

# Antonio Barnolas

## List of Publications by Year in descending order

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33  
papers

1,303  
citations

331670

21  
h-index

414414

32  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Looking for clues to paleoceanographic imprints: A diagnosis of the Gulf of Cadiz contourite depositional systems. <i>Geology</i> , 2003, 31, 19.	4.4	153
2	Architectural stacking patterns of the Ebro delta controlled by Holocene high-frequency eustatic fluctuations, delta-lobe switching and subsidence processes. <i>Sedimentary Geology</i> , 1998, 117, 11-32.	2.1	123
3	Contourite deposits in the central Scotia Sea: the importance of the Antarctic Circumpolar Current and the Weddell Gyre flows. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 198, 187-221.	2.3	106
4	Autopsy on a dead spreading center: The Phoenix Ridge, Drake Passage, Antarctica. <i>Geology</i> , 2000, 28, 607.	4.4	103
5	Patterns of bottom current flow deduced from dune asymmetries over the Gulf of Cadiz shelf (southwest Spain). <i>Marine Geology</i> , 2000, 164, 91-117.	2.1	71
6	Tectonics of an extinct ridge-transform intersection, Drake Passage (Antarctica). <i>Marine Geophysical Researches</i> , 2000, 21, 43-68.	1.2	69
7	Miocene to Recent contourite drifts development in the northern Weddell Sea (Antarctica). <i>Global and Planetary Change</i> , 2005, 45, 99-129.	3.5	68
8	Platform sedimentation and collapse in a carbonate-dominated margin of a foreland basin (Jaca basin, Tj ETQq0 0 0 rgBT /Overlock 10 T	4.4	62
9	Rotational velocity for oblique structures (Boltaña anticline, Southern Pyrenees). <i>Journal of Structural Geology</i> , 2012, 35, 2-16.	2.3	55
10	Onshore-offshore correlation of the Llobregat deltaic system, Spain: Development of deltaic geometries under different relative sea-level and growth fault influences. <i>Sedimentary Geology</i> , 2009, 217, 65-84.	2.1	44
11	Geochemical characterization and isotopic age of Caradocian magmatism in the northeastern Iberian Peninsula: Insights into the Late Ordovician evolution of the northern Gondwana margin. <i>Gondwana Research</i> , 2010, 17, 325-337.	6.0	43
12	Chronostratigraphy of the Boltana anticline and the Ainsa Basin (southern Pyrenees). <i>Bulletin of the Geological Society of America</i> , 2012, 124, 1229-1250.	3.3	43
13	Structural and facies architecture of a diapir-related carbonate minibasin (lower and middle Jurassic, Tj ETQq1 1 0.784314 rgBT /Over	3.3	42
14	Combined palaeoflood and rainfall-runoff assessment of mountain floods (Spanish Pyrenees). <i>Journal of Hydrology</i> , 2001, 245, 59-72.	5.4	37
15	Lutetian magnetostratigraphic calibration of larger foraminifera zonation (SBZ) in the Southern Pyrenees: The Isuela section. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 333-334, 107-120.	2.3	34
16	The transition from an active to a passive margin (SW end of the South Shetland Trench, Antarctic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.2	29
17	Isotope records (C-O-Sr) of late Pliensbachian-early Toarcian environmental perturbations in the westernmost Tethys (Majorca Island, Spain). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 497, 168-185.	2.3	29
18	First Spanish contribution to the Geosites Project: list of the geological frameworks established by consensus. <i>Episodes</i> , 2001, 24, 79-92.	1.2	28

#	ARTICLE	IF	CITATIONS
19	Geometry and structure associated to gas-charged sediments and recent growth faults in the Ebro Delta (Spain). <i>Marine Geology</i> , 2002, 186, 351-368.	2.1	24
20	Magnetostratigraphy of the Ouarzazate Basin: Implications for the timing of deformation and mountain building in the High Atlas Mountains of Morocco.. <i>Geodinamica Acta</i> , 2010, 23, 151-165.	2.2	23
21	Anisotropic magnetic susceptibility record of the kinematics of the Boltaña Anticline (Southern Tj ETQq1 1 0.784314 rgBT /Overlo	1.3	21
22	Rotational kinematics of a curved fold: The Balzes anticline (Southern Pyrenees). <i>Tectonophysics</i> , 2016, 677-678, 171-189.	2.2	18
23	Overlapped paleomagnetic vectors and fold geometry: A case study in the Balzes anticline (Southern Tj ETQq1 1 0.784314 rgBT /Overlo	1.9	15
24	The Upper Ypresian and Lutetian in San Pelegrán section (Southwestern Pyrenean Basin): Magnetostratigraphy and larger foraminifera correlation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 370, 13-29.	2.3	14
25	Restoring paleomagnetic data in complex superposed folding settings: The Boltaña anticline (Southern Pyrenees). <i>Tectonophysics</i> , 2016, 671, 281-298.	2.2	11
26	Spatial and temporal facies evolution of a Lower Jurassic carbonate platform, NW Tethyan margin (Mallorca, Spain). <i>Facies</i> , 2019, 65, 1.	1.4	8
27	Alpine Foreland Basins. <i>Regional Geology Reviews</i> , 2019, , 7-59.	1.2	7
28	Lower Jurassic benthic foraminiferal assemblages from shallow-marine platform carbonates of Mallorca (Spain): stratigraphic implications. <i>Journal of Iberian Geology</i> , 2020, 46, 77-94.	1.3	6
29	Autopsy on a dead spreading center: The Phoenix Ridge, Drake Passage, Antarctica. <i>Geology</i> , 2000, 28, 607-610.	4.4	6
30	Orbital cycles, differential subsidence and internal factors controlling the high-frequency sequence architecture in a Sinemurian shallow carbonate platform (Mallorca island, Spain). <i>Sedimentary Geology</i> , 2020, 407, 105729.	2.1	3
31	Continental Crust Fragmentation, Small Basin Development And Deep Water Circulation In The Southern Scotia Sea (Southern Atlantic). , 2001, , .		2
32	Revisión estratigráfica del Sinemuriense-Pliensbachiense inferior de Mallorca. <i>Estudios Geológicos</i> , 2021, 77, e142.	0.2	2
33	Strontium isotope stratigraphy (SIS) dating of the Bathonian regression in western Tethys (Mallorca) Tj ETQq1 1 0.784314 rgBT /Overlo	1.3	1