

# Aitor Payros

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

1,063  
citations

361413

20  
h-index

414414

32  
g-index

47  
all docs

47  
docs citations

47  
times ranked

803  
citing authors

#	ARTICLE	IF	CITATIONS
1	A rapid sedimentary response to the Paleocene-Eocene Thermal Maximum hydrological change: New data from alluvial units of the Tremp-Graus Basin (Spanish Pyrenees). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 589, 110818.	2.3	7
2	Mid-latitude alluvial and hydroclimatic changes during the Paleocene–Eocene Thermal Maximum as recorded in the Tremp-Graus Basin, Spain. <i>Sedimentary Geology</i> , 2022, 435, 106155.	2.1	1
3	Systematics and phylogenetic interpretation of a new bathyal spatangoid echinoid from the Eocene of Spain: <i>Habanaster itzae</i> nov. sp. <i>Geobios</i> , 2022, , .	1.4	1
4	Physical and geochemical record of an early Eocene carbon cycle perturbation on a turbiditic continental margin. <i>Sedimentology</i> , 2021, 68, 881-904.	3.1	2
5	Danian-lower Selandian <i>Microcodium</i> -rich calcarenites of the Subbetic Zone (SE Spain): Record of <i>Nereites</i> ichnofacies in a deep-sea, base-of-slope system. <i>Sedimentary Geology</i> , 2020, 406, 105723.	2.1	5
6	Nuevos datos sobre las faunas marinas del Eoceno medio-superior de Navarra (Área surpirenaica) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.2	1
7	Carbonate ramp drowning caused by flexural subsidence: The South Pyrenean middle Eocene foreland basin. <i>Sedimentary Geology</i> , 2019, 393-394, 105538.	2.1	7
8	Gastropods and bivalves from the Eocene marly formations of the Pamplona Basin and surrounding areas (Navarre, western Pyrenees). <i>Geodiversitas</i> , 2018, 40, 211.	0.8	2
9	High-Resolution Integrated Cyclostratigraphy From the Oyambre Section (Cantabria, N Iberian) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> Records. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 787-806.	2.5	11
10	The last Eocene hyperthermal (Chron C19r event, ~41.5 Ma): Chronological and paleoenvironmental insights from a continental margin (Cape Oyambre, N Spain). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 505, 198-216.	2.3	12
11	Trace fossils from the Middle and Upper Eocene (Bartonian–Priabonian) molasse deposits of the Pamplona Basin (Navarre, western Pyrenees): palaeoenvironmental implications. <i>Geological Journal</i> , 2017, 52, 327-349.	1.3	4
12	Changes to sea-surface characteristics during the middle Eocene (47.4 Ma) C21r-H6 event: evidence from calcareous nannofossil assemblages of the Gorrondatxe section (western Pyrenees). <i>Newsletters on Stratigraphy</i> , 2017, 50, 245-267.	1.2	11
13	Variations to calcareous nannofossil CaCO <sub>3</sub> content during the middle Eocene C21r-H6 hyperthermal event (~ 47.4 Ma) in the Gorrondatxe section (Bay of Biscay, western Pyrenees). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 487, 296-306.	2.3	3
14	Contrasting environmental effects of astronomically driven climate change on three Eocene hemipelagic successions from the Basque–Cantabrian Basin. <i>Sedimentology</i> , 2017, 64, 960-986.	3.1	9
15	Fossil associations from the middle and upper Eocene strata of the Pamplona Basin and surrounding areas (Navarre, western Pyrenees). <i>Journal of Iberian Geology</i> , 2016, 42, .	1.3	7
16	A siliciclastic braid delta within a lower Paleogene carbonate platform (Ordessa-Monte Perdido) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147</i> perturbation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 459, 453-470.	2.3	23
17	Early Eocene climatic optimum: Environmental impact on the North Iberian continental margin. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 1632-1644.	3.3	30
18	The Lutetian/Bartonian transition (middle Eocene) at the Oyambre section (northern Spain): Implications for standard chronostratigraphy. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 440, 234-248.	2.3	13

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19	Orbital forcing in turbidite accumulation during the Eocene greenhouse interval. <i>Sedimentology</i> , 2014, 61, 1411-1432.	3.1	22
20	Sponges and corals from the Middle Eocene (Bartonian) marly formations of the Pamplona Basin (Navarre, western Pyrenees): taphonomy, taxonomy, and paleoenvironments. <i>Facies</i> , 2014, 60, 91-110.	1.4	10
21	In Search of the Bartonian (Middle Eocene) GSSP (I): Potential in the Basque Cantabrian and Aquitanian Basins (Western Pyrenees). <i>Springer Geology</i> , 2014, , 131-135.	0.3	0
22	In Search of the Bartonian (Middle Eocene) GSSP (II): Preliminary Results from the Oyambre Section (Northern Spain). <i>Springer Geology</i> , 2014, , 79-83.	0.3	0
23	An early Lutetian carbon cycle perturbation: Insights from the Gorrondatxe section (western) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10	3.0	21
24	Distribution patterns of benthic foraminifera across the Ypresian Lutetian Gorrondatxe section, Northern Spain: Response to sedimentary disturbance. <i>Marine Micropaleontology</i> , 2011, 78, 1-13.	1.2	31
25	The Global Stratotype Section and Point (GSSP) for the base of the Lutetian Stage at the Gorrondatxe section, Spain. <i>Episodes</i> , 2011, 34, 86-108.	1.2	69
26	The Global Stratotype Sections and Points for the bases of the Selandian (Middle Paleocene) and Thanetian (Upper Paleocene) stages at Zumaia, Spain. <i>Episodes</i> , 2011, 34, 220-243.	1.2	89
27	The Eocene storm-dominated foralgal ramp of the western Pyrenees (Urbasa Andia Formation): An analogue of future shallow-marine carbonate systems?. <i>Sedimentary Geology</i> , 2010, 228, 184-204.	2.1	48
28	Sea-level dynamics and palaeoecological factors affecting trace fossil distribution in Eocene turbiditic deposits (Gorrondatxe section, N Spain). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 285, 50-65.	2.3	45
29	Characterization and astronomically calibrated age of the first occurrence of <i>Turborotalia frontosa</i> in the Gorrondatxe section, a prospective Lutetian GSSP: implications for the Eocene time scale. <i>Lethaia</i> , 2009, 42, 255-264.	1.4	32
30	Filling the North European Early/Middle Eocene (Ypresian/Lutetian) boundary gap: Insights from the Pyrenean continental to deep-marine record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 280, 313-332.	2.3	47
31	Calciclastic submarine fans: An integrated overview. <i>Earth-Science Reviews</i> , 2008, 86, 203-246.	9.1	89
32	Bird and Mammal Footprints From the Tertiary of Navarre (Western Pyrenees). <i>Ichnos</i> , 2007, 14, 175-184.	0.5	20
33	A point-sourced calciclastic submarine fan complex (Eocene Anotz Formation, western Pyrenees): facies architecture, evolution and controlling factors. <i>Sedimentology</i> , 2007, 54, 137-168.	3.1	39
34	Reassessment of the Early Middle Eocene biomagnetostratigraphy based on evidence from the Gorrondatxe section (Basque Country, western Pyrenees). <i>Lethaia</i> , 2007, 40, 183-195.	1.4	42
35	Covarying sedimentary and biotic fluctuations in Lower Middle Eocene Pyrenean deep-sea deposits: Palaeoenvironmental implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 234, 258-276.	2.3	43
36	Tosquella, Josep; Apellaniz, Estibaliz; Caballero, Fernando: Biomagnetostratigraphic analysis of the Gorrondatxe section (Basque Country, Western Pyrenees): Its significance for the definition of the Ypresian/Lutetian boundary stratotype. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2006, 241, 67-109.	0.4	28

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37	Sedimentology and taphonomy of sirenian remains from the Middle Eocene of the Pamplona Basin (Navarre, western Pyrenees). <i>Facies</i> , 2005, 50, 463-475.	1.4	25
38	Basal Ilerdian (earliest Eocene) turnover of larger Foraminifera: Age constraints based on calcareous plankton and $\delta^{13}\text{C}$ isotopic profiles from new southern Pyrenean sections (Spain). , 2003, , .		14
39	The Upper Eocene South Pyrenean Coastal deposits (Liedena sandstone, navarre): Sedimentary facies, benthic foraminifera and avian ichnology. <i>Facies</i> , 2000, 42, 107-131.	1.4	20
40	The Ilerdian parastratotype at Campo (central South Pyrenean Basin, Spain): A palynological re-study of the uppermost Paleocene and lowermost Eocene. <i>Gff</i> , 2000, 122, 119-120.	1.2	3
41	Upper Paleocene–lower Eocene strata of the western Pyrenees, Spain: A shelf-to-basin correlation. <i>Gff</i> , 2000, 122, 129-130.	1.2	8
42	The South Pyrenean Eocene carbonate megabreccias revisited: new interpretation based on evidence from the Pamplona Basin. <i>Sedimentary Geology</i> , 1999, 125, 165-194.	2.1	91
43	Paleocene Strata Of The Basque Country, Western Pyrenees, Northern Spain<sub>title>Facies And Sequence Development In A Deep-Water Starved Basin</sub>. , 1999, , .		18
44	Physical and biostratigraphic analysis of two prospective Paleocene-Eocene Boundary Stratotypes in the intermediate-deep water Basque Basin, western Pyrenees: The Trabakua Pass and Ermua sections. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 1996, 201, 179-242.	0.4	27
45	Biostratigraphic and magnetostratigraphic intercalibration of latest Cretaceous and Paleocene depositional sequences from the deep-water Basque basin, western Pyrenees, Spain. <i>Earth and Planetary Science Letters</i> , 1995, 136, 17-30.	4.4	30