

Jean-Pierre Suc

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4888929/publications.pdf>

Version: 2024-02-01

76
papers

4,580
citations

109137

35
h-index

102304

66
g-index

81
all docs

81
docs citations

81
times ranked

3644
citing authors

#	ARTICLE	IF	CITATIONS
1	Origin and evolution of the Mediterranean vegetation and climate in Europe. <i>Nature</i> , 1984, 307, 429-432.	13.7	604
2	Alternate interpretation of the Messinian salinity crisis: Controversy resolved?. <i>Geology</i> , 1996, 24, 363.	2.0	392
3	Miocene to Pliocene vegetation reconstruction and climate estimates in the Iberian Peninsula from pollen data. <i>Review of Palaeobotany and Palynology</i> , 2010, 162, 403-415.	0.8	217
4	Lithospheric-scale geodynamic context of the Messinian salinity crisis. <i>Sedimentary Geology</i> , 2006, 188-189, 9-33.	1.0	189
5	How much did climate force the Messinian salinity crisis? Quantified climatic conditions from pollen records in the Mediterranean region. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 238, 281-301.	1.0	173
6	A method for climatic reconstruction of the Mediterranean Pliocene using pollen data. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1998, 144, 183-201.	1.0	149
7	Influence of Mediterranean sea-level changes on the Dacic Basin (Eastern Paratethys) during the late Neogene: the Mediterranean Lago Mare facies deciphered. <i>Basin Research</i> , 2005, 17, 437-462.	1.3	147
8	Climate and biomes in the West Mediterranean area during the Pliocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999, 152, 15-36.	1.0	136
9	A two-step process for the reflooding of the Mediterranean after the Messinian Salinity Crisis. <i>Basin Research</i> , 2012, 24, 125-153.	1.3	134
10	Plio-Pleistocene correlations between the northwestern Mediterranean region and northwestern Europe according to recent biostratigraphic and palaeoclimatic data. <i>Boreas</i> , 1983, 12, 153-166.	1.2	115
11	Middle Miocene latitudinal climatic gradient in Western Europe: Evidence from pollen records. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 253, 208-225.	1.0	112
12	Messinian erosional and salinity crises: View from the Provence Basin (Gulf of Lions, Western) <i>Terra Nova</i> , 2000, 12, 109-119.	1.8	109
13	Pliocene and Lower Pleistocene vegetation and climate changes at the European scale: Long pollen records and climatostratigraphy. <i>Quaternary International</i> , 2010, 219, 152-167.	0.7	90
14	The significance of pollen signal in present-day marine terrigenous sediments: The example of the Gulf of Lions (western Mediterranean Sea). <i>Geobios</i> , 2007, 40, 159-172.	0.7	78
15	Timing and progression of climatic, tectonic and glacioeustatic influences on the Messinian Salinity Crisis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 202, 59-66.	1.0	68
16	Anatolia: A long-time plant refuge area documented by pollen records over the last 23 million years. <i>Review of Palaeobotany and Palynology</i> , 2015, 215, 1-22.	0.8	65
17	Vegetation, climate and palaeoaltitude reconstructions of the Eastern Alps during the Miocene based on pollen records from Austria, Central Europe. <i>Journal of Biogeography</i> , 2008, 35, 1638-1649.	1.4	63
18	Evolution of the Messinian Mediterranean environments: the Tripoli Formation at Capodarso (Sicily) <i>Terra Nova</i> , 2000, 12, 60-69.	1.8	60

#	ARTICLE	IF	CITATIONS
19	A contribution to deciphering the meaning of AP/NAP with respect to vegetation cover. Review of Palaeobotany and Palynology, 2008, 148, 13-35.	0.8	59
20	Pollen records and climatic cycles in the North Mediterranean region since 2.7 Ma. Geological Society Special Publication, 2005, 247, 147-158.	0.8	54
21	Subtropical climate conditions and mangrove growth in Arctic Siberia during the early Eocene. Geology, 2017, 45, 539-542.	2.0	53
22	New insights on the Sorbas Basin (SE Spain): The onshore reference of the Messinian Salinity Crisis. Marine and Petroleum Geology, 2015, 66, 71-100.	1.5	52
23	Seasonality intensification and long-term winter cooling as a part of the Late Pliocene climate development. Earth and Planetary Science Letters, 2006, 241, 174-187.	1.8	51
24	Modelling Late Miocene vegetation in Europe: Results of the CARAIB model and comparison with palaeovegetation data. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 304, 359-378.	1.0	51
25	Lago Mare and the Messinian Salinity Crisis: Evidence from the Alboran Sea (S. Spain). Marine and Petroleum Geology, 2014, 52, 57-76.	1.5	51
26	Tectonic and climatic controls on coastal sedimentation: The Late Pliocene-Middle Pleistocene of northeastern Rhodes, Greece. Sedimentary Geology, 2006, 187, 159-181.	1.0	50
27	Early Pleistocene climate changes in the central Mediterranean region as inferred from integrated pollen and planktonic foraminiferal stable isotope analyses. Quaternary Research, 2007, 67, 264-274.	1.0	49
28	Paleobiological Evidence of Depositional Conditions in the Salt Member, Gessoso-Solfifera Formation (Messinian, Upper Miocene) of Sicily. Micropaleontology, 1998, 44, 413.	0.3	46
29	Messinian evaporite deposition during sea level rise in the Gulf of Lions (Western Mediterranean). Marine and Petroleum Geology, 2015, 66, 262-277.	1.5	42
30	Messinian palaeoenvironments and hydrology in Sicily (Italy): The dinoflagellate cyst record. Geobios, 2007, 40, 233-250.	0.7	41
31	Vegetation dynamics in southern France during the last 30kyBP in the light of marine palynology. Quaternary Science Reviews, 2007, 26, 1037-1054.	1.4	40
32	The Messinian Salinity Crisis in the Dardanelles region: Chronostratigraphic constraints. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 278, 24-39.	1.0	40
33	Earliest Zanclean age for the Colombacci and uppermost Di Tetto formations of the "latest Messinian" northern Apennines: New palaeoenvironmental data from the Maccarone section (Marche Province). Tj ETQq1 1 0.784314 rg37 / Over	0.784314	37
34	The Messinian Salinity Crisis in the Dacic Basin (SW Romania) and early Zanclean Mediterranean-Eastern Paratethys high sea-level connection. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 310, 256-272.	1.0	37
35	Changes in vegetation and marine environments in the eastern Mediterranean (Rhodes, Greece) during the Early and Middle Pleistocene. Journal of the Geological Society, 2007, 164, 1119-1131.	0.9	35
36	The use of pollen floras as a tool to estimate palaeoaltitude of mountains: The eastern Pyrenees in the Late Neogene, a case study. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 321-322, 41-54.	1.0	35

#	ARTICLE	IF	CITATIONS
37	Lago Mare episodes around the Messinian–Zanclean boundary in the deep southwestern Mediterranean. <i>Marine and Petroleum Geology</i> , 2015, 66, 55-70.	1.5	35
38	The Zambezi delta (Mozambique channel, East Africa): High resolution dating combining bio- orbital and seismic stratigraphies to determine climate (palaeoprecipitation) and tectonic controls on a passive margin. <i>Marine and Petroleum Geology</i> , 2019, 105, 293-312.	1.5	35
39	Analyse pollinique des dépôts lacustres du Pliocène inférieur de Banyoles (Baix Llobregat, site de la Billa) méditerranéennes d'Europe occidentale. <i>Geobios</i> , 1980, 13, 5-19.	0.7	34
40	A new approach for palaeoaltitude estimates based on pollen records: example of the Mercantour Massif (southeastern France) at the earliest Pliocene. <i>Earth and Planetary Science Letters</i> , 1999, 170, 35-47.	1.8	34
41	Quantifying the Eocene to Pleistocene topographic evolution of the southwestern Alps, France and Italy. <i>Earth and Planetary Science Letters</i> , 2015, 412, 220-234.	1.8	34
42	Messinian vegetation maps of the Mediterranean region using models and interpolated pollen data. <i>Geobios</i> , 2007, 40, 433-443.	0.7	33
43	Tectonic inversion of an asymmetric graben: Insights from a combined field and gravity survey in the Sorbas basin. <i>Tectonics</i> , 2014, 33, 1360-1385.	1.3	31
44	Present-Day Rhythmic Deposition in the Grand Rhone Prodelta (NW Mediterranean) According to High-Resolution Pollen Analyses. <i>Journal of Coastal Research</i> , 2005, 212, 292-306.	0.1	29
45	Messinian deposits and erosion in northern Tunisia: inferences on Strait of Sicily during the Messinian Salinity Crisis. <i>Terra Nova</i> , 2009, 21, 41-48.	0.9	29
46	Marine gateway vs. fluvial stream within the Balkans from 6 to 5Ma. <i>Marine and Petroleum Geology</i> , 2015, 66, 231-245.	1.5	29
47	Early Pliocene vegetation changes forced by eccentricity-precession. Example from Southwestern Romania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 238, 340-348.	1.0	27
48	A strong east–west Mediterranean divergence supports a new phylogeographic history of the carob tree (<i>Ceratonia siliqua</i> , Leguminosae) and multiple domestications from native populations. <i>Journal of Biogeography</i> , 2020, 47, 460-471.	1.4	27
49	Pollen record and integrated high-resolution chronology of the early Pliocene Dacic Basin (southwestern Romania). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 238, 78-90.	1.0	26
50	The Crotona series: A synthesis and new data. <i>Quaternary International</i> , 2010, 219, 121-133.	0.7	26
51	The region of the Strandja Sill (North Turkey) and the Messinian events. <i>Marine and Petroleum Geology</i> , 2015, 66, 149-164.	1.5	25
52	High resolution climate and vegetation simulations of the Late Pliocene, a model-data comparison over western Europe and the Mediterranean region. <i>Climate of the Past</i> , 2009, 5, 585-606.	1.3	22
53	Palynology of the northwestern Mediterranean shelf (Gulf of Lions): First vegetational record for the last climatic cycle. <i>Marine and Petroleum Geology</i> , 2005, 22, 845-863.	1.5	21
54	The Roussillon Basin (S. France): A case-study to distinguish local and regional events between 6 and 3Ma. <i>Marine and Petroleum Geology</i> , 2015, 66, 18-40.	1.5	21

#	ARTICLE	IF	CITATIONS
55	The Apennine foredeep (Italy) during the latest Messinian: Lago Mare reflects competing brackish and marine conditions based on calcareous nannofossils and dinoflagellate cysts. <i>Geobios</i> , 2017, 50, 237-257.	0.7	20
56	Contribution a l'etude paleofloristique des Coirons (Ardeche); premieres analyses polliniques dans les alluvions sous-basaltiques et interbasaltiques de Mirabel (Miocene superieur). <i>Bulletin - Societe Geologique De France</i> , 1975, S7-XVII, 820-827.	0.9	19
57	High-resolution vegetation history of West Africa during the last 145 ka. <i>Geobios</i> , 2014, 47, 183-198.	0.7	19
58	High-resolution evolution of terrigenous sediment yields in the Provence Basin during the last 6Ma: relation with climate and tectonics. <i>Basin Research</i> , 2017, 29, 305-339.	1.3	19
59	The environmental setting of the harbor of the classical site of Oeniades on the Acheloos delta, Greece. <i>Geoarchaeology - an International Journal</i> , 2005, 20, 285-302.	0.7	17
60	Histoire plio-pliocène des écosystèmes végétaux de Méditerranée sud-occidentale: apport de l'analyse pollinique de deux sondages en mer d'Alboran. <i>Geobios</i> , 2011, 44, 57-69.	0.7	17
61	3D modelling of the Sorbas Basin (Spain): New constraints on the Messinian Erosional Surface morphology. <i>Marine and Petroleum Geology</i> , 2015, 66, 101-116.	1.5	16
62	The Messinian Ebro River incision. <i>Global and Planetary Change</i> , 2019, 181, 102988.	1.6	15
63	Messinian-Zanclean canyons in the Digne nappe (southwestern Alps): tectonic implications. <i>Bulletin - Societe Geologique De France</i> , 2011, 182, 111-132.	0.9	13
64	Subtropical mangrove and evergreen forest reveal Paleogene terrestrial climate and physiography at the North Pole. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 551, 109755.	1.0	12
65	Neogene evolution and demise of the Amazon carbonate platform, Amazon continental margin, Brazil. <i>Marine and Petroleum Geology</i> , 2019, 105, 185-203.	1.5	11
66	Marine reflooding of the Mediterranean after the Messinian Salinity Crisis predates the Zanclean GSSP. Reply to the "Comment on "Earliest Zanclean age for the Colombacci and uppermost Di Tetto formations of the latest Messinian northern Apennines: New palaeoenvironmental data from the Maccarone section (Marche Province, Italy)" by Popescu et al. (2007) <i>Geobios</i> 40 (359-373)" authored by Roveri et al.. <i>Geobios</i> , 2008, 41, 657-660.	0.7	9
67	Crustal Strain in the Marmara Pull-Apart Region Associated With the Propagation Process of the North Anatolian Fault. <i>Tectonics</i> , 2018, 37, 1507-1523.	1.3	9
68	<i>Ceratolithus acutus</i> (= <i>C. armatus</i>), calcareous nannofossil marker of the marine reflooding that terminated the Messinian salinity crisis: Comment on "Paratethyan ostracods in the Spanish Lago-Mare: More evidence for interbasinal exchange at high Mediterranean sea level" by . <i>Palaeogeogr., Palaeoclimatol., Palaeoecol.</i> 441, 854-870. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 986-989.	1.0	8
69	Mangrove distribution and diversity during three Cenozoic thermal maxima in the Northern Hemisphere (pollen records from the Arctic "North Atlantic" Mediterranean regions). <i>Journal of Biogeography</i> , 2021, 48, 2771-2784.	1.4	8
70	Fossil mega- and micro-flora from Bernasso (Early Pleistocene, southern France): A multimethod comparative approach for paleoclimatic reconstruction. <i>Review of Palaeobotany and Palynology</i> , 2019, 267, 54-61.	0.8	7
71	Pre-Zanclean end of the Messinian Salinity Crisis: new evidence from central Mediterranean reference sections. <i>Journal of the Geological Society</i> , 2021, 178, .	0.9	7
72	Objective utilization of data from <sc>DSDP</sc> Site 380 (Black Sea). <i>Terra Nova</i> , 2016, 28, 228-229.	0.9	6

#	ARTICLE	IF	CITATIONS
73	Pliocene uplift of the Massif Central (France) constrained by the palaeoelevation quantified from the pollen record of sediments preserved along the Cantal Stratovolcano (Murat area). <i>Journal of the Geological Society</i> , 2020, 177, 923-938.	0.9	4
74	Structural and sedimentary origin of the Gargano - Pelagosa gateway and impact on sedimentary evolution during the Messinian Salinity Crisis. <i>Earth-Science Reviews</i> , 2022, 232, 104114.	4.0	4
75	Late Quaternary vegetation and climate of SE Europe–NW Asia according to pollen records in three offshore cores from the Black and Marmara seas. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2021, 101, 197-212.	0.6	3
76	Reply to the comment on the paper “Lago Mare and the Messinian Salinity Crisis: Evidence from the Alboran Sea (S. Spain) by Do Couto et al. (2014) <i>Marine and Petroleum Geology</i> 52 (57–76) authored by Serrano and Guerra-Merchán. <i>Marine and Petroleum Geology</i> , 2015, 65, 340-342.	1.5	0