

Carlos L Liesa

List of Publications by Year in descending order

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52
papers

1,192
citations

361045

20
h-index

414034

32
g-index

53
all docs

53
docs citations

53
times ranked

951
citing authors

#	ARTICLE	IF	CITATIONS
1	Favoured states of palaeostress in the Earth's crust: evidence from fault-slip data. <i>Journal of Structural Geology</i> , 2006, 28, 1051-1066.	1.0	78
2	Reliability of methods to separate stress tensors from heterogeneous fault-slip data. <i>Journal of Structural Geology</i> , 2004, 26, 559-572.	1.0	64
3	Lateral variability of ancient seismites related to differences in sedimentary facies (the synrift) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 4	1.0	58
4	Extensional fault control on the sedimentation patterns in a continental rift basin: El Castellar Formation, Galve sub-basin, Spain. <i>Journal of the Geological Society</i> , 2006, 163, 487-498.	0.9	53
5	Evolution of intraplate stress fields under multiple remote compressions: The case of the Iberian Chain (NE Spain). <i>Tectonophysics</i> , 2009, 474, 144-159.	0.9	52
6	Seismites from a well core of palustrine deposits as a tool for reconstructing the palaeoseismic history of a fault. <i>Tectonophysics</i> , 2015, 655, 191-205.	0.9	51
7	Slumping and a sandbar deposit at the Cretaceous-Tertiary boundary in the El Tecolote section (northeastern Mexico): An impact-induced sediment gravity flow. <i>Geology</i> , 2001, 29, 231.	2.0	47
8	Lacustrine system evolution during early rifting: El Castellar Formation (Galve sub-basin, Central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	1.0	47
9	Paleoseismological analysis of an intraplate extensional structure: the Concud fault (Iberian Chain,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 4	0.9	35
10	Stratigraphy and evolution of the Galve sub-basin (Spain) in the middle Tithonian-early Barremian: Implications for the setting and age of some dinosaur fossil sites. <i>Cretaceous Research</i> , 2016, 65, 138-162.	0.6	35
11	Glacial dropstones in the western Tethys during the late Aptian-early Albian cold snap: Palaeoclimate and palaeogeographic implications for the mid-Cretaceous. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 452, 11-27.	1.0	35
12	The Cretaceous/Tertiary boundary: sedimentology and micropalaeontology at El Mulato section, NE Mexico. <i>Terra Nova</i> , 2002, 14, 330-336.	0.9	34
13	High-frequency, moderate to high-amplitude sea-level oscillations during the late Early Aptian: Insights into the Mid-Aptian event (Galve sub-basin, Spain). <i>Sedimentary Geology</i> , 2013, 294, 233-250.	1.0	33
14	Aeolian construction and alluvial dismantling of a fault-bounded intracontinental aeolian dune field (Teruel Basin, Spain); a continental perspective on Late Pliocene climate change and variability. <i>Sedimentology</i> , 2012, 59, 1536-1567.	1.6	32
15	Active extensional faults in the central-eastern Iberian Chain, Spain. <i>Journal of Iberian Geology</i> , 2012, 38, .	0.7	31
16	Controls on space-time distribution of soft-sediment deformation structures: Applying palaeomagnetic dating to approach the apparent recurrence period of paleoseisms at the Concud Fault (eastern Spain). <i>Sedimentary Geology</i> , 2016, 344, 91-111.	1.0	28
17	The Late Jurassic-early Cretaceous Rifting. <i>Regional Geology Reviews</i> , 2019, , 169-249.	1.2	27
18	A thick Tethyan multi-bed tsunami deposit preserving a dinosaur megatracksite within a coastal lagoon (Barremian, eastern Spain). <i>Sedimentary Geology</i> , 2014, 313, 105-127.	1.0	26

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19	Facies control on seismites in an alluvial-aeolian system: The Pliocene dunefield of the Teruel half-graben basin (eastern Spain). <i>Sedimentary Geology</i> , 2016, 344, 237-252.	1.0	26
20	Spatial variability of multi-controlled aeolian supersurfaces in central-erg and marine-erg-margin systems. <i>Aeolian Research</i> , 2013, 11, 141-154.	1.1	25
21	Spatial and temporal variation of palaeoseismic activity at an intraplate, historically quiescent structure: The Concud fault (Iberian Chain, Spain). <i>Tectonophysics</i> , 2014, 632, 167-187.	0.9	24
22	Barremian synrift sedimentation in the Oliete sub-basin (Iberian Basin, Spain): palaeogeographical evolution and distribution of vertebrate remains. <i>Journal of Iberian Geology</i> , 2018, 44, 285-308.	0.7	22
23	Changing physiography of rift basins as a control on the evolution of mixed siliciclastic-carbonate back-barrier systems (Barremian Iberian Basin, Spain). <i>Sedimentary Geology</i> , 2013, 289, 40-61.	1.0	21
24	Normal fault development in a sedimentary succession with multiple detachment levels: the Lower Cretaceous Oliete sub-basin, Eastern Spain. <i>Basin Research</i> , 2007, 19, 409-435.	1.3	20
25	Stress perturbations registered by jointing near strike-slip, normal, and reverse faults: Examples from the Ebro Basin, Spain. <i>Journal of Geophysical Research</i> , 1999, 104, 15141-15153.	3.3	19
26	Micropaleontology and sedimentology across the Cretaceous/Tertiary boundary at La Ceiba (Mexico): impact-generated sediment gravity flows. <i>Journal of South American Earth Sciences</i> , 2001, 14, 505-519.	0.6	19
27	The Variscan Millares granite (central Pyrenees): Pluton emplacement in a T fracture of a dextral shear zone. <i>Geodinamica Acta</i> , 2006, 19, 197-211.	2.2	17
28	Space-time distribution of ancient and active alluvial karst subsidence: examples from the central Ebro Basin, Spain. <i>Environmental Geology</i> , 2008, 53, 1057-1065.	1.2	17
29	Three dimensional characterization of complex mantled karst structures. Decision making and engineering solutions applied to a road overlying evaporite rocks in the Ebro Basin (Spain). <i>Engineering Geology</i> , 2015, 193, 158-172.	2.9	16
30	Geophysical characterization of buried active faults: the Concud Fault (Iberian Chain, NE Spain). <i>International Journal of Earth Sciences</i> , 2016, 105, 2221-2239.	0.9	16
31	Enhanced palaeoseismic succession at the Concud Fault (Iberian Chain, Spain): new insights for seismic hazard assessment. <i>Natural Hazards</i> , 2016, 80, 1967-1993.	1.6	16
32	Incremental slip history of a thrust: diverse transport directions and internal folding of the Utrillas thrust sheet (NE Iberian Chain, Spain). <i>Geological Society Special Publication</i> , 2011, 349, 77-97.	0.8	15
33	Climatic vs. tectonic signals in a continental extensional basin (Teruel, NE Spain) from stable isotope ($\delta^{18}O$) and sequence stratigraphical evolution. <i>Terra Nova</i> , 2014, 26, 337-346.	0.9	15
34	Role of extensional structures on the location of folds and thrusts during tectonic inversion (northern Iberian Chain, Spain). <i>Geodinamica Acta</i> , 1999, 12, 113-132.	2.2	14
35	Assessing interaction of active extensional faults from structural and paleoseismological analysis: The Teruel and Concud faults (eastern Spain). <i>Journal of Structural Geology</i> , 2017, 103, 100-119.	1.0	14
36	Stress evolution and structural inheritance controlling an intracontinental extensional basin: The central-northern sector of the Neogene Teruel Basin. <i>Journal of Structural Geology</i> , 2019, 118, 362-376.	1.0	14

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37	Alluvial sedimentation and tectono-stratigraphic evolution in a narrow extensional zigzag basin margin (northern Teruel Basin, Spain). <i>Journal of Palaeogeography</i> , 2019, 8, .	0.9	13
38	A Probabilistic Approach for Identifying Independent Remote Compressions in an Intraplate Region: The Iberian Chain (Spain). <i>Mathematical Geosciences</i> , 2007, 39, 337-348.	0.9	11
39	Segmentation and increasing activity in the Neogene-Quaternary Teruel Basin rift (Spain) revealed by morphotectonic approach. <i>Journal of Structural Geology</i> , 2020, 135, 104043.	1.0	10
40	Role of extensional structures on the location of folds and thrusts during tectonic inversion (northern Iberian Chain, Spain). <i>Geodinamica Acta</i> , 1999, 12, 113-132.	2.2	9
41	An Early Triassic evolving erg system (Iberian Chain, NE Spain): palaeoclimate implications. <i>Terra Nova</i> , 2011, 23, 76-84.	0.9	8
42	Stress Partitioning: a Practical Concept for Analysing Boundary Conditions of Brittle Deformation. <i>Geodinamica Acta</i> , 2008, 21, 107-115.	2.2	6
43	Climate-driven cyclicity in an Early Cretaceous synrift lacustrine series (Aguilón subbasin, NE Spain). <i>Terra Nova</i> , 2012, 24, 407-416.	0.9	6
44	Role of transverse structures in paleoseismicity and drainage rearrangement in rift systems: the case of the Valdecebro fault zone (Teruel graben, eastern Spain). <i>International Journal of Earth Sciences</i> , 2019, 108, 1429-1449.	0.9	6
45	Cretaceous-Tertiary boundary planktic foraminiferal mass extinction and biochronology at La Ceiba and Bochil, Mexico, and El Kef, Tunisia. , 2002, , .		6
46	Reply to the discussion by F. Gutiérrez, P. Lucha, J. Guerrero, M. Gutiérrez and D. Carbonel on the article "Paleoseismological analysis of an intraplate extensional structure: the Concud fault (Iberian Tj ETQq0 0 OrgBT /Overlock 10 T		
47	Correlation of sedimentary units from grain-size and mineralogic analyses as a tool for constraining trench interpretations in palaeoseismology. <i>International Journal of Earth Sciences</i> , 2014, 103, 2327-2333.	0.9	5
48	Late Neogene to Early Quaternary climate evolution in southwestern Europe from a continental perspective. <i>Global and Planetary Change</i> , 2022, 211, 103788.	1.6	4
49	Latest Jurassic–Early Cretaceous synrift evolution of the Torrelapaja Subbasin (Cáceres Basin): implications for Northeast Iberia palaeogeography. <i>Cretaceous Research</i> , 2021, 128, 104997.	0.6	2
50	Title is missing!. <i>Geology</i> , 2002, 30, 383-383.	2.0	2
51	Facies and petrophysical modelling of a thick lower cretaceous tsunami deposit in E Spain: Up-scaling from sample to outcrop scales. <i>Sedimentary Geology</i> , 2016, 343, 38-55.	1.0	1
52	Hanging-wall deformation at the active Sierra Palomera extensional fault (Jiloca basin, Spain) from structural, morphotectonic, geophysical and trench study. <i>Tectonophysics</i> , 2022, 828, 229274.	0.9	1