

Viviane Bout Roumazeilles

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

2,292
citations

218381

26
h-index

223531

46
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56
all docs

56
docs citations

56
times ranked

3284
citing authors

#	ARTICLE	IF	CITATIONS
1	North-south palaeohydrological contrasts in the central Mediterranean during the Holocene: tentative synthesis and working hypotheses. <i>Climate of the Past</i> , 2013, 9, 2043-2071.	1.3	195
2	The origin of the 1500-year climate cycles in Holocene North-Atlantic records. <i>Climate of the Past</i> , 2007, 3, 569-575.	1.3	138
3	Orbital-scale climate forcing of grassland burning in southern Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5069-5073.	3.3	135
4	Evidence from wavelet analysis for a mid-Holocene transition in global climate forcing. <i>Quaternary Science Reviews</i> , 2009, 28, 2675-2688.	1.4	124
5	Connection between South Mediterranean climate and North African atmospheric circulation during the last 50,000yrBP North Atlantic cold events. <i>Quaternary Science Reviews</i> , 2007, 26, 3197-3215.	1.4	115
6	Paleodepositional conditions in the Orca Basin as inferred from organic matter and trace metal contents. <i>Marine Geology</i> , 2008, 254, 62-72.	0.9	112
7	Holocene vegetation and climate changes in the central Mediterranean inferred from a high-resolution marine pollen record (Adriatic Sea). <i>Climate of the Past</i> , 2013, 9, 2023-2042.	1.3	98
8	Sediment (grain size and clay mineralogy) and organic matter quality control on living benthic foraminifera. <i>Revue De Micropaleontologie</i> , 2009, 52, 75-84.	0.8	90
9	Deglacial and Holocene vegetation and climatic changes in the southern Central Mediterranean from a direct land-sea correlation. <i>Climate of the Past</i> , 2013, 9, 767-787.	1.3	78
10	A three-year time series of mineral dust deposits on the West African margin: Sedimentological and geochemical signatures and implications for interpretation of marine paleo-dust records. <i>Earth and Planetary Science Letters</i> , 2013, 364, 145-156.	1.8	66
11	Indirect and direct ²⁹ Si dynamic nuclear polarization of dispersed nanoparticles. <i>Chemical Communications</i> , 2013, 49, 2864-2866.	2.2	62
12	Clay mineral distributions in and around the Mississippi River watershed and Northern Gulf of Mexico: sources and transport patterns. <i>Quaternary Science Reviews</i> , 2008, 27, 1740-1751.	1.4	60
13	The 7-13 March 2006 major Saharan outbreak: Multiproxy characterization of mineral dust deposited on the West African margin. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	60
14	Iron availability as a dominant control on the primary composition and diagenetic overprint of organic-matter-rich rocks. <i>Chemical Geology</i> , 2015, 401, 67-82.	1.4	60
15	Clay mineral evidence of nepheloid layer contributions to the Heinrich layers in the northwest Atlantic. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999, 146, 211-228.	1.0	57
16	Changes in the strength of the Iceland-Scotland Overflow Water in the last 200,000 years: Evidence from magnetic anisotropy analysis of core SU90-33. <i>Earth and Planetary Science Letters</i> , 1997, 152, 25-36.	1.8	56
17	A possible capture of molybdenum during early diagenesis of dysoxic sediments. <i>Bulletin - Societe Geologique De France</i> , 2008, 179, 3-12.	0.9	54
18	Meiobenthos and free-living nematodes as tools for biomonitoring environments affected by riverine impact. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 251.	1.3	50

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19	Tracking atmospheric and riverine terrigenous supplies variability during the last glacial and the Holocene in central Mediterranean. <i>Climate of the Past</i> , 2013, 9, 1065-1087.	1.3	47
20	Carbonate Grain-Size Distribution in Hemipelagic Sediments from a Laser Particle Sizer. <i>Journal of Sedimentary Research</i> , 2001, 71, 858-862.	0.8	45
21	Changes in precipitation regimes over North America during the Holocene as recorded by mineralogy and geochemistry of Gulf of Mexico sediments. <i>Global and Planetary Change</i> , 2010, 74, 132-143.	1.6	42
22	Holocene glacier and deep water dynamics, Adálie Land region, East Antarctica. <i>Quaternary Science Reviews</i> , 2009, 28, 1291-1303.	1.4	38
23	Sedimentary evidence of deglacial megafloods in the northern Gulf of Mexico (Pigmy Basin). <i>Quaternary Science Reviews</i> , 2009, 28, 3333-3347.	1.4	35
24	Environmental changes, climate and anthropogenic impact in south-east Tunisia during the last 8 kyr. <i>Climate of the Past</i> , 2016, 12, 1339-1359.	1.3	35
25	Environmental control on shell structure and composition of agglutinated foraminifera along a proximal–distal transect in the Marmara Sea. <i>Marine Geology</i> , 2013, 335, 114-128.	0.9	32
26	Transfer of germanium to marine sediments: Insights from its accumulation in radiolarites and authigenic capture under reducing conditions. Some examples through geological ages. <i>Chemical Geology</i> , 2011, 282, 120-130.	1.4	29
27	Provenance of freshwater pulses in the Gulf of Mexico during the last deglaciation. <i>Quaternary Research</i> , 2010, 74, 235-245.	1.0	27
28	Contrasting rainfall patterns over North America during the Holocene and Last Interglacial as recorded by sediments of the northern Gulf of Mexico. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	26
29	Controls on detrital sedimentation in the Cariaco Basin during the last climatic cycle: insight from clay minerals. <i>Quaternary Science Reviews</i> , 2014, 94, 62-73.	1.4	24
30	Latitudinal control of astronomical forcing parameters on the high-resolution clay Mineral distribution in the 45°-60° N range in the North Atlantic Ocean during the past 300,000 years. <i>Paleoceanography</i> , 1997, 12, 671-686.	3.0	22
31	Does a strong pycnocline impact organic-matter preservation and accumulation in an anoxic setting? The case of the Orca Basin, Gulf of Mexico. <i>Comptes Rendus - Geoscience</i> , 2009, 341, 1-9.	0.4	20
32	Impacts of Mayan land use on Laguna Tuspán watershed (Petón, Guatemala) as seen through clay and ostracode analysis. <i>Journal of Archaeological Science</i> , 2014, 49, 372-382.	1.2	19
33	Paleoenvironmental evolution of the southern Neuquén basin (Argentina) during the Tithonian-Berriasian (Vaca Muerta and Picón Leufó Formations): a multi-proxy approach. <i>Bulletin - Societe Geologique De France</i> , 2017, 188, 34.	0.9	19
34	Clay mineralogy of surface sediments as a tool for deciphering river contributions to the Cariaco Basin (Venezuela). <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 750-761.	1.0	18
35	Environmental control on a land–sea transitional setting: integrated sedimentological, geochemical and faunal approaches. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	17
36	Significance of random illite-vermiculite mixed layers in Pleistocene sediments of the northwestern Atlantic Ocean. <i>Clay Minerals</i> , 2000, 35, 679-691.	0.2	16

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37	Atmospheric re-organization during Marine Isotope Stage 3 over the North American continent: sedimentological and mineralogical evidence from the Gulf of Mexico. <i>Quaternary Science Reviews</i> , 2013, 81, 62-73.	1.4	16
38	Reconstruction of palaeoenvironmental conditions of the Vaca Muerta formation in the southern part of the Neuqu�n Basin (Tithonian-Valanginian): Evidences of initial short-lived development of anoxia. <i>Marine and Petroleum Geology</i> , 2019, 103, 176-201.	1.5	16
39	Multiproxy approach for Holocene paleoenvironmental reconstructions from microorganisms (testate amoebae and foraminifera) and sediment analyses: The infilling of the Loire Valley in Nantes (France). <i>Holocene</i> , 2015, 25, 407-420.	0.9	14
40	New constraints on elemental and Pb and Nd isotope compositions of South American and Southern African aerosol sources to the South Atlantic Ocean. <i>Chemie Der Erde</i> , 2018, 78, 372-384.	0.8	14
41	The evolution of the Triassic-Jurassic Maliac oceanic lithosphere: insights from the supra-ophiolitic series of Othris (continental Greece). <i>Bulletin - Soci�t� Geologique De France</i> , 2015, 186, 399-411.	0.9	13
42	Syn depositional glauconite as a paleoenvironmental proxy - the lower Cenomanian Chalk of Cap Blanc Nez (N-France). <i>Chemical Geology</i> , 2021, 584, 120508.	1.4	9
43	Unexpectedly low organic matter content in Cariaco Basin sediments during the Younger Dryas: Origin and implications. <i>Comptes Rendus - Geoscience</i> , 2011, 343, 351-359.	0.4	6
44	Small-scaled lateral variations of an organic-rich formation in a ramp-type depositional environment (the Late Jurassic of the Boulonnais, France): impact of the clastic supply. <i>Bulletin - Soci�t� Geologique De France</i> , 2017, 188, 31.	0.9	6
45	Source-to-sink pathways of clay minerals in the cadiz contourite system over the last 25 kyrs: The segregational role of mediterranean outflow water. <i>Marine Geology</i> , 2022, 443, 106697.	0.9	6
46	Testing provenance diagrams: Lessons from the well-constrained Cariaco Basin. <i>Chemical Geology</i> , 2014, 389, 91-103.	1.4	5
47	Nd-Sr-Pb Evidence of Glacial-Interglacial Variations in Clay Provenance and Transport in the North Atlantic Ocean. <i>Mineralogical Magazine</i> , 1998, 62A, 215-216.	0.6	5
48	Assessing controls on organic matter enrichments in hemipelagic marls of the Aptian-Lower Albian Blue Marls of the Vocontian Basin (France): an unexpected variability observed from multiple ��organic-rich�� levels. <i>Bulletin - Soci�t� Geologique De France</i> , 2022, 193, 2.	0.9	5
49	Reprint of: Impacts of Mayan land use on Laguna Tusp�jn watershed (Pet�n, Guatemala) as seen through clay and ostracode analysis. <i>Journal of Archaeological Science</i> , 2015, 54, 410-420.	1.2	4
50	Radiogenic isotopic and clay mineralogical signatures of terrigenous particles as water-mass tracers: New insights into South Atlantic deep circulation during the last termination. <i>Quaternary Science Reviews</i> , 2020, 228, 106089.	1.4	4
51	Turbidite��induced re��oxygenation episodes of the sediment��water interface in a diverticulum of the Tethys Ocean during the Oceanic Anoxic Event 1a: The French Vocontian Basin. <i>Depositional Record</i> , 2020, 6, 352-382.	0.8	4
52	Sedimentary pyrite as a trap of organic matter: preliminary results from large-framboid observation. <i>European Journal of Mineralogy</i> , 2022, 34, 77-83.	0.4	3
53	Major Element Signatures of Silicate Dust Deposited on the West African Margin: Links With Transport Patterns and Provenance Regions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035030.	1.2	0