Suzanne A G Leroy

List of Publications by Year
in descending order

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109 papers	4,281 citations	94433 37 h-index	128289 60 g-index
120 all docs	120 docs citations	120 times ranked	4145 citing authors

#	Article	IF	Citations
1	Steppes, savannahs, forests and phytodiversity reservoirs during the Pleistocene in the Iberian Peninsula. Review of Palaeobotany and Palynology, 2010, 162, 427-457.	1.5	203
2	A late Pleistocene long pollen record from Lake Urmia, Nw Iran. Quaternary Research, 2008, 69, 413-420.	1.7	197
3	Late Quaternary palynology in marine sediments: A synthesis of the understanding of pollen distribution patterns in the NW African setting. Quaternary International, 2006, 148, 29-44.	1.5	158
4	Glacial refugia for summerâ€green trees in Europe and southâ€west Asia as proposed by ECHAM3 timeâ€slice atmospheric model simulations. Journal of Biogeography, 2007, 34, 2115-2128.	3.0	127
5	Process length variation in cysts of a dinoflagellate, Lingulodinium machaerophorum, in surface sediments: Investigating its potential as salinity proxy. Marine Micropaleontology, 2009, 70, 54-69.	1.2	123
6	AMS radiocarbon dating of annually laminated sediments from lake Holzmaar, Germany. Quaternary Science Reviews, 1995, 14, 137-143.	3.0	119
7	Realising consilience: How better communication between archaeologists, historians and natural scientists can transform the study of past climate change in the Mediterranean. Quaternary Science Reviews, 2016, 136, 5-22.	3.0	113
8	River inflow and salinity changes in the Caspian Sea during the last 5500 years. Quaternary Science Reviews, 2007, 26, 3359-3383.	3.0	106
9	Vegetation context and climatic limits of the Early Pleistocene hominin dispersal in Europe. Quaternary Science Reviews, 2011, 30, 1448-1463.	3.0	102
10	The European Modern Pollen Database (EMPD) project. Vegetation History and Archaeobotany, 2013, 22, 521-530.	2.1	101
11	Holocene vegetation history and sea level changes in the SE corner of the Caspian Sea: relevance to SW Asia climate. Quaternary Science Reviews, 2013, 70, 28-47.	3.0	94
12	Near East Desertification: Evidence from the Dead Sea. Die Naturwissenschaften, 1997, 84, 398-401.	1.6	90
13	Two-step deglaciation at the oxygen isotope stage 6/5E transition: The Zeifen-Kattegat climate oscillation. Quaternary Science Reviews, 1996, 15, 63-75.	3.0	88
14	Late Pleistocene and Holocene palaeoenvironments in and around the middle Caspian basin as reconstructed from a deep-sea core. Quaternary Science Reviews, 2014, 101, 91-110.	3.0	85
15	Late Little Ice Age palaeoenvironmental records from the Anzali and Amirkola Lagoons (south Caspian) Tj ETQq1 1 0.784314 rgBT /Ov 415-434.	2.3	81
16	Natural and anthropogenic forest fires recorded in the Holocene pollen record from a Jinchuan peat bog, northeastern China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 261, 47-57.	2.3	80
17	Vegetation history and climate fluctuations on a transect along the Dead Sea west shore and their impact on past societies over the last 3500 years. Journal of Arid Environments, 2010, 74, 756-764.	2.4	77
18	The Caspian Sea Level forced by the atmospheric circulation, as observed and modelled. Quaternary International, 2007, 173-174, 144-152.	1.5	75

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19	Caspian sea-level changes during the last millennium: historical and geological evidence from the south Caspian Sea. Climate of the Past, 2013, 9, 1645-1665.	3.4	71
20	Atlas of modern dinoflagellate cyst distributions in the Black Sea Corridor: from Aegean to Aral Seas, including Marmara, Black, Azov and Caspian Seas. Marine Micropaleontology, 2017, 134, 1-152.	1.2	71
21	Sedimentary and environmental characteristics of the Gilanâ€“Mazenderan plain, northern Iran: influence of long- and short-term Caspian water level fluctuations on geomorphology. Journal of Marine Systems, 2004, 46, 145-168.	2.1	69
22	Abrupt environmental changes within a late Holocene lacustrine sequence south of the Marmara Sea (Lake Manyas, N-W Turkey): possible links with seismic events. Marine Geology, 2002, 190, 531-552.	2.1	67
23	From natural hazard to environmental catastrophe: Past and present. Quaternary International, 2006, 158, 4-12.	1.5	66
24	Natural and anthropogenic rapid changes in the Kara-Bogaz Gol over the last two centuries reconstructed from palynological analyses and a comparison to instrumental records. Quaternary International, 2006, 150, 52-70.	1.5	65
25	Latest Pliocene pollen and leaf floras from Bernasso palaeolake (Escandorgue Massif, HÃ©rault,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	57
26	From the AllerÃ¸d to the mid-Holocene: palynological evidence from the south basin of the Caspian Sea. Quaternary Science Reviews, 2013, 78, 77-97.	3.0	56
27	Late Quaternary Caspian Sea environment: Late Khazarian and Early Khvalynian transgressions from the lower reaches of the Volga River. Quaternary International, 2013, 292, 193-204.	1.5	55
28	The Ponto-Caspian basin as a final trap for southeastern Scandinavian Ice-Sheet meltwater. Quaternary Science Reviews, 2016, 148, 29-43.	3.0	51
29	Marine palynology of the ODP site 658 (N-W Africa) and its contribution to the stratigraphy of Late Pliocene. Geobios, 1997, 30, 351-359.	1.4	50
30	Holocene landscape dynamics and long-term population trends in the Levant. Holocene, 2019, 29, 708-727.	1.7	48
31	High-resolution palynological analysis in Lake Sapanca as a tool to detect recent earthquakes on the North Anatolian Fault. Quaternary Science Reviews, 2009, 28, 2616-2632.	3.0	47
32	Modern pollen rainâ€“vegetation relationships along a forestâ€“steppe transect in the Golestan National Park, NE Iran. Review of Palaeobotany and Palynology, 2009, 153, 272-281.	1.5	44
33	Late Pleistocene and Holocene sea-level change and coastal paleoenvironment evolution along the Iranian Caspian shore. Marine Geology, 2015, 361, 111-125.	2.1	44
34	Towards the lowering of the Pliocene/Pleistocene boundary to the Gauss-Matuyama reversal. Quaternary International, 1997, 40, 37-42.	1.5	42
35	Synchronous Strengthening of the Indian and East Asian Monsoons in Response to Global Warming Since the Last Deglaciation. Geophysical Research Letters, 2019, 46, 3944-3952.	4.0	42
36	Late Holocene erosion in NW Anatolia from sediments of Lake Manyas, Lake Ulubat and the southern shelf of the Marmara Sea, Turkey. Catena, 2004, 57, 277-308.	5.0	41

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37	A two-step expansion of the dinocyst Lingulodinium machaerophorum in the Caspian Sea: the role of changing environment. Quaternary Science Reviews, 2013, 77, 31-45.	3.0	40
38	Pollen analysis of core DS7-1SC (Dead Sea) showing intertwined effects of climatic change and human activities in the Late Holocene. Journal of Archaeological Science, 2010, 37, 306-316.	2.4	38
39	Progress in palynology of the Gelasianâ€“Calabrian Stages in Europe: Ten messages. Revue De Micropaleontologie, 2007, 50, 293-308.	0.4	34
40	Palaeolimnology of Lake Sapanca and identification of historic earthquake signals, Northern Anatolian Fault Zone (Turkey). Quaternary Science Reviews, 2009, 28, 991-1005.	3.0	32
41	Palynological evidence of Azolla nilotica Dec. in recent Holocene of the eastern Nile Delta and palaeoenvironment. Vegetation History and Archaeobotany, 1992, 1, 43.	2.1	31
42	Seismic influence on the last 1500-year infill history of Lake Sapanca (North Anatolian Fault, NW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	2.2	30
43	Development of spitâ€“lagoon complexes in response to Little Ice Age rapid sea-level changes in the central Guilan coast, South Caspian Sea, Iran. Geomorphology, 2013, 187, 11-26.	2.6	30
44	Reconstructions of deltaic environments from Holocene palynological records in the Volga delta, northern Caspian Sea. Holocene, 2014, 24, 1226-1252.	1.7	30
45	Vegetation cycles in a disturbed sequence around the Cobb-Mountain subchron in Catalonia (Spain). Journal of Paleolimnology, 2008, 40, 851-868.	1.6	29
46	Prediction of the Caspian Sea level using ECMWF seasonal forecasts and reanalysis. Theoretical and Applied Climatology, 2014, 117, 41-60.	2.8	29
47	Temporal variations in English populations of a forest insect pest, the green spruce aphid (Elatobium) Tj ETQq1 1 0.784314 rgBT /Ove International, 2007, 173-174, 153-160.	1.5	28
48	Pollenâ€derived biomes in the Eastern Mediterraneanâ€“Black Seaâ€“Caspianâ€Corridor. Journal of Biogeography, 2018, 45, 484-499.	3.0	28
49	Iberian floras through time: Land of diversity and survival. Review of Palaeobotany and Palynology, 2010, 162, 227-230.	1.5	27
50	A 2800-year multi-proxy sedimentary record of climate change from Lake Ã‡ubuk (GÃ¶ynÃ¼k, Bolu, NW) Tj ETQq0 0 0 rgBT /Overlock 1	1.7	26
51	Pollen, plant macrofossil and charcoal records for palaeovegetation reconstruction in the Mediterranean-Black Sea Corridor since the Last Glacial Maximum. Quaternary International, 2009, 197, 12-26.	1.5	25
52	Palynomorphs of brackish and marine species in cores from the freshwater Lake Sapanca, NW Turkey. Review of Palaeobotany and Palynology, 2010, 160, 181-188.	1.5	25
53	Impact of earthquakes on agriculture during the Romanâ€“Byzantine period from pollen records of the Dead Sea laminated sediment. Quaternary Research, 2010, 73, 191-200.	1.7	25
54	Early to Mid-Holocene Lake level and temperature records from the terraces of Lake SÃ¼nnet in NW Turkey. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 369, 175-184.	2.3	25

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55	Using palynology to re-assess the Dead Sea laminated sediments â€“ Indeed varves?. Quaternary Science Reviews, 2016, 140, 49-66.	3.0	25
56	Cystâ€Theca Relationship and Phylogenetic Position of Impagidinium caspienense Incubated from Caspian Sea Surface Sediments: Relation to Gonyaulax baltica and Evidence for Heterospory within Gonyaulacoid Dinoflagellates. Journal of Eukaryotic Microbiology, 2017, 64, 829-842.	1.7	25
57	Provenance of clay minerals in the sediments from the Pliocene Productive Series, western South Caspian Basin. Marine and Petroleum Geology, 2016, 73, 517-527.	3.3	24
58	An early â€˜Little Ice Ageâ€™ brackish water invasion along the south coast of the Caspian Sea (sediment of) Tj ETQq0 0 0 rgBT /Overlo	1.7	24
59	Rapid evolution of coastal lagoons in response to human interference under rapid sea level change: A south Caspian Sea case study. Quaternary International, 2016, 408, 93-112.	1.5	23
60	A record of Late Quaternary continental weathering in the sediment of the Caspian Sea: evidence from Uâ€“Th, Sr isotopes, trace element and palynological data. Quaternary Science Reviews, 2012, 51, 40-55.	3.0	22
61	Iron age to medieval entomogamous vegetation and Rhinolophus hipposideros roost in South-Eastern Wales (UK). Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 237, 4-18.	2.3	21
62	Sedimentary record of coseismic subsidence in Hersek coastal lagoon (Izmit Bay, Turkey) and the late Holocene activity of the North Anatolian Fault. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	2.5	21
63	Nonpollen palynomorphs: Indicators of salinity and environmental change in the Caspianâ€“Black Seaâ€“Mediterranean corridor. , 2011, , .		21
64	Pliocene environmental change in West Africa and the onset of strong NE trade winds (ODP Sites 659) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.3	21
65	An environmental scenario for the earliest hominins in the Iberian Peninsula: Early Pleistocene palaeovegetation and palaeoclimate. Review of Palaeobotany and Palynology, 2019, 260, 51-64.	1.5	21
66	Past and Current Changes in the Largest Lake of the World: The Caspian Sea. Springer Water, 2020, , 65-107.	0.3	21
67	Palaeobotanical experiences of plant diversity in deep time. 1: How well can we identify past plant diversity in the fossil record?. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 576, 110481.	2.3	20
68	Boron content of Lake Ulubat sediment: A key to interpret the morphological history of NW Anatolia, Turkey. Applied Geochemistry, 2006, 21, 134-151.	3.0	19
69	Human responses to environmental change on the southern coastal plain of the Caspian Sea during the Mesolithic and Neolithic periods. Quaternary Science Reviews, 2019, 218, 343-364.	3.0	19
70	Role of substrate on the dendroclimatic response of Scots pine from varying elevations in northern Scotland. Canadian Journal of Forest Research, 2011, 41, 822-838.	1.7	18
71	Ostracods from a Marmara Sea lagoon (Turkey) as tsunami indicators. Quaternary International, 2012, 261, 156-161.	1.5	16
72	Quantification of climatic feedbacks on the Caspian Sea level variability and impacts from the Caspian Sea on the large-scale atmospheric circulation. Theoretical and Applied Climatology, 2019, 136, 475-488.	2.8	16

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73	Atlantic hurricanesâ€"Testing impacts of local SSTs, ENSO, stratospheric QBOâ€"Implications for global warming. Quaternary International, 2009, 195, 4-14.	1.5	15
74	Palynology: A tool to identify abrupt events? An example from Chabahar Bay, southern Iran. Marine Geology, 2013, 337, 195-201.	2.1	15
75	Palaeobotanical experiences of plant diversity in deep time. 2: How to measure and analyse past plant biodiversity. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 580, 110618.	2.3	15
76	Multi-proxy indicators in a Pontocaspian system: a depth transect of surface sediment in the SE Caspian Sea. Geologica Belgica, 2018, 21, 143-165.	1.1	15
77	Wind control on the accumulation of heavy metals in sediment of Lake Ulubat, Anatolia, Turkey. Journal of Paleolimnology, 2010, 43, 89-110.	1.6	14
78	Late Holocene vegetation and ocean variability in the Gulf of Oman. Quaternary Science Reviews, 2016, 143, 120-132.	3.0	14
79	Differential impact of long-shore currents on coastal geomorphology development in the context of rapid sea level changes: The case of the Old Sefidrud (Caspian Sea). Quaternary International, 2016, 408, 78-92.	1.5	14
80	Sediment distribution pattern of the South Caspian Sea: possible hydroclimatic implications. Canadian Journal of Earth Sciences, 2019, 56, 637-653.	1.3	14
81	Vegetation succession and climate change across the Plio-Pleistocene transition in eastern Azerbaijan, central Eurasia (2.77â€"2.45â€¯Ma). Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 538, 109386.	2.3	13
82	Humid and cold periods in the last 5600â€‰years in Arid Central Asia revealed by palynology of Picea schrenkiana from Issyk-Kul. Holocene, 2021, 31, 380-391.	1.7	11
83	Tidal flat sedimentation during the last millennium in the northern area of Tidra Island, Banc dâ€™Arguin, Mauritania. Journal of African Earth Sciences, 2008, 50, 37-48.	2.0	10
84	Dinocyst records from deep cores reveal a reversed salinity gradient in the Caspian Sea at 8.5â€"4.0â€¯cal ka BP. Quaternary Science Reviews, 2019, 209, 1-12.	3.0	10
85	Climatic and limnological changes 12,750 to 3600 years ago in the Issyk-Kul catchment, Tien Shan, based on palynology and stable isotopes. Quaternary Science Reviews, 2021, 259, 106897.	3.0	10
86	Impacts of Variations in Caspian Sea Surface Area on Catchmentâ€Scale and Largeâ€Scale Climate. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034251.	3.3	10
87	Using fluorescence microscopy to discern in situ from reworked palynomorphs in dynamic depositional environments â€" An example from sediments of the late Miocene to early Pleistocene Caspian Sea. Review of Palaeobotany and Palynology, 2018, 256, 32-49.	1.5	9
88	Biological turnovers in response to marine incursion into the Caspian Sea at the Plio-Pleistocene transition. Global and Planetary Change, 2021, 206, 103623.	3.5	9
89	Science versus myth: was there a connection between the Marmara Sea and Lake Sapanca?. Journal of Quaternary Science, 2010, 25, 103-114.	2.1	8
90	CanTriticum urartu(Poaceae) be identified by pollen analysis? Implications for detecting the ancestor of the extinct two-grained einkorn-like wheat. Botanical Journal of the Linnean Society, 2015, 177, 278-289.	1.6	8

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91	The Role of Geosciences in the Mitigation of Natural Disasters: Five Case Studies. , 2009, , 115-147.		8
92	Joint vegetation and mammalian records at the early Pleistocene sequence of BÃ²vila Ordis (Banyoles-BesalÃº Basin, NE Spain) and their bearing on early hominin occupation in Europe. Palaeobiodiversity and Palaeoenvironments, 2018, 98, 653-662.	1.5	7
93	Fossil mega- and micro-flora from Bernasso (Early Pleistocene, southern France): A multimethod comparative approach for paleoclimatic reconstruction. Review of Palaeobotany and Palynology, 2019, 267, 54-61.	1.5	7
94	Recent avulsion history of Sefidrud, south west of the Caspian Sea. Quaternary International, 2020, 540, 97-110.	1.5	7
95	Expanding known dinoflagellate distributions: investigations of slurry cultures from Caspian Sea sediment. Botanica Marina, 2018, 61, 21-31.	1.2	6
96	Coring and Drilling Equipment and Procedures for Recovery of Long Lacustrine Sequences. , 2002, , 107-135.		5
97	Caspianâ€“Black Seaâ€“Mediterranean corridors during the last 30ka: Sea level change and human adaptive strategies. Quaternary International, 2010, 225, 147-149.	1.5	5
98	Aeolian control on the deposition of high altitude lacustrine basins in the Middle East: The case of Lake Neor, NW Iran. Quaternary International, 2016, 408, 65-77.	1.5	5
99	Quaternary pollen analysis in the Iberian Peninsula: the value of negative results. Internet Archaeology, 2009, , .	0.4	5
100	13.12 Natural Hazards, Landscapes, and Civilizations. , 2013, , 190-203.		4
101	Natural Hazards, Landscapes and Civilizations. , 2022, , 620-634.		4
102	The dendrochronological potential of lime (Tiliaspp.) from trees at Hampton Court Palace, UK. Arboricultural Journal, 2013, 35, 7-17.	0.8	3
103	QuickLakeH: Rapidly changing large lakes and human response. Quaternary International, 2016, 408, 1-15.	1.5	3
104	Clay minerals as palaeoclimatic indicators in the Pliocene Productive Series, western Southern Caspian Basin. Geological Journal, 2018, 53, 2427-2436.	1.3	3
105	Dinoflagellate cyst assemblages as indicators of environmental conditions and shipping activities in coastal areas of the Black and Caspian Seas. Regional Studies in Marine Science, 2020, 39, 101472.	0.7	3
106	Caspian Sea levels over the last 2200Âyears, with new data from the S-E corner. Geomorphology, 2022, 403, 108136.	2.6	3
107	Historical Events. Encyclopedia of Earth Sciences Series, 2013, , 452-471.	0.1	2
108	Late Quaternary landscape evolution of the southern Marmara region:paleogeographic implications for settlements, NW Turkey. Turkish Journal of Earth Sciences, 2019, 28, 479-499.	1.0	2

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109	Climate simulations and pollen data reveal the distribution and connectivity of temperate tree populations in eastern Asia during the Last Glacial Maximum. Climate of the Past, 2020, 16, 2039-2054.	3.4	0