Jaume Dinars-Turell

List of Publications by Citations

87 papers	2,559 citations	32 h-index	47 g-index
100 ext. papers	2,795 ext. citations	2.8 avg, IF	4.62 L-index

#	Paper	IF	Citations
87	Evolution of magnetic fabrics during incipient deformation of mudrocks (Pyrenees, northern Spain). *Tectonophysics*, **1999**, 307, 1-14	3.1	215
86	Biomonitoring of traffic air pollution in Rome using magnetic properties of tree leaves. *Atmospheric Environment*, **2003**, 37, 2967-2977	5.3	175
85	The Ainsa Fold and thrust oblique zone of the central Pyrenees: Kinematics of a curved contractional system from paleomagnetic and structural data. *Tectonics*, **2013**, 32, 1142-1175	4.3	96
84	Testing models for the Messinian salinity crisis: The Messinian record in Almería, SE Spain. *Sedimentary Geology*, **2006**, 188-189, 131-154	2.8	82
83	The middle Eocene climatic optimum event in the Contessa Highway section, Umbrian Apennines, Italy. *Bulletin of the Geological Society of America*, **2007**, 119, 413-427	3.9	74
82	Sedimentary and diagenetic markers of the restriction in a marine basin: the Lorca Basin (SE Spain) during the Messinian. *Sedimentary Geology*, **1998**, 121, 23-55	2.8	72
81	Untangling the Palaeocene climatic rhythm: an astronomically calibrated Early Palaeocene magnetostratigraphy and biostratigraphy at Zumaia (Basque basin, northern Spain). *Earth and Planetary Science Letters*, **2003**, 216, 483-500	5.3	71
80	The Global Stratotype Sections and Points for the bases of the Selandian (Middle Paleocene) and Thanetian (Upper Paleocene) stages at Zumaia, Spain. *Episodes*, **2011**, 34, 220-243	1.6	71
79	Evidence of an abrupt environmental disruption during the mid-Paleocene biotic event (Zumaia section, western Pyrenees). *Bulletin of the Geological Society of America*, **2007**, 119, 785-795	3.9	70
78	The Global Stratotype Section and Point (GSSP) for the base of the Lutetian Stage at the Gorrondatxe section, Spain. *Episodes*, **2011**, 34, 86-108	1.6	59
77	Astronomical calibration of the Danian stage (Early Paleocene) revisited: Settling chronologies of sedimentary records across the Atlantic and Pacific Oceans. *Earth and Planetary Science Letters*, **2014**, 405, 119-131	5.3	58
76	Inter-laboratory calibration of low-field magnetic and anhysteretic susceptibility measurements. *Physics of the Earth and Planetary Interiors*, **2003**, 138, 25-38	2.3	56
75	Integrated stratigraphy from the Vallcebre Basin (southeastern Pyrenees, Spain): New insights on the continental Cretaceous–Tertiary transition in southwest Europe. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2007**, 255, 35-47	2.9	55
74	Closing the Mid-Palaeocene gap: Toward a complete astronomically tuned Palaeocene Epoch and Selandian and Thanetian GSSPs at Zumaia (Basque Basin, W Pyrenees). *Earth and Planetary Science Letters*, **2007**, 262, 450-467	5.3	53
73	The diversity of sauropod dinosaurs and their first taxonomic succession from the latest Cretaceous of southwestern Europe: Clues to demise and extinction. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2012**, 350-352, 19-38	2.9	48
72	Evidence for a variable paleomagnetic lock-in depth in the Holocene sequence from the Salerno Gulf (Italy): Implications for high-resolution paleomagnetic dating. *Geochemistry, Geophysics, Geosystems*, **2005**, 6, n/a-n/a	3.6	45
71	Vertical-axis rotation of a foreland fold and implications for orogenic curvature: an example from the Southern Pyrenees, Spain. *Earth and Planetary Science Letters*, **2004**, 218, 435-449	5.3	45

70	Remagnetization of Lower Cretaceous limestones from the southern Pyrenees and relation to the Iberian plate geodynamic evolution. *Journal of Geophysical Research*, **2000**, 105, 19405-19418		42
69	Filling the North European Early/Middle Eocene (Ypresian/Lutetian) boundary gap: Insights from the Pyrenean continental to deep-marine record. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2009**, 280, 313-332	2.9	41
68	Latest Cretaceous climatic and environmental change in the South Atlantic region. *Paleoceanography*, **2017**, 32, 466-483		38
67	Relative geomagnetic paleointensity from the Jaramillo Subchron to the Matuyama/Brunhes boundary as recorded in a Mediterranean piston core. *Earth and Planetary Science Letters*, **2002**, 194, 327-341	5.3	37
66	The Messinian–Early Pliocene stratigraphic record in the southern Bajo Segura Basin (Betic Cordillera, Spain): Implications for the Mediterranean salinity crisis. *Sedimentary Geology*, **2008**, 203, 267-288	2.8	36
65	Quaternary climatic control of biogenic magnetite production and eolian dust input in cores from the Mediterranean Sea. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2003**, 190, 195-209	2.9	36
64	Integrated bio- and carbon-isotope stratigraphy of the Upper Cretaceous Gurpi Formation (Iran): A new reference for the eastern Tethys and its implications for large-scale correlation of stage boundaries. *Cretaceous Research*, **2018**, 91, 312-340	1.8	35
63	Buntsandstein magnetostratigraphy and biostratigraphic reappraisal from eastern Iberia: Early and Middle Triassic stage boundary definitions through correlation to Tethyan sections. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2005**, 229, 158-177	2.9	35
62	Reassessment of the Early–Middle Eocene biomagnetochronology based on evidence from the Gorrondatxe section (Basque Country, western Pyrenees). *Lethaia*, **2007**, 40, 183-195	1.3	34
61	Refinements of the European Mammal Biochronology from the Magnetic Polarity Record of the Plio–Pleistocene Zújar Section, Guadix-Baza Basin, SE Spain. *Quaternary Research*, **1999**, 51, 94-103	1.9	34
60	Basin infill architecture and evolution from magnetostratigraphic cross-basin correlations in the southeastern Pyrenean foreland basin. *Bulletin of the Geological Society of America*, **1999**, 111, 1155-1174	3.9	34
59	Magnetic Fabric in Two Sedimentary Rock-Types from the Southern Pyrenees.. *Journal of Geomagnetism and Geoelectricity*, **1993**, 45, 193-205		33
58	Sedimentological and paleoenvironmental scenario before, during, and after the Messinian Salinity Crisis: The San Miguel de Salinas composite section (western Mediterranean). *Marine Geology*, **2016**, 379, 246-266	3.3	32
57	Magnetic Stratigraphy from Deep Clastic Turbidites: An Example from the Eocene Hecho Group (Southern Pyrenees). *Studia Geophysica Et Geodaetica*, **2003**, 47, 275-288	0.7	32
56	Palaeomagnetic chronology of the evaporitic sedimentation in the Neogene Fortuna Basin (SE Spain): early restriction preceding the 'Messinian Salinity Crisis'. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **1999**, 154, 161-178	2.9	32
55	High-resolution intra- and interbasinal correlation of the Danian–Selandian transition (Early Paleocene): The Bjala section (Bulgaria) and the Selandian GSSP at Zumaia (Spain). *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2010**, 297, 511-533	2.9	30
54	Palaeoceanographic controls on reef deposition: the Messinian Cariatiz reef (Sorbas Basin, Almería, SE Spain). *Sedimentology*, **2007**, 54, 637-660	3.3	30
53	Magnetostratigraphic and cyclostratigraphic calibration of a prospective Palaeocene/Eocene stratotype at Zumaia (Basque Basin, northern Spain). *Terra Nova*, **2002**, 14, 371-378	3	30

52	A composite record of Late Pleistocene relative geomagnetic paleointensity from the Wilkes Land Basin (Antarctica). *Physics of the Earth and Planetary Interiors*, **2005**, 151, 223-242	2.3	27
51	Biostratigraphic and magnetostratigraphic intercalibration of latest Cretaceous and Paleocene depositional sequences from the deep-water Basque basin, western Pyrenees, Spain. *Earth and Planetary Science Letters*, **1995**, 136, 17-30	5.3	27
50	The upper Maastrichtian dinosaur fossil record from the southern Pyrenees and its contribution to the topic of the Cretaceous–Palaeogene mass extinction event. *Cretaceous Research*, **2016**, 57, 540-551	1.8	25
49	The Cyclostratigraphy Intercomparison Project (CIP): consistency, merits and pitfalls. *Earth-Science Reviews*, **2019**, 199, 102965	10.2	24
48	Characterization and astronomically calibrated age of the first occurrence of Turborotalia frontosa in the Gorrondatxe section, a prospective Lutetian GSSP: implications for the Eocene time scale. *Lethaia*, **2009**, 42, 255-264	1.3	24
47	Variability in the vertical structure of the water column and paleoproductivity reconstruction in the central-western Mediterranean during the Late Pleistocene. *Marine Micropaleontology*, **2008**, 69, 26-41	1.7	24
46	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. *Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen*, **2006**, 241, 67-109	1.1	23
45	Eocene-Oligocene paleoceanographic changes in the stratotype section, Massignano, Italy: Clues from rock magnetism and stable isotopes. *Journal of Geophysical Research*, **2007**, 112,		22
44	High-resolution petrophysical and palaeomagnetic study of late-Holocene shelf sediments, Salerno Gulf, Tyrrhenian Sea. *Holocene*, **2004**, 14, 426-435	2.6	20
43	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. *Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen*, **1996**, 201, 179-242	1.1	20
42	The Santonian–Campanian boundary and the end of the Long Cretaceous Normal Polarity-Chron: Isotope and plankton stratigraphy of a pelagic reference section in the NW Tethys (Austria). *Newsletters on Stratigraphy*, **2018**, 51, 445-476	2.9	20
41	Integrated multi-stratigraphic study of the Coll de Terrers late Permian–Early Triassic continental succession from the Catalan Pyrenees (NE Iberian Peninsula): A geologic reference record for equatorial Pangaea. *Global and Planetary Change*, **2017**, 159, 46-60	4.2	19
40	The Palaeocene–top chron C27n–transient greenhouse episode: evidence from marine pelagic Atlantic and peri-Tethyan sections. *Terra Nova*, **2012**, 24, 477-486	3	19
39	Relative geomagnetic paleointensity of the Brunhes Chron and the Matuyama–Brunhes precursor as recorded in sediment core from Wilkes Land Basin (Antarctica). *Physics of the Earth and Planetary Interiors*, **2010**, 179, 72-86	2.3	19
38	Remagnetization mechanism of Lower Cretaceous rocks from the Organyà Basin (Pyrenees, Spain). *Studia Geophysica Et Geodaetica*, **2008**, 52, 187-210	0.7	18
37	The chronostratigraphic framework of the South-Pyrenean Maastrichtian succession reappraised: Implications for basin development and end-Cretaceous dinosaur faunal turnover. *Sedimentary Geology*, **2016**, 337, 55-68	2.8	16
36	Environmental magnetic record of paleoclimate change from the Eocene-Oligocene stratotype section, Massignano, Italy. *Geophysical Research Letters*, **2004**, 31,	4.9	16
35	New constraints on the evolution of planktic foraminifers and calcareous nannofossils across the Paleocene-Eocene boundary interval: the Zumaia section revisited. *Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen*, **2004**, 234, 223-259	1.1	16

34	Aridification across the Carboniferous–Permian transition in central equatorial Pangea: The Catalan Pyrenean succession (NE Iberian Peninsula). *Sedimentary Geology*, **2018**, 363, 48-68	2.8	16
33	Chronostratigraphic synthesis of the latest Cretaceous dinosaur turnover in south-western Europe. *Earth-Science Reviews*, **2019**, 191, 168-189	10.2	15
32	Magnetostratigraphy of the Maastrichtian continental record in the Upper Aude Valley (northern Pyrenees, France): Placing age constraints on the succession of dinosaur-bearing sites. *Cretaceous Research*, **2016**, 57, 457-472	1.8	14
31	Paleomagnetism of Siluro-Devonian sequences, NE Spain. *Journal of Geophysical Research*, **2000**, 105, 23595-23603		14
30	The Tortonian salinity crisis in the Fortuna Basin (southeastern Spain): Stratigraphic record, tectonic scenario and chronostratigraphy. *Comptes Rendus - Geoscience*, **2008**, 340, 474-481	1.4	13
29	The Lutetian/Bartonian transition (middle Eocene) at the Oyambre section (northern Spain): Implications for standard chronostratigraphy. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2015**, 440, 234-248	2.9	12
28	The Last Pterosaurs: First Record from the Uppermost Maastrichtian of the Tremp Syncline (Northern Spain). *Acta Geologica Sinica*, **2013**, 87, 1198-1227	0.7	11
27	Albian syndepositional block rotation and its geological consequences, Basque–Cantabrian Basin (western Pyrenees). *Geological Magazine*, **2013**, 150, 986-1001	2	11
26	On the age of the Early/Middle Eocene boundary and other related events: cyclostratigraphic refinements from the Pyrenean Otsakar section and the Lutetian GSSP. *Geological Magazine*, **2011**, 148, 442-460	2	11
25	Plankton biostratigraphy and magnetostratigraphy of the Santonian–Campanian boundary interval in the Mudurnu–Göynük Basin, northwestern Turkey. *Cretaceous Research*, **2018**, 87, 296-311	1.8	10
24	Nannoplankton biostratigraphic calibration of the evaporitic events in the Neogene Fortuna Basin (SE Spain). *Geobios*, **2010**, 43, 201-217	1.5	10
23	High-Resolution Integrated Cyclostratigraphy From the Oyambre Section (Cantabria, N Iberian Peninsula): Constraints for Orbital Tuning and Correlation of Middle Eocene Atlantic Deep-Sea Records. *Geochemistry, Geophysics, Geosystems*, **2018**, 19, 787-806	3.6	9
22	Iberian Triassic paleomagnetism revisited: Intraplate block rotations versus polar wandering. *Geophysical Research Letters*, **1994**, 21, 2155-2158	4.9	9
21	A cautionary tale for palaeomagnetists: A spurious apparent single component remanence due to overlap of blocking-temperature spectra of two components. *Geophysical Research Letters*, **1991**, 18, 1297-1300	4.9	8
20	Should Unit-Stratotypes and Astrochronozones be formally defined? A dual proposal (including postscriptum). *Newsletters on Stratigraphy*, **2020**, 53, 19-39	2.9	8
19	The last Eocene hyperthermal (Chron C19r event, ~41.5 Ma): Chronological and paleoenvironmental insights from a continental margin (Cape Oyambre, N Spain). *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2018**, 505, 198-216	2.9	7
18	Calcareous nannofossil response to Late Cretaceous climate change in the eastern Tethys (Zagros Basin, Iran). *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2020**, 538, 109418	2.9	6
17	In search of the Burdigalian GSSP: new evidence from the Contessa Section (Italy). *Italian Journal of Geosciences*, **2019**, 138, 274-295	1.7	6

16	Diagenesis and remanence acquisition in the Lower Pliocene Trubi marls at Punta di Maiata (southern Sicily): palaeomagnetic and rock magnetic observations. *Geological Society Special Publication*, **1999**, 151, 53-69	1.7	5
15	Geology and taphonomy of the L'Espinau dinosaur bonebed, a singular lagoonal site from the Maastrichtian of South-Central Pyrenees. *Sedimentary Geology*, **2017**, 355, 75-92	2.8	4
14	Orbital variations in planktonic foraminifera assemblages from the Ionian Sea during the Middle Pleistocene Transition. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2013**, 369, 303-312	2.9	4
13	A deformed Pliocene-Quaternary alluvial and red paleosol succession in the Eastern Betics: Paleomagnetic, rock-magnetic and sedimentological pilot study. *Studia Geophysica Et Geodaetica*, **1995**, 39, 405-419	0.7	4
12	Integrated Quantitative Calcareous Plankton Bio-Magnetostratigraphy of the Early Miocene from IODP Leg 342, Hole U1406A, Newfoundland Ridge, NW Atlantic Ocean. *Stratigraphy and Geological Correlation*, **2019**, 27, 259-276	1.2	2
11	A 1-Million-Year Record of Environmental Change in the Central Mediterranean Sea From Organic Molecular Proxies. *Paleoceanography and Paleoclimatology*, **2021**, 36, e2021PA004289	3.3	1
10	Palaeoecology of Middle Triassic tetrapod ichnoassociations (middle Muschelkalk, NE Iberian Peninsula) and their implications for palaeobiogeography in the western Tethys region. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2021**, 565, 110204	2.9	1
9	The Relevance of Iberian Sedimentary Successions for Paleogene Stratigraphy and Timescales. *Stratigraphy & Timescales*, **2016**, 393-489	0.8	1
8	Physical and geochemical record of an early Eocene carbon-cycle perturbation on a turbiditic continental margin. *Sedimentology*, **2021**, 68, 881-904	3.3	1
7	Early–middle Permian ecosystems of equatorial Pangaea: Integrated multi-stratigraphic and palaeontological review of the Permian of Mallorca (Balearic Islands, western Mediterranean). *Earth-Science Reviews*, **2022**, 103948	10.2	0
6	An integrated multi-proxy study of cyclic pelagic deposits from the north-western Tethys: The Campanian of the Postalm section (Gosau Group, Austria). *Cretaceous Research*, **2021**, 120, 104704	1.8	0
5	Reply to the comment on "Integrated multi-stratigraphic study of the Coll de Terrers late Permian–Early Triassic continental succession from the Catalan Pyrenees (NE Iberian Peninsula): A geologic reference record for equatorial Pangaea" by Eudald Mujal, Josep Fortuny, Jordi Pérez-Cano, Jaume Dinarès-Turell, Jordi Ibáñez-Insa, Oriol Oms, Isabel Vila, Arnau Bolet, Pere	4.2	
4	In Search of the Bartonian (Middle Eocene) GSSP (I): Potential in the Basque–Cantabrian and Aquitanian Basins (Western Pyrenees). *Springer Geology*, **2014**, 131-135	0.8	
3	Extending Back the Palaeogene Astronomical Time Scale: An Integrated Analysis of the Upper Maastrichtian Strata in the Basque Basin. *Springer Geology*, **2014**, 185-189	0.8	
2	Settling the Danian Astronomical Time Scale: A Prospective Global Unit Stratotype at Zumaia, Basque Basin. *Springer Geology*, **2014**, 191-195	0.8	
1	In Search of the Bartonian (Middle Eocene) GSSP (II): Preliminary Results from the Oyambre Section (Northern Spain). *Springer Geology*, **2014**, 79-83	0.8	