

Jaume Dinarès-Turell

List of Publications by Year in descending order

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92
papers

3,113
citations

126907

33
h-index

168389

53
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101
all docs

101
docs citations

101
times ranked

2543
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of magnetic fabrics during incipient deformation of mudrocks (Pyrenees, northern Spain). <i>Tectonophysics</i> , 1999, 307, 1-14.	2.2	253
2	Biomonitoring of traffic air pollution in Rome using magnetic properties of tree leaves. <i>Atmospheric Environment</i> , 2003, 37, 2967-2977.	4.1	192
3	The Ainsa Fold and thrust oblique zone of the central Pyrenees: Kinematics of a curved contractional system from paleomagnetic and structural data. <i>Tectonics</i> , 2013, 32, 1142-1175.	2.8	131
4	The middle Eocene climatic optimum event in the Contessa Highway section, Umbrian Apennines, Italy. <i>Bulletin of the Geological Society of America</i> , 2007, 119, 413-427.	3.3	96
5	Testing models for the Messinian salinity crisis: The Messinian record in Almería, SE Spain. <i>Sedimentary Geology</i> , 2006, 188-189, 131-154.	2.1	90
6	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
7	Evidence of an abrupt environmental disruption during the mid-Paleocene biotic event (Zumaia) Tj ETQq1 1 0.784314 rgBT / Overlock 10	3.3	84
8	Sedimentary and diagenetic markers of the restriction in a marine basin: the Lorca Basin (SE Spain) during the Messinian. <i>Sedimentary Geology</i> , 1998, 121, 23-55.	2.1	83
9	Untangling the Palaeocene climatic rhythm: an astronomically calibrated Early Palaeocene magnetostratigraphy and biostratigraphy at Zumaia (Basque basin, northern Spain). <i>Earth and Planetary Science Letters</i> , 2003, 216, 483-500.	4.4	80
10	Astronomical calibration of the Danian stage (Early Paleocene) revisited: Settling chronologies of sedimentary records across the Atlantic and Pacific Oceans. <i>Earth and Planetary Science Letters</i> , 2014, 405, 119-131.	4.4	72
11	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
12	Integrated stratigraphy from the Vallcebre Basin (southeastern Pyrenees, Spain): New insights on the continental Cretaceous-Tertiary transition in southwest Europe. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 255, 35-47.	2.3	65
13	Inter-laboratory calibration of low-field magnetic and anhysteretic susceptibility measurements. <i>Physics of the Earth and Planetary Interiors</i> , 2003, 138, 25-38.	1.9	60
14	Vertical-axis rotation of a foreland fold and implications for orogenic curvature: an example from the Southern Pyrenees, Spain. <i>Earth and Planetary Science Letters</i> , 2004, 218, 435-449.	4.4	58
15	Evidence for a variable paleomagnetic lock-in depth in the Holocene sequence from the Salerno Gulf (Italy): Implications for high-resolution paleomagnetic dating. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	2.5	58
16	Closing the Mid-Palaeocene gap: Toward a complete astronomically tuned Palaeocene Epoch and Selandian and Thanetian GSSPs at Zumaia (Basque Basin, W Pyrenees). <i>Earth and Planetary Science Letters</i> , 2007, 262, 450-467.	4.4	57
17	The diversity of sauropod dinosaurs and their first taxonomic succession from the latest Cretaceous of southwestern Europe: Clues to demise and extinction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 350-352, 19-38.	2.3	52
18	Latest Cretaceous climatic and environmental change in the South Atlantic region. <i>Paleoceanography</i> , 2017, 32, 466-483.	3.0	51

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19	Remagnetization of Lower Cretaceous limestones from the southern Pyrenees and relation to the Iberian plate geodynamic evolution. <i>Journal of Geophysical Research</i> , 2000, 105, 19405-19418.	3.3	49
20	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
21	Basin infill architecture and evolution from magnetostratigraphic cross-basin correlations in the southeastern Pyrenean foreland basin. <i>Bulletin of the Geological Society of America</i> , 1999, 111, 1155-1174.	3.3	45
22	Relative geomagnetic paleointensity from the Jaramillo Subchron to the Matuyama/Brunhes boundary as recorded in a Mediterranean piston core. <i>Earth and Planetary Science Letters</i> , 2002, 194, 327-341.	4.4	42
23	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
24	Sedimentological and paleoenvironmental scenario before, during, and after the Messinian Salinity Crisis: The San Miguel de Salinas composite section (western Mediterranean). <i>Marine Geology</i> , 2016, 379, 246-266.	2.1	42
25	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. <i>Cretaceous Research</i> , 2018, 91, 312-340.	1.4	42
26	Refinements of the European Mammal Biochronology from the Magnetic Polarity Record of the Pliocene-Pleistocene Zárjar Section, Guadix-Baza Basin, SE Spain. <i>Quaternary Research</i> , 1999, 51, 94-103.	1.7	39
27	Quaternary climatic control of biogenic magnetite production and eolian dust input in cores from the Mediterranean Sea. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 190, 195-209.	2.3	39
28	œBuntsandsteinœ magnetostratigraphy and biostratigraphic reappraisal from eastern Iberia: Early and Middle Triassic stage boundary definitions through correlation to Tethyan sections. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 229, 158-177.	2.3	39
29	The Messinian-early Pliocene stratigraphic record in the southern Bajo Segura Basin (Betic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 267-288.	2.1	39
30	Magnetic Fabric in Two Sedimentary Rock-Types from the Southern Pyrenees.. <i>Journal of Geomagnetism and Geoelectricity</i> , 1993, 45, 193-205.	0.9	37
31	The Cyclostratigraphy Intercomparison Project (CIP): consistency, merits and pitfalls. <i>Earth-Science Reviews</i> , 2019, 199, 102965.	9.1	37
32	Title is missing!. <i>Studia Geophysica Et Geodaetica</i> , 2003, 47, 275-288.	0.5	36
33	Palaeomagnetic chronology of the evaporitic sedimentation in the Neogene Fortuna Basin (SE Spain): early restriction preceding the 'Messinian Salinity Crisis'. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999, 154, 161-178.	2.3	34
34	A composite record of Late Pleistocene relative geomagnetic paleointensity from the Wilkes Land Basin (Antarctica). <i>Physics of the Earth and Planetary Interiors</i> , 2005, 151, 223-242.	1.9	34
35	Eocene-Oligocene paleoceanographic changes in the stratotype section, Massignano, Italy: Clues from rock magnetism and stable isotopes. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	34
36	Magnetostratigraphic and cyclostratigraphic calibration of a prospective Palaeocene/Eocene stratotype at Zumaia (Basque Basin, northern Spain). <i>Terra Nova</i> , 2002, 14, 371-378.	2.1	33

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37	High-resolution intra- and interbasinal correlation of the Danian–Selandian transition (Early Tj ETQq1 1.0.784314 rgBT /Overlock 10 T) Palaeoclimatology, Palaeoecology, 2010, 297, 511-533.	2.3	33
38	The upper Maastrichtian dinosaur fossil record from the southern Pyrenees and its contribution to the top of the Cretaceous–Palaeogene mass extinction event. Cretaceous Research, 2016, 57, 540-551.	1.4	33
39	Palaeoceanographic controls on reef deposition: the Messinian Cariatiz reef (Sorbas Basin, Almería, SE Tj ETQq1 1.0.784314 rgBT /Overlock 10 T)	3.1	32
40	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. Lethaia, 2009, 42, 255-264.	1.4	32
41	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.	4.4	30
42	Chronostratigraphic synthesis of the latest Cretaceous dinosaur turnover in south-western Europe. Earth-Science Reviews, 2019, 191, 168-189.	9.1	29
43	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.	0.4	28
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. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 1996, 201, 179-242.	0.4	27
45	The Palaeocene – top chron C27 – transient greenhouse episode: evidence from marine pelagic Atlantic and peri-Tethyan sections. Terra Nova, 2012, 24, 477-486.	2.1	26
46	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.	1.2	25
47	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.	1.9	25
48	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.	1.2	25
49	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 Pangea. Global and Planetary Change, 2017, 159, 46-60.	3.5	24
50	High-resolution petrophysical and palaeomagnetic study of late-Holocene shelf sediments, Salerno Gulf, Tyrrhenian Sea. Holocene, 2004, 14, 426-435.	1.7	23
51	Aridification across the Carboniferous–Permian transition in central equatorial Pangea: The Catalan Pyrenean succession (NE Iberian Peninsula). Sedimentary Geology, 2018, 363, 48-68.	2.1	23
52	Remagnetization mechanism of Lower Cretaceous rocks from the Organyà Basin (Pyrenees, Spain). Studia Geophysica Et Geodaetica, 2008, 52, 187-210.	0.5	21
53	Environmental magnetic record of paleoclimate change from the Eocene-Oligocene stratotype section, Massignano, Italy. Geophysical Research Letters, 2004, 31, .	4.0	20
54	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.	2.1	20

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55	Magnetostratigraphy of the Maastrichtian continental record in the Upper Aude Valley (northern) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 100 Research, 2016, 57, 457-472.	1.4	19
56	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.	0.4	19
57	Paleomagnetism of Siluro-Devonian sequences, NE Spain. Journal of Geophysical Research, 2000, 105, 23595-23603.	3.3	16
58	The Tortonian salinity crisis in the Fortuna Basin (southeastern Spain): Stratigraphic record, tectonic scenario and chronostratigraphy. Comptes Rendus - Geoscience, 2008, 340, 474-481.	1.2	16
59	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.	1.5	16
60	A cautionary tale for palaeomagnetists: A spurious apparent single component remanence due to overlap of blockingâ€¢temperature spectra of two components. Geophysical Research Letters, 1991, 18, 1297-1300.	4.0	14
61	Nannoplankton biostratigraphic calibration of the evaporitic events in the Neogene Fortuna Basin (SE) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 100	1.4	14
62	The Last Pterosaurs: First Record from the Uppermost Maastrichtian of the Tremp Syncline (Northern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 100	1.4	14
63	Albian syndepositional block rotation and its geological consequences, Basqueâ€¢Cantabrian Basin (western Pyrenees). Geological Magazine, 2013, 150, 986-1001.	1.5	14
64	The Lutetian/Bartonian transition (middle Eocene) at the Oyambre section (northern Spain): Implications for standard chronostratigraphy. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 440, 234-248.	2.3	13
65	Should Unit-Stratotypes and Astrochronozones be formally defined? A dual proposal (including) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 100	1.2	13
66	Iberian Triassic paleomagnetism revisited: Intraplate block rotations versus polar wandering. Geophysical Research Letters, 1994, 21, 2155-2158.	4.0	12
67	Plankton biostratigraphy and magnetostratigraphy of the Santonianâ€¢Campanian boundary interval in the Mudurnuâ€¢GÃ¶ynÃ¼k Basin, northwestern Turkey. Cretaceous Research, 2018, 87, 296-311.	1.4	12
68	The last Eocene hyperthermal (Chron C19r event, ~41.5â€¢Ma): Chronological and paleoenvironmental insights from a continental margin (Cape Oyambre, N Spain). Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 505, 198-216.	2.3	12
69	Calcareous nannofossil response to Late Cretaceous climate change in the eastern Tethys (Zagros) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 100	2.3	12
70	Highâ€¢Resolution Integrated Cyclostratigraphy From the Oyambre Section (Cantabria, N Iberian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 100 Records. Geochemistry, Geophysics, Geosystems, 2018, 19, 787-806.	2.5	11
71	Diagenesis and remanence acquisition in the Lower Pliocene Trubi marls at Punta di Maiata (southern) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 100 151, 53-69.	1.3	10
72	In search of the Burdigalian GSSP: new evidence from the Contessa Section (Italy). Italian Journal of Geosciences, 2019, 138, 274-295.	0.8	8

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73	A deformed Pliocene-Quaternary alluvial and red paleosol succession in the Eastern Betics: Paleomagnetic, rock-magnetic and sedimentological pilot study. <i>Studia Geophysica Et Geodaetica</i> , 1995, 39, 405-419.	0.5	4
74	Orbital variations in planktonic foraminifera assemblages from the Ionian Sea during the Middle Pleistocene Transition. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 369, 303-312.	2.3	4
75	Geology and taphonomy of the L'Espinau dinosaur bonebed, a singular lagoonal site from the Maastrichtian of South-Central Pyrenees. <i>Sedimentary Geology</i> , 2017, 355, 75-92.	2.1	4
76	Integrated Quantitative Calcareous Plankton Bio-Magnetostratigraphy of the Early Miocene from IODP Leg 342, Hole U1406A, Newfoundland Ridge, NW Atlantic Ocean. <i>Stratigraphy and Geological Correlation</i> , 2019, 27, 259-276.	0.8	3
77	An integrated multi-proxy study of cyclic pelagic deposits from the north-western Tethys: The Campanian of the Postalm section (Gosau Group, Austria). <i>Cretaceous Research</i> , 2021, 120, 104704.	1.4	3
78	Palaeoecology of Middle Triassic tetrapod ichnoassociations (middle Muschelkalk, NE Iberian) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 565, 110204.	2.3	3
79	A 1â€Millionâ€Year Record of Environmental Change in the Central Mediterranean Sea From Organic Molecular Proxies. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2021PA004289.	2.9	3
80	Earlyâ€middle Permian ecosystems of equatorial Pangaea: Integrated multi-stratigraphic and palaeontological review of the Permian of Mallorca (Balearic Islands, western Mediterranean). <i>Earth-Science Reviews</i> , 2022, 228, 103948.	9.1	3
81	Physical and geochemical record of an early Eocene carbonâ€cycle perturbation on a turbiditic continental margin. <i>Sedimentology</i> , 2021, 68, 881-904.	3.1	2
82	Reassessing the Bartonian unit stratotype at Alum Bay (Isle of Wight, UK): an integrated approach. <i>Newsletters on Stratigraphy</i> , 2020, , .	1.2	2
83	The Relevance of Iberian Sedimentary Successions for Paleogene Stratigraphy and Timescales. <i>Stratigraphy & Timescales</i> , 2016, , 393-489.	0.5	1
84	Paleomagnetic dating of tectonically influenced Plio-Quaternary fan-system deposits from the Apennines (Italy). <i>Annals of Geophysics</i> , 2015, 58, .	1.0	1
85	Reply to the comment on â€integrated multi-stratigraphic study of the Coll de Terrers late Permianâ€Early Triassic continental succession from the Catalan Pyrenees (NE Iberian Peninsula): A geologic reference record for equatorial Pangaeaâ€by Eudald Mujal, Josep Fortuny, Jordi PÃ©rez-Cano, Jaume DinarÃ¡s-Turell, Jordi IbÃ¡Ã±ez-Insa, Oriol Oms, Isabel Vila, Arnau Bolet, Pere AnadÃ¡n [Global and Planetary Change 158 (2017) 160â€169]. <i>Global and Planetary Change</i> , 2019, 174, 100-103	3.5	0
86	Paleomagnetism from multi-orogenic terranes is â€not a simple gameâ€. <i>Pyrenees' Paleozoic warning. Geophysical Journal International</i> , 0, , .	2.4	0
87	Paleomagnetic dating of non-sulfide Zn-Pb ores in SW Sardinia (Italy): a first attempt. <i>Annals of Geophysics</i> , 2009, 48, .	1.0	0
88	In Search of the Bartonian (Middle Eocene) GSSP (I): Potential in the Basqueâ€Cantabrian and Aquitanian Basins (Western Pyrenees). <i>Springer Geology</i> , 2014, , 131-135.	0.3	0
89	Settling the Danian Astronomical Time Scale: A Prospective Global Unit Stratotype at Zumaia, Basque Basin. <i>Springer Geology</i> , 2014, , 191-195.	0.3	0
90	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

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91	Status and perspectives integrating marine and terrestrial archives. Rendiconti Online Societa Geologica Italiana, 0, 31, 225-225.	0.3	0
92	Astronomical calibration of the Danian Stage (Early Paleocene) revisited: settling chronologies across the Atlantic and Pacific Oceans. Rendiconti Online Societa Geologica Italiana, 0, 31, 64-65.	0.3	0