

Luis Pomar

List of Publications by Year in descending order

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48
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48
docs citations

48
times ranked

3011
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards the standardization of sequence stratigraphy. <i>Earth-Science Reviews</i> , 2009, 92, 1-33.	4.0	1,156
2	Types of carbonate platforms: a genetic approach. <i>Basin Research</i> , 2001, 13, 313-334.	1.3	428
3	Reply to the comments of W. Helland-Hansen on "Towards the standardization of sequence stratigraphy" by Catuneanu et al. [<i>Earth-Sciences Review</i> 92(2009)1-33]. <i>Earth-Science Reviews</i> , 2009, 94, 98-100.	4.0	277
4	Carbonate factories: A conundrum in sedimentary geology. <i>Earth-Science Reviews</i> , 2008, 87, 134-169.	4.0	243
5	Internal waves, an under-explored source of turbulence events in the sedimentary record. <i>Earth-Science Reviews</i> , 2012, 111, 56-81.	4.0	202
6	Environmental factors influencing skeletal grain sediment associations: a critical review of Miocene examples from the western Mediterranean. <i>Sedimentology</i> , 2004, 51, 627-651.	1.6	199
7	Ecological control of sedimentary accommodation: evolution from a carbonate ramp to rimmed shelf, Upper Miocene, Balearic Islands. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 175, 249-272.	1.0	188
8	Reef geometries, erosion surfaces and high-frequency sea-level changes, upper Miocene Reef Complex, Mallorca, Spain. <i>Sedimentology</i> , 1991, 38, 243-269.	1.6	154
9	Late Pleistocene-Holocene sediments on the Spanish continental shelves: Model for very high resolution sequence stratigraphy. <i>Marine Geology</i> , 1994, 120, 129-174.	0.9	128
10	Reef building and carbonate production modes in the west-central Tethys during the Cenozoic. <i>Marine and Petroleum Geology</i> , 2017, 83, 261-304.	1.5	126
11	Impact of carbonate producing biota on platform architecture: Insights from Miocene examples of the Mediterranean region. <i>Earth-Science Reviews</i> , 2012, 113, 186-211.	4.0	94
12	Sub-wavebase cross-bedded grainstones on a distally steepened carbonate ramp, Upper Miocene, Menorca, Spain. <i>Sedimentology</i> , 2002, 49, 139-169.	1.6	87
13	Response of a late Miocene Mediterranean reef platform to high-frequency eustasy. <i>Geology</i> , 1994, 22, 131.	2.0	71
14	Changes in coral-reef structure through the Miocene in the Mediterranean province: Adaptive versus environmental influence. <i>Geology</i> , 2007, 35, 899.	2.0	71
15	Mesophotic coral buildups in a prodelta setting (Late Eocene, southern Pyrenees, Spain): a mixed carbonate-siliciclastic system. <i>Sedimentology</i> , 2012, 59, 766-794.	1.6	66
16	Carbonate ramp evolution during the Late Oligocene (Chattian), Salento Peninsula, southern Italy. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 404, 109-132.	1.0	64
17	Rhodolith assemblages from the lower Tortonian carbonate ramp of Menorca (Spain): Environmental and paleoclimatic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 226, 307-323.	1.0	57
18	Internal waves vs. surface storm waves: a review on the origin of hummocky cross-stratification. <i>Terra Nova</i> , 2012, 24, 273-282.	0.9	55

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19	Decoding depositional sequences in carbonate systems: Concepts vs experience. <i>Global and Planetary Change</i> , 2016, 146, 190-225.	1.6	50
20	Architecture of Carbonate Platforms: A Response to Hydrodynamics and Evolving Ecology. , 2011, , 187-216.		49
21	Nummulitic banks in the upper Lutetian "Buil level"™, Ainsa Basin, South Central Pyrenean Zone: the impact of internal waves. <i>Sedimentology</i> , 2012, 59, 527-552.	1.6	48
22	Facies architecture and high-resolution sequence stratigraphy of an Upper Cretaceous platform margin succession, southern central Pyrenees, Spain. <i>Sedimentary Geology</i> , 2005, 175, 339-365.	1.0	44
23	UPPER MIOCENE REEF COMPLEX OF THE LLUCMAJOR AREA, MALLORCA, SPAIN. , 1996, , 191-225.		42
24	Sea-Level Changes, Carbonate Production and Platform Architecture: The Lluçmajor Platform, Mallorca, Spain. <i>Coastal Systems and Continental Margins</i> , 1995, , 87-112.	0.0	38
25	A facies model for internalites (internal wave deposits) on a gently sloping carbonate ramp (Upper) Tj ETQq1 1 0.784314 rgBTJ/Overlock	1.0	37
26	Depositional model for a prograding oolitic wedge, Upper Jurassic, Iberian basin. <i>Marine and Petroleum Geology</i> , 2015, 67, 556-582.	1.5	35
27	Microbial deposits in upper Miocene carbonates, Mallorca, Spain. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 297, 465-485.	1.0	34
28	Origin of the rudstone"floatstone beds in the Upper Jurassic Arab-D reservoir, Khurais Complex, Saudi Arabia. <i>Marine and Petroleum Geology</i> , 2015, 67, 743-768.	1.5	34
29	Architectural complexity of a carbonate transgressive systems tract induced by basement physiography. <i>Sedimentology</i> , 2008, 55, 1815-1848.	1.6	32
30	Pleistocene speleothems of Mallorca: implications for palaeoclimate and carbonate diagenesis in mixing zones. <i>Sedimentology</i> , 2006, 53, 213-236.	1.6	30
31	Late Miocene breccia of Menorca (Balearic Islands) a basis for the interpretation of a Neogene ramp deposit. <i>Sedimentary Geology</i> , 1992, 79, 203-223.	1.0	27
32	Extrapolation of depositional geometries of the Menorcan Miocene carbonate ramp with ground-penetrating radar. <i>Facies</i> , 2009, 55, 37-46.	0.7	24
33	Facies heterogeneity at interwell-scale in a carbonate ramp, Upper Jurassic, NE Spain. <i>Marine and Petroleum Geology</i> , 2013, 44, 140-163.	1.5	24
34	Microfacies, diagenesis and oil emplacement of the Upper Jurassic Arab-D carbonate reservoir in an oil field in central Saudi Arabia (Khurais Complex). <i>Marine and Petroleum Geology</i> , 2018, 96, 551-576.	1.5	24
35	Carbonate systems. , 2020, , 235-311.		20
36	The Calcarene di Gravina Formation in Matera (southern Italy): New insights for coarse-grained, large-scale, cross-bedded bodies encased in offshore deposits. <i>AAPG Bulletin</i> , 2001, 85, .	0.7	18

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37	Interplay between biotic and environmental conditions in pre-salt Messinian microbialites of the western Mediterranean (Upper Miocene, Mallorca, Spain). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 533, 109242.	1.0	13
38	Reservoir-Scale Heterogeneity in Depositional Packages and Diagenetic Patterns on a Reef-Rimmed Platform, Upper Miocene, Mallorca, Spain. <i>AAPG Bulletin</i> , 1999, 83, .	0.7	10
39	Storms in the deep: Tempestite- and beach-like deposits in pelagic sequences (Jurassic, Subbetic, South) <i>Tj ETQq1 1.0784314 rgBT /C</i>	1.5	3
40	Reply to Shanmugam, G., comment on "Internal waves, an underexplored source of turbulence events in the sedimentary record" by Pomar et al. [<i>Earth-Science Reviews</i> , 111 (2012), 56â€“81], <i>Earth Science Reviews</i> (2012). <i>Earth-Science Reviews</i> , 2013, 116, 206-210.	4.0	7
41	Computer Modeling a Miocene Carbonate Platform, Mallorca, Spain. <i>AAPG Bulletin</i> , 1994, 78, .	0.7	5
42	Response: Commentary: Evaluating the Role of Seagrass in Cenozoic CO2 Variations. <i>Frontiers in Environmental Science</i> , 2017, 5, .	1.5	3
43	Columnar microbialites of the upper Miocene of Mallorca (Spain): A new morphogenetic model based on concurrent accretion and bioturbation â€“ uncommon or overlooked?. <i>Sedimentology</i> , 0, , .	1.6	3
44	Stratigraphic model of a Middle-Late Jurassic carbonate system (Mozduran Ridge, Kopet Dagh area, NE) <i>Tj ETQq0 0.0 rgBT /Oyerlock 10</i>	1.5	3
45	Middle Miocene short-lived Tethyan seaway through the Zagros foreland basin: Facies analysis and paleoenvironmental reconstruction of mixed siliciclastic-carbonate deposits of Mishan Formation, Dezful Embayment, SW Iran. <i>Marine and Petroleum Geology</i> , 2022, 140, 105649.	1.5	3
46	A Multi-Faceted Approach to Stratigraphy: One that is Applicable to the Oil and Gas Industry?. <i>Springer Geology</i> , 2014, , 895-899.	0.2	0