

# Pablo G. Silva

## List of Publications by Year in descending order

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83  
papers

2,522  
citations

201674

27  
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48  
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86  
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86  
docs citations

86  
times ranked

2472  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault-generated mountain fronts in southeast Spain: geomorphologic assessment of tectonic and seismic activity. <i>Geomorphology</i> , 2003, 50, 203-225.	2.6	327
2	The impact of Quaternary sea-level and climatic change on coastal alluvial fans in the Cabo de Gata ranges, southeast Spain. <i>Geomorphology</i> , 1999, 28, 1-22.	2.6	126
3	Landscape response to strike-slip faulting linked to collisional settings: Quaternary tectonics and basin formation in the Eastern Betics, southeastern Spain. <i>Tectonophysics</i> , 1993, 224, 289-303.	2.2	116
4	Cenozoic thick-skinned deformation and topography evolution of the Spanish Central System. <i>Global and Planetary Change</i> , 2007, 58, 335-381.	3.5	104
5	The coastal archives of the last 15ka in the Atlantic-Mediterranean Spanish linkage area: Sea level and climate changes. <i>Quaternary International</i> , 2008, 181, 72-87.	1.5	101
6	Coastal uplift in continental collision plate boundaries: data from the Last Interglacial marine terraces of the Gibraltar Strait area (south Spain). <i>Tectonophysics</i> , 1999, 301, 95-109.	2.2	97
7	Fluvial dissection, isostatic uplift, and geomorphological evolution of volcanic islands (Gran Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 92	2.6	92
8	Sea level and climate changes during OIS 5e in the Western Mediterranean. <i>Geomorphology</i> , 2009, 104, 22-37.	2.6	91
9	Sedimentary record of a tsunami during Roman times, Bay of Cadiz, Spain. <i>Journal of Quaternary Science</i> , 2002, 17, 623-631.	2.1	90
10	Fan-surface dynamics and biogenic calcrete development: Interactions during ultimate phases of fan evolution in the semiarid SE Spain (Murcia). <i>Geomorphology</i> , 1998, 24, 147-167.	2.6	86
11	A comprehensive classification of Earthquake Archaeological Effects (EAE) in archaeoseismology: Application to ancient remains of Roman and Mesoamerican cultures. <i>Quaternary International</i> , 2011, 242, 20-20.	1.5	74
12	Changes in sedimentation trends in SW Iberia Holocene estuaries (Spain). <i>Quaternary International</i> , 2002, 93-94, 171-176.	1.5	65
13	Archaeoseismic record at the ancient Roman City of Baelo Claudia (Cádiz, south Spain). <i>Tectonophysics</i> , 2005, 408, 129-146.	2.2	62
14	Holocene palaeotsunami catalogue of SW Iberia. <i>Quaternary International</i> , 2011, 242, 196-200.	1.5	62
15	Large-scale architecture in non-marine basins: the response to the interplay between accommodation space and sediment supply. <i>Sedimentology</i> , 2011, 58, 1716-1736.	3.1	62
16	Quaternary laminar calcretes with bee nests: evidences of small-scale climatic fluctuations, Eastern Canary Islands, Spain. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 178, 119-135.	2.3	54
17	Landscape evolution and geodynamic controls in the Gulf of Cadiz (Huelva coast, SW Spain) during the Late Quaternary. <i>Geomorphology</i> , 2005, 68, 269-290.	2.6	52
18	Chronology of fluvial terrace sequences for large Atlantic rivers in the Iberian Peninsula (Upper Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	3.0	51

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19	Paleoseismic indications along "aseismic"™ fault segments in the Guadalentán depression (SE Spain). <i>Journal of Geodynamics</i> , 1997, 24, 105-115.	1.6	43
20	The last interglacial in the Mediterranean as a model for the present interglacial. <i>Global and Planetary Change</i> , 1993, 7, 109-117.	3.5	41
21	Retracing the Quaternary history of sea-level changes in the Spanish Mediterranean "Atlantic coasts: Geomorphological and sedimentological approach. <i>Geomorphology</i> , 2013, 196, 36-49.	2.6	37
22	Transition from alluvial to fluvial systems in the Guadalentán Depression (SE Spain) during the Holocene: Lorca Fan versus Guadalentán River. <i>Geomorphology</i> , 2008, 100, 140-153.	2.6	36
23	Active faulting and neotectonics in the Baelo Claudia area, Campo de Gibraltar (southern Spain). <i>Tectonophysics</i> , 2012, 554-557, 127-142.	2.2	32
24	Pattern of sedimentary infilling of fossil mammal traps formed in pseudokarst at Cerro de los Batallones, Madrid Basin, central Spain. <i>Sedimentology</i> , 2013, 60, 1681-1708.	3.1	31
25	Geomorphology of active faulting and seismic hazard assessment: New tools and future challenges. <i>Geomorphology</i> , 2015, 237, 1-13.	2.6	31
26	Surface and subsurface palaeoseismic records at the ancient Roman city of Baelo Claudia and the Bolonia Bay area, Cádiz (south Spain). <i>Geological Society Special Publication</i> , 2009, 316, 93-121.	1.3	30
27	Millennial/submillennial-scale sea-level fluctuations in western Mediterranean during the second highstand of MIS 5e. <i>Quaternary Science Reviews</i> , 2011, 30, 335-346.	3.0	29
28	Stratigraphy of the Arriaga Palaeolithic sites. Implications for the geomorphological evolution recorded by thickened fluvial sequences within the Manzanares River valley (Madrid Neogene Basin). <i>Journal of Quaternary Science</i> , 2011, 26, 107-118.	2.5	28
29	Polygenetic sand volcanoes: On the features of liquefaction processes generated by a single event (2012 Emilia Romagna 5.9 Mw earthquake, Italy). <i>Quaternary International</i> , 2015, 357, 329-335.	1.5	25
30	Soil evolution indices in fluvial terrace chronosequences from central Spain (Tagus and Duero). <i>Quaternary International</i> , 2011, 242, 1-3.	1.5	24
31	New advances in studies of earthquake archaeology and palaeoseismology. <i>Quaternary International</i> , 2011, 242, 1-3.	1.5	21
32	Origin of an Assemblage Massively Dominated by Carnivorans from the Miocene of Spain. <i>PLoS ONE</i> , 2013, 8, e63046.	2.5	21
33	Neotectonic fault mapping at the Gibraltar Strait Tunnel area, Bolonia Bay (South Spain). <i>Engineering Geology</i> , 2006, 84, 31-47.	6.3	18
34	Seismically induced liquefaction structures in La Magdalena archaeological site, the 4th century AD Roman Complutum (Madrid, Spain). <i>Sedimentary Geology</i> , 2016, 344, 34-46.	2.1	17
35	Contexto geomorfológico y principales rasgos tecnológicos de nuevos yacimientos del Pleistoceno Medio y Superior en el Valle Inferior del Manzanares (Madrid, España). <i>Estudios Geológicos</i> , 2012, 68, 57-89.	0.2	17
36	Geocronología de los yacimientos achelenses de Pinedo y Cien Fanegas (Valle del Tajo) e implicaciones en la evolución fluvial en el entorno de Toledo (España). <i>Estudios Geológicos</i> , 2015, 71, e029.	0.2	17

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37	3D soft-sediment deformation structures: evidence for Quaternary seismicity in the Madrid basin, Spain. <i>Terra Nova</i> , 1997, 9, 208-212.	2.1	16
38	Geomorphology applied to landscape analysis for planning and management of natural spaces. Case study: Las Batuecas-S. de Francia and Quilamas natural parks, (Salamanca, Spain). <i>Science of the Total Environment</i> , 2017, 584-585, 175-188.	8.0	15
39	ESI-07 ShakeMaps for instrumental and historical events in the Betic Cordillera (SE Spain): An approach based on geological data and applied to seismic hazard. <i>Quaternary International</i> , 2017, 451, 185-208.	1.5	15
40	Los terremotos antiguos del conjunto arqueológico romano de Baelo Claudia (Cádiz, Sur de España): Quince años de investigación arqueosismológica. <i>Estudios Geológicos</i> , 2016, 72, e050.	0.2	15
41	<sup>14</sup> C-Dated Charcoal and Sediment Drilling Cores as First Evidence of Holocene Tsunamis at the Southern Spanish Coast. <i>Radiocarbon</i> , 2007, 49, 827-835.	1.8	14
42	Towards a Plio-Pleistocene chronostratigraphy in Eastern Betic Basins (SE Spain). <i>Geodinamica Acta</i> , 1995, 8, 112-126.	2.2	13
43	Speleoseismology and palaeoseismicity of Benis Cave (Murcia, SE Spain): coseismic effects of the 1999 Mula earthquake (M <sub>b</sub> 4.8). <i>Geological Society Special Publication</i> , 2009, 316, 207-216.	1.3	12
44	Quantitative paleotopography and paleogeography around the Gibraltar Arc (South Spain) during the Messinian Salinity Crisis. <i>Geomorphology</i> , 2016, 275, 26-45.	2.6	12
45	Catalogue of the Geological Effects of Earthquakes in Spain Based on the ESI-07 Macroseismic Scale: A New Database for Seismic Hazard Analysis. <i>Geosciences (Switzerland)</i> , 2019, 9, 334.	2.2	12
46	Seismic palaeogeography of coastal zones in the Iberian Peninsula: Understanding ancient and historic earthquakes in Spain.. <i>Cuaternario Y Geomorfología</i> , 2015, 29, 31-56.	0.2	12
47	Palaeoenvironmental evolution of the Barbate-Trafalgar coast (Cadiz) during the last 140ka: Climate, sea-level interactions and tectonics. <i>Geomorphology</i> , 2008, 100, 212-222.	2.6	11
48	Soil map and 3D virtual tour using a database of soil-forming factors. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	10
49	Configuration and Evolution of the Landscape from the Geomorphological Map in the Natural Parks Batuecas-Quilamas (Central System, SW Salamanca, Spain). <i>Sustainability</i> , 2017, 9, 1458.	3.2	10
50	Coseismic vs. climatic factors in the record of relative sea level changes: an example from the Last Interglacials in SE Spain. <i>Quaternary Science Reviews</i> , 2015, 113, 60-77.	3.0	9
51	Geomorphic and stratigraphic evidence of Quaternary diapiric activity enhanced by fluvial incision. Navarrés salt wall and graben system, SE Spain. <i>Geomorphology</i> , 2019, 342, 176-195.	2.6	9
52	The AD 1755 Lisbon Earthquake-Tsunami: Seismic source modelling from the analysis of ESI-07 environmental data. <i>Quaternary International</i> , 2023, 651, 6-24.	1.5	9
53	Recent tectonic model for the Upper Tagus Basin (central Spain). <i>Journal of Iberian Geology</i> , 2012, 38, .	1.3	8
54	Archaeoseismological Analysis of a Late Bronze Age Site on the Alhama de Murcia Fault, SE Spain. <i>Geoarchaeology - an International Journal</i> , 2015, 30, 151-164.	1.5	8

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55	3-D modelling of a fossil tufa outcrop. The example of La Peña del Manto (Soria, Spain). <i>Sedimentary Geology</i> , 2016, 333, 130-146.	2.1	8
56	Analysis of faulted fan surfaces and paleosols in the Palomares Fault Zone (Betic Cordillera, SE) <i>Tectonophysics</i> , 2017, 650, 10-26.	2.6	7
57	El Periodo Cuaternario: La Historia Geológica de la Prehistoria. <i>Cuaternario Y Geomorfología</i> , 2017, 31, 113-154.	0.2	7
58	Efectos sísmicos en yacimientos arqueológicos: catalogación y cuantificación arqueosismológica.. <i>Boletín Geológico Y Minero</i> , 2018, 1129, 451-467.	0.1	7
59	Comment on "Formation of chenier plain of the Doñana marshland (SW Spain): Observations and geomorphic model" by A. Rodríguez-Ramírez and C.M. Yáñez-Camacho [ <i>Marine Geology</i> 254 (2008) 187-196]. <i>Marine Geology</i> , 2010, 275, 283-286.	2.1	6
60	Comparing semiquantitative logic trees for archaeoseismology and paleoseismology: The Baelo Claudia (southern Spain) case study. , 2010, , .		6
61	Reply to the comments by Mauz, B. and Antonioli, F. on "Sea Level and Climate Changes during OIS 5e in the Western Mediterranean" <i>Geomorphology</i> , 2009, 110, 231-235.	2.6	5
62	Are voters rationally ignorant? An empirical study of Portuguese local elections. <i>Portuguese Economic Journal</i> , 2006, 5, 31-44.	1.0	4
63	Geochronology and geoarchaeology of Pleistocene fluvial deposits in the Prados-Guatón Depression (Madrid Basin, Central Spain). <i>Quaternary International</i> , 2014, 328-329, 120-135.	1.5	4
64	New insights on speleoseismology: The geothermal gradient and heat flow values in caves for the study of active faults. <i>Quaternary International</i> , 2017, 451, 165-175.	1.5	4
65	Lichenometric dating of coseismic rockfall related to the Great Lisbon Earthquake in 1755 affecting the archaeological site of "Tolmo de Minateda" (Spain). <i>Zeitschrift für Geomorphologie</i> , 2019, 62, 271-293.	0.8	4
66	3D Modelling of Archaeoseismic Damage in the Roman Site of Baelo Claudia (Gibraltar Arc, South) <i>Tectonophysics</i> , 2017, 650, 10-26.	2.5	4
67	Ancient earthquakes from archaeoseismic evidence during the Visigothic and Islamic periods in the archaeological site of "Tolmo de Minateda" (SE Spain). , 2010, , .		3
68	Geomorphological and Geochronological Analysis Applied to the Quaternary Landscape Evolution of the Yeltes River (Salamanca, Spain). <i>Sustainability</i> , 2020, 12, 7869.	3.2	3
69	The Guadalentán Tectonic Depression, Betic Cordillera, Murcia. <i>World Geomorphological Landscapes</i> , 2014, , 25-35.	0.3	3
70	Fases Pleistocenas y Holocenas de sedimentación aluvial y formación de suelos en el SE semiárido de España (Cordilleras Béticas Orientales). <i>Cuaternario Y Geomorfología</i> , 2020, 34, 41.	0.2	3
71	Preface on the impact of active tectonics and uplift on fluvial landscapes. <i>Geomorphology</i> , 2008, 102, 1.	2.6	2
72	Paleoseismic and geomorphologic evidence of recent tectonic activity of the Pozohondo Fault (Betic) <i>Tectonophysics</i> , 2017, 650, 10-26.	1.8	2

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73	Active Landscapes of Iberia. <i>Regional Geology Reviews</i> , 2020, , 77-124.	1.2	2
74	Reappraisal of the 1863 Huárcal-Overa Earthquake (Betic Cordillera, SE Spain) by the Analysis of ESI-07 Environmental Effects and Building Oriented Damage. <i>Geosciences (Switzerland)</i> , 2020, 10, 303.	2.2	2
75	ARQUEOSISMOLOGÍA: UNA NUEVA HERRAMIENTA PARA LA SISMOLOGÍA Y LA PROTECCIÓN DEL PATRIMONIO. <i>Revista Otariq: Otras Arqueologías</i> , 2016, , 151.	0.1	2
76	Micromorphology of hydromorphic soils developed in fluvio-marine sediments during the Middle-Late Pleistocene transit in the Gulf of Cadiz (Atlantic South Spain) .. <i>Spanish Journal of Soil Science</i> , 0, 3, .	0.0	2
77	La secuencia cronocultural de la ocupación paleolítica en el valle inferior del río Manzanares (Madrid, España). <i>Cuaternario Y Geomorfología</i> , 0, , 57-88.	0.2	2
78	Geomorphology of the mouth of the Arosa estuary (Coruña-Pontevedra, Spain). <i>Journal of Maps</i> , 2017, 13, 554-562.	2.0	1
79	Quantification of Erosion and Uplift in a Rising Orogen: A Large-Scale Perspective (Late Tortonian to Present) <i>Journal of Geology</i> , 2017, 135, 3492.	4.0	1
80	Micromorphological Study of Site Formation Processes at El Sidrón Cave (Asturias, Northern Spain): Encrustations over Neanderthal Bones. <i>Geosciences (Switzerland)</i> , 2021, 11, 413.	2.2	0
81	Estudio geoarqueológico de la cueva de El Sidrón (Piloña, Asturias).. <i>Boletín Geológico Y Minero</i> , 2018, 1129, 107-128.	0.1	0
82	Evidencias de terremotos cuaternarios en una sima hipogéica: La Sima de Benás (Murcia, SE España). <i>Cuaternario Y Geomorfología</i> , 2019, 33, 25-52.	0.2	0
83	Historical earthquakes in the Lower Segura basin (SE Spain): geological and archaeological evidence from pre-roman to modern times. <i>Zeitschrift für Geomorphologie</i> , 2019, 62, 247-269.	0.8	0