

Alain P G Trentesaux

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54
papers

2,163
citations

26
h-index

46
g-index

55
ext. papers

2,416
ext. citations

3.3
avg, IF

4.27
L-index

#	Paper	IF	Citations
54	Clay mineral assemblages in the northern South China Sea: implications for East Asian monsoon evolution over the past 2 million years. <i>Marine Geology</i> , 2003 , 201, 133-146	3.3	184
53	Climatic and tectonic controls on weathering in south China and Indochina Peninsula: Clay mineralogical and geochemical investigations from the Pearl, Red, and Mekong drainage basins. <i>Geochemistry, Geophysics, Geosystems</i> , 2007 , 8, n/a-n/a	3.6	159
52	Pleistocene forced regressions and tidal sand ridges in the East China Sea. <i>Marine Geology</i> , 2002 , 188, 293-315	3.3	150
51	The origin of the 1500-year climate cycles in Holocene North-Atlantic records. <i>Climate of the Past</i> , 2007 , 3, 569-575	3.9	118
50	Flood and earthquake disturbance of 210Pb geochronology (Lake Anterne, NW Alps). <i>Terra Nova</i> , 2002 , 14, 225-232	3	115
49	Erosional history of the eastern Tibetan Plateau since 190 kyr ago: clay mineralogical and geochemical investigations from the southwestern South China Sea. <i>Marine Geology</i> , 2004 , 209, 1-18	3.3	113
48	Sediment sources and East Asian monsoon intensity over the last 450 ky. Mineralogical and geochemical investigations on South China Sea sediments. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005 , 228, 260-277	2.9	100
47	Late Quaternary climatic control on erosion and weathering in the eastern Tibetan Plateau and the Mekong Basin. <i>Quaternary Research</i> , 2005 , 63, 316-328	1.9	78
46	Sedimentary responses to the Pleistocene climatic variations recorded in the South China Sea. <i>Quaternary Research</i> , 2007 , 68, 162-172	1.9	66
45	Sediment (grain size and clay mineralogy) and organic matter quality control on living benthic foraminifera. <i>Revue De Micropaleontologie</i> , 2009 , 52, 75-84	1.4	64
44	Internal architecture and mobility of tidal sand ridges in the East China Sea. <i>Continental Shelf Research</i> , 2007 , 27, 1820-1834	2.4	63
43	North western Alps Holocene paleohydrology recorded by flooding activity in Lake Le Bourget, France. <i>Quaternary Science Reviews</i> , 2010 , 29, 2185-2200	3.9	62
42	Clay minerals in surface sediments of the Pearl River drainage basin and their contribution to the South China Sea. <i>Science Bulletin</i> , 2007 , 52, 1101-1111		61
41	Architecture and long term evolution of a tidal sandbank: The Middelkerke Bank (southern North Sea). <i>Marine Geology</i> , 1994 , 121, 57-72	3.3	56
40	Types of internal structure and external morphology of submarine dunes under the influence of tide- and wind-driven processes (Dover Strait, northern France). <i>Marine Geology</i> , 2004 , 211, 143-168	3.3	52
39	Short-term (2 yrs) estuarine mudflat and saltmarsh sedimentation: High-resolution data from ultrasonic altimetry, rod surface-elevation table, and filter traps. <i>Estuarine, Coastal and Shelf Science</i> , 2009 , 83, 475-484	2.9	48
38	Sedimentology and stratigraphy of a tidal sand bank in the southern North Sea. <i>Marine Geology</i> , 1999 , 159, 253-272	3.3	48

37	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	4.2	47
36	Storm influences on a tidal sandbank's surface (Middelkerke Bank, southern North Sea). <i>Marine Geology</i> , 1994 , 121, 23-41	3.3	44
35	Carbonate Grain-Size Distribution in Hemipelagic Sediments from a Laser Particle Sizer. <i>Journal of Sedimentary Research</i> , 2001 , 71, 858-862	2.1	34
34	The 2.1 Ga old Francevillian biota: biogenicity, taphonomy and biodiversity. <i>PLoS ONE</i> , 2014 , 9, e99438	3.7	33
33	Major element geochemistry of glass shards and minerals of the Youngest Toba Tephra in the southwestern South China Sea. <i>Journal of Asian Earth Sciences</i> , 2006 , 27, 99-107	2.8	33
32	Two-stage opening of the Dover Strait and the origin of island Britain. <i>Nature Communications</i> , 2017 , 8, 15101	17.4	32
31	Palaeo-ecological quality status based on foraminifera of Boulogne-sur-Mer harbour (Pas-de-Calais, Northeastern France) over the last 200 years. <i>Marine Environmental Research</i> , 2016 , 117, 32-43	3.3	29
30	Surficial sedimentology of the Middelkerke Bank (southern North Sea). <i>Marine Geology</i> , 1994 , 121, 43-55	3.3	28
29	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	3.3	26
28	Organism motility in an oxygenated shallow-marine environment 2.1 billion years ago. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 3431-3436	11.5	25
27	Influence des tempêtes sur la mobilité des dunes tidales dans le détroit du Pas-de-Calais. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeenne De Oceanologie</i> , 2000 , 23, 129-141		24
26	Controls on organic accumulation in late Jurassic shales of northwestern Europe as inferred from trace-metal geochemistry. <i>Bulletin - Societe Geologique De France</i> , 2004 , 175, 491-506	2.3	21
25	Quaternary clay mineralogy in the northern South China Sea (ODP Site 1146). <i>Science in China Series D: Earth Sciences</i> , 2003 , 46, 1223-1235		21
24	Clay mineral records of East Asian monsoon evolution during late Quaternary in the southern South China Sea. <i>Science in China Series D: Earth Sciences</i> , 2005 , 48, 84-92		21
23	Streamlined islands and the English Channel megaflood hypothesis. <i>Global and Planetary Change</i> , 2015 , 135, 190-206	4.2	20
22	Nanoscale analysis of preservation of ca. 2.1 Ga old Francevillian microfossils, Gabon. <i>Precambrian Research</i> , 2017 , 301, 1-18	3.9	18
21	Bacterial calcification as a possible trigger for francolite precipitation under sulfidic conditions. <i>Comptes Rendus - Geoscience</i> , 2010 , 342, 27-35	1.4	16
20	Does elevation matter? Living foraminiferal distribution in a hyper tidal salt marsh (Canche Estuary, Northern France). <i>Estuarine, Coastal and Shelf Science</i> , 2017 , 194, 192-204	2.9	14

19	Environmental control on a land-sea transitional setting: integrated sedimentological, geochemical and faunal approaches. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	14
18	Fault activity in the epicentral area of the 1580 Dover Strait (Pas-de-Calais) earthquake (northwestern Europe). <i>Geophysical Journal International</i> , 2015 , 201, 528-542	2.6	14
17	A Jurassic counterpart for modern kopara of the Pacific atolls.: <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000 , 156, 277-288	2.9	13
16	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	2.6	11
15	Unusual microbial mat-related structural diversity 2.1 billion years ago and implications for the Francevillian biota. <i>Geobiology</i> , 2018 , 16, 476-497	4.3	11
14	Early diagenetic carbonate bed formation at the sediment-water interface triggered by syndimentary faults. <i>Chemical Geology</i> , 2012 , 300-301, 1-13	4.2	11
13	Infilling of the Canche Estuary (eastern English Channel, France): Insight from benthic foraminifera and historical pictures. <i>Marine Micropaleontology</i> , 2018 , 142, 1-12	1.7	11
12	Jurassic lagoonal environments and quasi-abiotic platy limestone accumulation: microbial interventions. <i>Sedimentology</i> , 1999 , 46, 1183-1197	3.3	10
11	Depositional setting of the 2.1 Ga Francevillian macrobiota (Gabon): Rapid mud settling in a shallow basin swept by high-density sand flows. <i>Sedimentology</i> , 2018 , 65, 670-701	3.3	9
10	3D architecture of Quaternary sediment along the NW Atlantic Moroccan Rharb continental shelf: A stratal pattern under the dual control of tectonics and climatic variations. <i>Marine and Petroleum Geology</i> , 2014 , 49, 129-142	4.7	9
9	The role of the early diagenetic dolomitic concretions in the preservation of the 2.1-Ga paleoenvironmental signal: The Paleoproterozoic of the Franceville Basin, Gabon. <i>Comptes Rendus - Geoscience</i> , 2016 , 348, 609-618	1.4	7
8	Controls on Organic Accumulation in Upper Jurassic Shales of Northwestern Europe as Inferred from Trace-Metal Geochemistry 2011 , 145-164		6
7	Middle-Late Pleistocene landscape evolution of the Dover Strait inferred from buried and submerged erosional landforms. <i>Quaternary Science Reviews</i> , 2019 , 203, 209-232	3.9	6
6	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 - Societe Geologique De France</i> , 2017 , 188, 31	2.3	4
5	Paleoclimate Changes during the Early Oligocene in the Hoh Xil Region, Northern Tibetan Plateau. <i>Acta Geologica Sinica</i> , 2010 , 77, 504-513	0.7	3
4	Traceurs sédimentaires des variations du niveau marin et de la mousson sud-est asiatique depuis 450 ka en mer de Chine du Sud. <i>Comptes Rendus - Geoscience</i> , 2008 , 340, 367-378	1.4	1
3	Reply to the Discussion by B. Pratt on Depositional setting of the 2.1 Ga Francevillian macrobiota (Gabon): Rapid mud settling in a shallow basin swept by high-density sand flows by Reynaud et al. (2018) <i>Sedimentology</i> , 65, 670-701. <i>Sedimentology</i> , 2019 , 66, 777-779	3.3	
2	Tidally-modulated infilling of a large coastal plain during the Holocene; the case of the French Flemish Coastal plain 2016 , 243-260		

- 1 Late Mississippian limestone sedimentary environment in southern Pembrokeshire (Bullslaughter Bay, Wales): evidence of meteoric diagenesis and hypersaline features. *Geological Magazine*, **2021**, 158, 759-786 2