geomorphologie, 2014, 58, 145-161.	0.8	20
38	Late Pleistocene glacial forest of Humaitã - Western Amazonia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 415, 37-47.	2.3	39
39	Late Quaternary fluvial terrace evolution in the main southern Amazonian tributary. Catena, 2014, 116, 19-37.	5.0	42
40	Mapping Neogene and Quaternary sedimentary deposits in northeastern Brazil by integrating geophysics, remote sensing and geological field data. Journal of South American Earth Sciences, 2014, 56, 316-327.	1.4	11
41	The role of tectonics in the late Quaternary evolution of Brazil's Amazonian landscape. Earth-Science Reviews, 2014, 139, 362-389.	9.1	48
42	Neotectonic evolution of the Brazilian northeastern continental margin based on sedimentary facies and ichnology,. Quaternary Research, 2014, 82, 462-472.	1.7	21
43	Landscape evolution during the late Quaternary at the Doce River mouth, Espírito Santo State, Southeastern Brazil. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 415, 48-58.	2.3	48
44	Neotectonic reactivation of shear zones and implications for faulting style and geometry in the continental margin of NE Brazil. Tectonophysics, 2014, 614, 78-90.	2.2	62
45	Palynofacies and stable C and N isotopes of Holocene sediments from Lake Macuco (Linhares, Espírito Santo) Tj ETQq1 1 0.784314 rgBT /Ove Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 415, 69-82.	2.3	31
46	Relation between carbon isotopes of plants and soils on Marajó Island, a large tropical island: Implications for interpretation of modern and past vegetation dynamics in the Amazon region. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 415, 91-104.	2.3	10
47	Radar de penetração no solo aplicado à caracterizaç�o de estruturas tect�nicas mioc�nicas e quatern�rias no leste da ilha do Maraj� (PA). Brazilian Journal of Geology, 2014, 44, 55-72.	0.7	0
48	Object-based classification of vegetation and terrain topography in Southwestern Amazonia (Brazil) as a tool for detecting ancient fluvial geomorphic features. Computers and Geosciences, 2013, 60, 41-50.	4.2	13
49	Late Oligocene��Miocene transgressions along the equatorial and eastern margins of Brazil. Earth-Science Reviews, 2013, 123, 87-112.	9.1	132
50	The growth of the Doce River Delta in northeastern Brazil indicated by sedimentary facies and diatoms. Diatom Research, 2013, 28, 455-466.	1.2	18
51	Mangrove vegetation changes on Holocene terraces of the Doce River, southeastern Brazil. Catena, 2013, 110, 59-69.	5.0	36
52	Late Quaternary landscape evolution of northeastern Amazonia from pollen and diatom records. Anais Da Academia Brasileira De Ciencias, 2013, 85, 35-55.	0.8	12
53	From an Estuary to a Freshwater Lake: A Paleo-Estuary Evolution in the Context of Holocene Sea-Level Fluctuations, Southeastern Brazil. Radiocarbon, 2013, 55, .	1.8	2
54	Late Pleistocene and Holocene Vegetation, Climate Dynamics, and Amazonian taxa in the Atlantic Rainforest of Linhares, Southeastern Brazil. Radiocarbon, 2013, 55, .	1.8	0

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55	Neotectonics in Marajó Island, State of Pará (Brazil) revealed by vertical electric sounding integrated with remote sensing and geological data. <i>Anais Da Academia Brasileira De Ciencias</i> , 2013, 85, 73-86.	0.8	2
56	Discriminação dos depósitos cenozoicos da parte emergida da Bacia Paraibá (NE, Brasil) por meio de minerais pesados e granulometria. <i>Brazilian Journal of Geology</i> , 2013, 43, 555-570.	0.7	4
57	Effectiveness of SRTM and ALOS-PALSAR data for identifying morphostructural lineaments in northeastern Brazil. <i>International Journal of Remote Sensing</i> , 2012, 33, 1058-1077.	2.9	27
58	Influence of landscape evolution on the distribution of floristic patterns in northern Amazonia revealed by $^{13}C$ data. <i>Journal of Quaternary Science</i> , 2012, 27, 854-864.	2.1	13
59	Holocene palaeoenvironmental history of the Amazonian mangrove belt. <i>Quaternary Science Reviews</i> , 2012, 55, 50-58.	3.0	59
60	Topodata: Brazilian full coverage refinement of SRTM data. <i>Applied Geography</i> , 2012, 32, 300-309.	3.7	145
61	Neotectonics in the northern equatorial Brazilian margin. <i>Journal of South American Earth Sciences</i> , 2012, 37, 175-190.	1.4	27
62	Late Quaternary sedimentary dynamics in Western Amazonia: Implications for the origin of open vegetation/forest contrasts. <i>Geomorphology</i> , 2012, 177-178, 74-92.	2.6	41
63	The last mangroves of Marajó Island – Eastern Amazon: Impact of climate and/or relative sea-level changes. <i>Review of Palaeobotany and Palynology</i> , 2012, 187, 50-65.	1.5	43
64	A Late Pleistocene–Holocene wetland megafan in the Brazilian Amazonia. <i>Sedimentary Geology</i> , 2012, 282, 276-293.	2.1	24
65	Multitemporal Landsat data applied for deciphering a megafan in northern Amazonia. <i>International Journal of Remote Sensing</i> , 2012, 33, 6060-6075.	2.9	25
66	Late Quaternary vegetation and coastal environmental changes at Ilha do Cardoso mangrove, southeastern Brazil. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 363-364, 57-68.	2.3	46
67	Palaeoenvironmental control on modern forest composition of southwestern Marajó Island, Eastern Amazonia. <i>Water and Environment Journal</i> , 2012, 26, 70-84.	2.2	14
68	Contribution to the stratigraphy of the onshore Paraíba Basin, Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2012, 84, 313-334.	0.8	20
69	Late Quaternary sedimentation in the Paraíba Basin, Northeastern Brazil: Landform, sea level and tectonics in Eastern South America passive margin. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 300, 191-204.	2.3	42
70	Holocene coastal vegetation changes at the mouth of the Amazon River. <i>Review of Palaeobotany and Palynology</i> , 2011, 168, 21-30.	1.5	22
71	Sediment deformation in Miocene and post-Miocene strata, Northeastern Brazil: Evidence for paleoseismicity in a passive margin. <i>Sedimentary Geology</i> , 2011, 235, 172-187.	2.1	64
72	Multiple remote sensing techniques as a tool for reconstructing late Quaternary drainage in the Amazon lowland. <i>Earth Surface Processes and Landforms</i> , 2010, 35, 1234-1239.	2.5	21

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73	Facies, $\delta^{13}C$ , $\delta^{15}N$ and C/N analyses in a late Quaternary compound estuarine fill, northern Brazil and relation to sea level. <i>Marine Geology</i> , 2010, 274, 135-150.	2.1	21
74	Coexistence of forest and savanna in an Amazonian area from a geological perspective. <i>Journal of Vegetation Science</i> , 2010, 21, 120-132.	2.2	24
75	Tectonic control on the stratigraphic framework of Late Pleistocene and Holocene deposits in Marajó Island, State of Pará, eastern Amazonia. <i>Anais Da Academia Brasileira De Ciencias</i> , 2010, 82, 439-449.	0.8	7
76	Applying DEM-SRTM for reconstructing a late Quaternary paleodrainage in Amazonia. <i>Earth and Planetary Science Letters</i> , 2010, 297, 262-270.	4.4	64
77	Marine influence in the Barreiras Formation, State of Alagoas, northeastern Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2009, 81, 741-755.	0.8	27
78	Quaternary reactivation of a basement structure in the Barreirinhas Basin, Brazilian Equatorial Margin. <i>Quaternary Research</i> , 2009, 72, 103-110.	1.7	13
79	Applying SRTM digital elevation model to unravel Quaternary drainage in forested areas of Northeastern Amazonia. <i>Computers and Geosciences</i> , 2009, 35, 2331-2337.	4.2	24
80	Archaeological mounds in Marajó Island in northern Brazil: A geological perspective integrating remote sensing and sedimentology. <i>Geoarchaeology - an International Journal</i> , 2009, 24, 22-41.	1.5	33
81	Microfacies and sequence stratigraphy of the Amapá Formation, Late Paleocene to Early Eocene, Foz do Amazonas Basin, Brazil. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 280, 440-455.	2.3	4
82	Quaternary paleoenvironments and relative sea-level changes in Marajó Island (Northern Brazil): Facies, $\delta^{13}C$ , $\delta^{15}N$ and C/N. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 282, 19-31.	2.3	32
83	Quaternary tectonics in a passive margin: Marajó Island, northern Brazil. <i>Journal of Quaternary Science</i> , 2008, 23, 121-135.	2.1	41
84	Origin of the Rio Capim Kaolin based on optical (petrographic and SEM) data. <i>Journal of South American Earth Sciences</i> , 2008, 26, 329-341.	1.4	6
85	Palaeodrainage on Marajó Island, northern Brazil, in relation to Holocene relative sea-level dynamics. <i>Holocene</i> , 2008, 18, 923-934.	1.7	34
86	Late Quaternary drainage dynamics in northern Brazil based on the study of a large paleochannel from southwestern Marajó Island. <i>Anais Da Academia Brasileira De Ciencias</i> , 2008, 80, 579-593.	0.8	14
87	Distribuição de Sedimentos Póss-Barreiras no Norte do Brasil: implicações paleogeográficas. <i>Revista Brasileira De Geociências</i> , 2008, 38, 514-524.	0.1	27
88	Evolution of the lowest amazon basin modeled from the integration of geological and SRTM topographic data. <i>Catena</i> , 2007, 70, 253-265.	5.0	99
89	Origins of the Rio Capim kaolinites (northern Brazil) revealed by $\delta^{18}O$ and $\delta^2D$ analyses. <i>Applied Clay Science</i> , 2007, 37, 281-294.	5.2	14
90	Heavy mineral as a tool to refine the stratigraphy of kaolin deposits in the Rio Capim Area, Northern Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2007, 79, 457-471.	0.8	5

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91	An abandoned estuary within Marajó Island: Implications for late Quaternary paleogeography of northern Brazil. <i>Estuaries and Coasts</i> , 2007, 30, 813-826.	2.2	25
92	Avian gene trees, landscape evolution, and geology: towards a modern synthesis of Amazonian historical biogeography?. <i>Journal Fur Ornithologie</i> , 2007, 148, 443-453.	1.2	83
93	First evidence of marine influence in the Cretaceous of the Amazonas Basin, Brazil. <i>Cretaceous Research</i> , 2006, 27, 513-528.	1.4	18
94	Paleohydrology of an Upper Aptian lacustrine system from northeastern Brazil: Integration of facies and isotopic geochemistry. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 241, 247-266.	2.3	18
95	Petrography of gypsum-bearing facies of the Codó Formation (Late Aptian), Northern Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2006, 78, 557-572.	0.8	9
96	Biodiversity from a historical geology perspective: a case study from Marajo Island, lower Amazon. <i>Geobiology</i> , 2006, 4, 215-223.	2.4	10
97	Analysing the origin of the Upper Cretaceous–Lower Tertiary Rio Capim semi flint (Pará State, Brazil) under a sedimentologic perspective. <i>Sedimentary Geology</i> , 2006, 186, 133-144.	2.1	12
98	An Upper Aptian saline pan/lake system from the Brazilian equatorial margin: integration of facies and isotopes. <i>Sedimentology</i> , 2005, 52, 051110021051001-???	3.1	8
99	New geological framework for Western Amazonia (Brazil) and implications for biogeography and evolution. <i>Quaternary Research</i> , 2005, 63, 78-89.	1.7	202
100	D. Rossetti, P. Mann de Toledo, A.-M. GÃes, New geological framework for Western Amazonia (Brazil) and implications for biogeography and evolution, <i>Quaternary Research</i> 63 (2005) 78–89. <i>Quaternary Research</i> , 2005, 64, 279-282.	1.7	6
101	Linking lacustrine cycles with syn-sedimentary tectonic episodes: an example from the Codó Formation (late Aptian), northeastern Brazil. <i>Geological Magazine</i> , 2005, 142, 269-285.	1.5	18
102	Reconstructing habitats in central Amazonia using megafauna, sedimentology, radiocarbon, and isotope analyses. <i>Quaternary Research</i> , 2004, 61, 289-300.	1.7	50
103	Paleosurfaces from northeastern Amazonia as a key for reconstructing paleolandscapes and understanding weathering products. <i>Sedimentary Geology</i> , 2004, 169, 151-174.	2.1	65
104	Facies architecture in a tectonically influenced estuarine incised valley fill of Miocene age, northern Brazil. <i>Journal of South American Earth Sciences</i> , 2004, 17, 267-284.	1.4	38
105	Facies analysis of the Codó Formation (Late Aptian) in the Grajaú Area, Southern São Luís-Grajaú Basin. <i>Anais Da Academia Brasileira De Ciencias</i> , 2004, 76, 791-806.	0.8	23
106	Events of sediment deformation and mass failure in Upper Cretaceous estuarine deposits (Cametã) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.1	43
107	Delineating shallow Neogene deformation structures in northeastern Pará State using Ground Penetrating Radar. <i>Anais Da Academia Brasileira De Ciencias</i> , 2003, 75, 235-248.	0.8	9
108	Late Cenozoic sedimentary evolution in northeastern Pará, Brazil, within the context of sea level changes. <i>Journal of South American Earth Sciences</i> , 2001, 14, 77-89.	1.4	92

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109	Estratigrafia da sucessão sedimentar PÃ³s-Barreiras (Zona Bragantina, ParÃ¡) com base em radar de penetraÃ§Ã£o no solo. Revista Brasileira De Geofisica, 2001, 19, 113-130.	0.2	9
110	Tsunami-induced large-scale scour-and-fill structures in Late Albian to Cenomanian deposits of the GrajaÃº Basin, northern Brazil. Sedimentology, 2000, 47, 309-323.	3.1	39
111	Deciphering the sedimentological imprint of paleoseismic events: an example from the Aptian CodÃ³ Formation, northern Brazil. Sedimentary Geology, 2000, 135, 137-156.	2.1	84
112	Influence of low amplitude/high frequency relative sea-level changes in a wave-dominated estuary (Miocene), SÃ£o Luis Basin, northern Brazil. Sedimentary Geology, 2000, 133, 295-324.	2.1	36
113	Molar-Tooth Carbonates: Shallow Subtidal Facies of the Mid- to Late Proterozoic: Discussion. Journal of Sedimentary Research, 2000, 70, 1246-1248.	1.6	8
114	Soft-sediment deformation structures in late Albian to Cenomanian deposits, Sao Luis Basin, northern Brazil: evidence for palaeoseismicity. Sedimentology, 1999, 46, 1065-1081.	3.1	157
115	Facies Architecture and Sequential Evolution of an Incised-Valley Estuarine Fill: The Cujupe Formation (Upper Cretaceous to ?Lower Tertiary), SaO Luis Basin, Northern Brazil. Journal of Sedimentary Research, 1998, Vol. 68 (1998), .	1.6	1
116	Late Pleistoceneâ€“Holocene stress in the South American intraplate evidenced by tectonic instability in central Amazonia. Quaternary Research, 0, , 1-17.	1.7	3