

# Daniel Pastor-Galán

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,669  
citations

304743

22  
h-index

289244

40  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1273  
citing authors

#	ARTICLE	IF	CITATIONS
1	From supercontinent to superplate: Late Paleozoic Pangea's inner deformation suggests it was a short-lived superplate. <i>Earth-Science Reviews</i> , 2022, 226, 103918.	9.1	7
2	Reappraisal of the oldest high-pressure type schist in Japan: New zircon U-Pb age of the Kitomyo Schist of the Kurosegawa Belt. <i>Lithos</i> , 2021, 380-381, 105898.	1.4	9
3	Avalonia, get bent! – Paleomagnetism from SW Iberia confirms the Greater Cantabrian Orocline. <i>Geoscience Frontiers</i> , 2021, 12, 805-825.	8.4	6
4	Crustal evolution of the Paleoproterozoic Ubendian Belt (SW Tanzania) western margin: A Central African Shield amalgamation tale. <i>Gondwana Research</i> , 2021, 91, 286-306.	6.0	20
5	Cretaceous to Miocene NW Pacific Plate Kinematic Constraints: Paleomagnetism and Ar-Ar Geochronology in the Mineoka Ophiolite (Japan). <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021492.	3.4	3
6	Evidence for crustal removal, tectonic erosion and flare-ups from the Japanese evolving forearc sediment provenance. <i>Earth and Planetary Science Letters</i> , 2021, 564, 116893.	4.4	28
7	Late Paleozoic–Early Mesozoic granitoids in the Khangay-Khentey basin, Central Mongolia: Implication for the tectonic evolution of the Mongol-Okhotsk Ocean margin. <i>Lithos</i> , 2021, 404-405, 106455.	1.4	9
8	Neoproterozoic–paleozoic detrital sources in the Variscan foreland of northern Iberia: primary v. recycled sediments. <i>Geological Society Special Publication</i> , 2020, , SP503-2020-21.	1.3	5
9	Post-Eocene coupled oroclines in the Talesh (NW Iran): Paleomagnetic constraints. <i>Tectonophysics</i> , 2020, 786, 228459.	2.2	7
10	Towards FAIR Paleomagnetic Data Management Through Paleomagnetism.org 2.0. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008838.	2.5	39
11	The enigmatic curvature of Central Iberia and its puzzling kinematics. <i>Solid Earth</i> , 2020, 11, 1247-1273.	2.8	12
12	Supercontinents: myths, mysteries, and milestones. <i>Geological Society Special Publication</i> , 2019, 470, 39-64.	1.3	34
13	Late/Post Variscan Orocline Formation and Widespread Magmatism. <i>Regional Geology Reviews</i> , 2019, , 527-542.	1.2	11
14	Tangled up in folds: tectonic significance of superimposed folding at the core of the Central Iberian curve (West Iberia). <i>International Geology Review</i> , 2019, 61, 240-255.	2.1	12
15	Quantifying Arabia–Eurasia convergence accommodated in the Greater Caucasus by paleomagnetic reconstruction. <i>Earth and Planetary Science Letters</i> , 2018, 482, 454-469.	4.4	34
16	Late Paleozoic Iberian Orocline(s) and the Missing Shortening in the Core of Pangea. <i>Paleomagnetism From the Iberian Range</i> . <i>Tectonics</i> , 2018, 37, 3877-3892.	2.8	17
17	Progressive orocline formation in the Eastern Pontides–Lesser Caucasus. <i>Geological Society Special Publication</i> , 2017, 428, 117-143.	1.3	21
18	Bootstrapped total least squares orocline test: A robust method to quantify vertical-axis rotation patterns in orogens, with examples from the Cantabrian and Aegean oroclines. <i>Lithosphere</i> , 2017, 9, 499-511.	1.4	16

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19	Paleomagnetism in Extremadura (Central Iberian zone, Spain) Paleozoic rocks: extensive remagnetizations and further constraints on the extent of the Cantabrian orocline. <i>Journal of Iberian Geology</i> , 2017, 43, 583-600.	1.3	15
20	Paleomagnetism.org: An online multi-platform open source environment for paleomagnetic data analysis. <i>Computers and Geosciences</i> , 2016, 93, 127-137.	4.2	173
21	Paleomagnetism of the Central Iberian curve's putative hinge: Too many oroclines in the Iberian Variscides. <i>Gondwana Research</i> , 2016, 39, 96-113.	6.0	33
22	New kinematic constraints on the Cantabrian orocline: A paleomagnetic study from the Peñalba and Truchas synclines, NW Spain. <i>Tectonophysics</i> , 2016, 681, 195-208.	2.2	27
23	Dating of lithospheric buckling: $^{40}\text{Ar}/^{39}\text{Ar}$ ages of syn-orocline strike-slip shear zones in northwestern Iberia. <i>Tectonophysics</i> , 2015, 643, 44-54.	2.2	85
24	One or two oroclines in the Variscan orogen of Iberia? Implications for Pangea amalgamation. <i>Geology</i> , 2015, 43, 527-530.	4.4	58
25	Significance of detrital zircons in Siluro-Devonian rocks from Iberia. <i>Journal of the Geological Society</i> , 2015, 172, 309-322.	2.1	27
26	Extending the Cantabrian Orocline to two continents (from Gondwana to Laurussia). <i>Paleomagnetism from South Ireland. Earth and Planetary Science Letters</i> , 2015, 432, 223-231.	4.4	36
27	Timing and structural evolution in the limb of an orocline: The Pisuerga-Carrión Unit (southern limb) Tj ETQq1 1.0.784314 rgBT / Overlock	2.2	23
28	The Ediacaran-Early Cambrian detrital zircon record of NW Iberia: possible sources and paleogeographic constraints. <i>International Journal of Earth Sciences</i> , 2014, 103, 1335-1357.	1.8	106
29	Provenance variability along the Early Ordovician north Gondwana margin: Paleogeographic and tectonic implications of U-Pb detrital zircon ages from the Armorican Quartzite of the Iberian Variscan belt. <i>Bulletin of the Geological Society of America</i> , 2014, 126, 702-719.	3.3	89
30	Provenance analysis of the Paleozoic sequences of the northern Gondwana margin in NW Iberia: Passive margin to Variscan collision and orocline development. <i>Gondwana Research</i> , 2013, 23, 1089-1103.	6.0	87
31	Mathematica code for least-squares cone fitting and equal-area stereonet representation. <i>Computers and Geosciences</i> , 2013, 54, 203-210.	4.2	8
32	Tectonic evolution of NW Iberia during the Paleozoic inferred from the geochemical record of detrital rocks in the Cantabrian Zone. <i>Lithos</i> , 2013, 182-183, 211-228.	1.4	29
33	Kinematic constraints on buckling a lithospheric-scale orocline along the northern margin of Gondwana: A geologic synthesis. <i>Tectonophysics</i> , 2013, 582, 25-49.	2.2	127
34	Analogue modeling of lithospheric-scale orocline buckling: Constraints on the evolution of the Iberian-Armorican Arc. <i>Bulletin of the Geological Society of America</i> , 2012, 124, 1293-1309.	3.3	51
35	Conical folding in the core of an orocline. A geometric analysis from the Cantabrian Arc (Variscan) Tj ETQq1 1.0.784314 rgBT / Overlock	2.3	39
36	Buckling an orogen: The Cantabrian Orocline. <i>GSA Today</i> , 2012, , 4-9.	2.0	77

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37	Diachronous post-orogenic magmatism within a developing orocline in Iberia, European Variscides. <i>Tectonics</i> , 2011, 30, .	2.8	143
38	Orocline timing through joint analysis: Insights from the Ibero-Armorican Arc. <i>Tectonophysics</i> , 2011, 507, 31-46.	2.2	77
39	Iberian late-Variscan granitoids: Some considerations on crustal sources and the significance of mantle extraction ages. <i>Lithos</i> , 2011, 123, 121-132.	1.4	45
40	Factors affecting finite strain estimation in low-grade, low-strain clastic rocks. <i>Journal of Structural Geology</i> , 2009, 31, 1586-1596.	2.3	20
41	Paleomagnetism from multi-orogenic terranes is not a simple game. <i>Pyrenees' Paleozoic warning. Geophysical Journal International</i> , 0, , .	2.4	0
42	A virtual tour of the Ibero-Armorican orocline. <i>Journal of the Virtual Explorer</i> , 0, 43, .	0.0	3