Jose F Barrenechea

List of Publications by Year
in descending order

56 papers	1,497 citations	257450 24 h-index	315739 38 g-index
58 all docs	58 docs citations	58 times ranked	1298 citing authors

#	Article	IF	Citations
1	Impact of Permian mass extinctions on continental invertebrate infauna. Terra Nova, 2021, 33, 455-464.	2.1	2
2	Early Permian during the Variscan orogen collapse in the equatorial realm: insights from the Cantabrian Mountains (N Iberia) into climatic and environmental changes. International Journal of Earth Sciences, 2021, 110, 1355-1387.	1.8	7
3	Permian and Triassic paleosols in the fluvial-lacustrine record of the central Pyrenees Basin, Spain: A stratigraphic tool for interpreting syn-tectonic sedimentary evolution and paleoclimate. Newsletters on Stratigraphy, 2021, 54, 377-404.	1.2	2
4	Transition between Variscan and Alpine cycles in the Pyrenean-Cantabrian Mountains (N Spain): Geodynamic evolution of near-equator European Permian basins. Global and Planetary Change, 2021, 207, 103677.	3.5	12
5	Geochemical markers of paleoenvironments, weathering, and provenance in Permianâ€“Triassic terrestrial sediments. Journal of Sedimentary Research, 2020, 90, 906-920.	1.6	3
6	Gradual changes in the Olenekian-Anisian continental record and biotic implications in the Central-Eastern Pyrenean basin, NE Spain. Global and Planetary Change, 2020, 192, 103252.	3.5	2
7	State of the art of Triassic palynostratigraphical knowledge of the Cantabrian Mountains (N Spain). Comptes Rendus - Geoscience, 2020, 352, 475-493.	1.2	1
8	Could acidity be the reason behind the Early Triassic biotic crisis on land?. Chemical Geology, 2019, 515, 77-86.	3.3	8
9	Comment on a€œIntegrated 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 AnadÃ³n. Global and Planetary Change 159 (2017) 46â€“60. Global and Planetary Change, 2019, 174, 172-179.	3.5	0
10	New Upper Carboniferous palynofloras from Southern Pyrenees (NE Spain): Implications for palynological zonation of Western Europe. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 516, 307-321.	2.3	12
11	New lithostratigraphy for the Cantabrian Mountains: A common tectono-stratigraphic evolution for the onset of the Alpine cycle in the W Pyrenean realm, N Spain. Earth-Science Reviews, 2019, 188, 249-271.	9.1	35
12	Gossans, Slates, and the Red and Black Hamlets of Segovia (Spain): Interrelated Geological and Architectural Features. Geoheritage, 2018, 10, 109-121.	2.8	3
13	Palynostratigraphy of the Middle Triassic (Anisian) Eslida Formation, SE Iberian Ranges, Spain. Palynology, 2018, 42, 149-157.	1.5	5
14	Sedimentology, clay mineralogy and palaeosols of the Mid-Carnian Pluvial Episode in eastern Spain: insights into humidity and sea-level variations. Journal of the Geological Society, 2018, 175, 993-1003.	2.1	24
15	Syn-tectonic sedimentary evolution of the continental late Palaeozoic-early Mesozoic Erill Castell-Estac Basin and its significance in the development of the central Pyrenees Basin. Sedimentary Geology, 2018, 374, 134-157.	2.1	20
16	Quantifying aluminium phosphateâ€“sulphate minerals as markers of acidic conditions during the Permianâ€“Triassic transition in the Iberian Ranges, E Spain. Chemical Geology, 2016, 429, 10-20.	3.3	14
17	Constraining the Permian/Triassic transition in continental environments: Stratigraphic and paleontological record from the Catalan Pyrenees (NE Iberian Peninsula). Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 445, 18-37.	2.3	31
18	The Late Palaeozoic-Early Mesozoic from the Catalan Pyrenees (Spain): 60Myr of environmental evolution in the frame of the western peri-Tethyan palaeogeography. Earth-Science Reviews, 2015, 150, 679-708.	9.1	44

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19	Climate changes during the Earlyâ€“Middle Triassic transition in the E. Iberian plate and their palaeogeographic significance in the western Tethys continental domain. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 440, 671-689.	2.3	25
20	Vein graphite deposits: geological settings, origin, and economic significance. Mineralium Deposita, 2014, 49, 261-277.	4.1	72
21	Palaeoenvironmental reconstruction of the early Anisian from sedimentology and plant remains in the SE Iberian Range (E Spain). Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 414, 352-369.	2.3	13
22	Early Triassic Fluvialâ€“Aeolian Interaction in the Catalan Ranges (Northeastern Spain) and Its Palaeogeographical Significance for the Western Tethys. Springer Geology, 2014, , 1181-1184.	0.3	0
23	Sources of Sr and S In Aluminum-Phosphate-Sulfate Minerals In Early-Middle Triassic Sandstones (Iberian Ranges, Spain) and Paleoenvironmental Implications for the West Tethys. Journal of Sedimentary Research, 2013, 83, 406-426.	1.6	7
24	Palaeoenvironmental implications of aluminium phosphate-sulphate minerals in Earlyâ€“Middle Triassic continental sediments, SE Iberian Range (Spain). Sedimentary Geology, 2013, 289, 169-181.	2.1	14
25	The beginning of the Buntsandstein cycle (Earlyâ€“Middle Triassic) in the Catalan Ranges, NE Spain: Sedimentary and palaeogeographic implications. Sedimentary Geology, 2013, 296, 86-102.	2.1	26
26	First report of a Middle-Upper Permian magmatism in the SE Iberian Ranges: characterisation and comparison with coeval magmatisms in the western Tethys. Journal of Iberian Geology, 2013, 38, .	1.3	4
27	Key factors controlling massive graphite deposition in volcanic settings: an example of a self-organized critical system. Journal of the Geological Society, 2012, 169, 269-277.	2.1	6
28	Carbon isotopes of graphite: Implications on fluid history. Geoscience Frontiers, 2012, 3, 197-207.	8.4	84
29	U-Pb Ages of Detrital Zircons from the Permo-Triassic Series of the Iberian Ranges: A Record of Variable Provenance during Rift Propagation. Journal of Geology, 2012, 120, 135-154.	1.4	17
30	Paleoecological and paleoenvironmental changes during the continental Middleâ€“Late Permian transition at the SE Iberian Ranges, Spain. Global and Planetary Change, 2012, 94-95, 46-61.	3.5	31
31	Sedimentary evolution of the continental Earlyâ€“Middle Triassic CaÃ±izar Formation (Central Spain): Implications for life recovery after the Permianâ€“Triassic crisis. Sedimentary Geology, 2012, 249-250, 26-44.	2.1	31
32	Shallow burial dolomitisation of Middleâ€“Upper Permian paleosols in an extensional tectonic context (SE Iberian Basin, Spain): Controls on temperature of precipitation and source of fluids. Sedimentary Geology, 2011, 237, 135-149.	2.1	3
33	Microstructure and mineralogy of lightweight aggregates manufactured from mining and industrial wastes. Construction and Building Materials, 2011, 25, 3591-3602.	7.2	60
34	Microstructure and mineralogy of lightweight aggregates produced from washing aggregate sludge, fly ash and used motor oil. Cement and Concrete Composites, 2010, 32, 694-707.	10.7	58
35	New ichnites from the Middle Triassic of the Iberian Ranges (Spain): paleoenvironmental and paleogeographical implications. Historical Biology, 2010, 22, 40-56.	1.4	28
36	The graphite deposit at Borrowdale (UK): A catastrophic mineralizing event associated with Ordovician magmatism. Geochimica Et Cosmochimica Acta, 2010, 74, 2429-2449.	3.9	43

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37	Graphite morphologies from the Borrowdale deposit (NW England, UK): Raman and SIMS data. Contributions To Mineralogy and Petrology, 2009, 158, 37-51.	3.1	45
38	Deposition of highly crystalline graphite from moderate-temperature fluids. Geology, 2009, 37, 275-278.	4.4	75
39	Palaeoenvironmental significance of Late Permian palaeosols in the SouthâEastern Iberian Ranges, Spain. Sedimentology, 2008, 55, 1849-1873.	3.1	27
40	Late Permian plant remains in the SE Iberian Ranges, Spain: Biodiversity and palaeovegetational significance. Comptes Rendus - Palevol, 2007, 6, 403-411.	0.2	12
41	Influence of grinding on graphite crystallinity from experimental and natural data: implications for graphite thermometry and sample preparation. Mineralogical Magazine, 2006, 70, 697-707.	1.4	26
42	State of a Bentonite Barrier after 8 Years of Heating and Hydration in the Laboratory. Materials Research Society Symposia Proceedings, 2006, 985, 1.	0.1	2
43	Mechanical graphite transport in fault zones and the formation of graphite veins. Mineralogical Magazine, 2005, 69, 463-470.	1.4	17
44	Clay minerals as provenance indicators in continental lacustrine sequences: the Leza Formation, early Cretaceous, Cameros Basin, northern Spain. Clay Minerals, 2005, 40, 79-92.	0.6	8
45	Late Permian continental sediments in the SE Iberian Ranges, eastern Spain: Petrological and mineralogical characteristics and palaeoenvironmental significance. Palaeogeography, Palaeoclimatology, Palaeoecology, 2005, 229, 24-39.	2.3	26
46	Significance of graphite occurrences in the Aracena Metamorphic Belt, Iberian Massif. Geological Magazine, 2004, 141, 687-697.	1.5	23
47	Formation of Nontronite from Oxidative Dissolution of Pyrite Disseminated in Precambrian Felsic Metavolcanics of the Southern Iberian Massif (spain). Clays and Clay Minerals, 2004, 52, 106-114.	1.3	24
48	Sandstone Petrography of Continental Depositional Sequences of an Intraplate Rift Basin: Western Cameros Basin (North Spain). Journal of Sedimentary Research, 2003, 73, 309-327.	1.6	59
49	Clay diagenesis and low-grade metamorphism of Tithonian and Berriasian sediments in the Cameros Basin (Spain). Clay Minerals, 2001, 36, 325-333.	0.6	17
50	Chlorite, Corrensite, and Chlorite-Mica in Late Jurassic Fluvio-Lacustrine Sediments of the Cameros Basin of Northeastern Spain. Clays and Clay Minerals, 2000, 48, 256-265.	1.3	33
51	Graphite occurrences in the low-pressure/high-temperature metamorphic belt of the Sierra de Aracena (southern Iberian Massif). Mineralogical Magazine, 2000, 64, 801-814.	1.4	19
52	Palaeogeographical significance of clay mineral assemblages in the Permian and Triassic sediments of the SE Iberian Ranges, eastern Spain. Palaeogeography, Palaeoclimatology, Palaeoecology, 1997, 136, 309-330.	2.3	26
53	Comparative study of the transition between very low-grade and low-grade metamorphism in siliciclastic and carbonate sediments: Early Cretaceous, Cameros Basin (northern Spain). Clay Minerals, 1995, 30, 407-419.	0.6	31
54	Clay mineral variations associated with diagenesis and low-grade metamorphism of Early Cretaceous sediments in the Cameros Basin, Spain. Clay Minerals, 1995, 30, 119-133.	0.6	33

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55	Graphite geothermometry in low and high temperature regimes: two case studies. Geological Magazine, 1993, 130, 501-511.	1.5	20
56	Relation between graphitization of organic matter and clay mineralogy, Silurian black shales in Central Spain. Mineralogical Magazine, 1992, 56, 477-485.	1.4	10