

# Enrique Serrano

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

2,717  
citations

218592

26  
h-index

189801

50  
g-index

77  
all docs

77  
docs citations

77  
times ranked

2110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geodiversity : a theoretical and applied concept. <i>Geographica Helvetica</i> , 2007, 62, 140-147.	0.4	193
2	Assessment of geomorphosites in natural protected areas: the Picos de Europa National Park (Spain). <i>Geomorphologie Relief, Processus, Environnement</i> , 2005, 11, 197-208.	0.7	170
3	Thermal state of permafrost and active layer monitoring in the antarctic: Advances during the international polar year 2007-2009. <i>Permafrost and Periglacial Processes</i> , 2010, 21, 182-197.	1.5	167
4	'Little Ice Age' glaciation and current glaciers in the Iberian Peninsula. <i>Holocene</i> , 2008, 18, 551-568.	0.9	137
5	Climate warming and permafrost dynamics in the Antarctic Peninsula region. <i>Global and Planetary Change</i> , 2013, 100, 215-223.	1.6	135
6	Soil characteristics on varying lithological substrates in the South Shetland Islands, maritime Antarctica. <i>Geoderma</i> , 2008, 144, 123-139.	2.3	121
7	Periglacial processes and landforms in the South Shetland Islands (northern Antarctic Peninsula) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 121</i>	1.1	121
8	The Little Ice Age in Iberian mountains. <i>Earth-Science Reviews</i> , 2018, 177, 175-208.	4.0	119
9	Soils and landforms from Fildes Peninsula and Ardley Island, Maritime Antarctica. <i>Geomorphology</i> , 2014, 225, 76-86.	1.1	94
10	Quaternary glacial evolution in the Central Cantabrian Mountains (Northern Spain). <i>Geomorphology</i> , 2013, 196, 65-82.	1.1	86
11	Geodiversity and Geomorphosite Assessment Applied to a Natural Protected Area: the Ebro and Rudron Gorges Natural Park (Spain). <i>Geoheritage</i> , 2011, 3, 163-174.	1.5	83
12	Permafrost conditions in the Mediterranean region since the Last Glaciation. <i>Earth-Science Reviews</i> , 2018, 185, 397-436.	4.0	81
13	Spatial and temporal variability of periglaciation of the Iberian Peninsula. <i>Quaternary Science Reviews</i> , 2016, 137, 176-199.	1.4	77
14	Mountain glaciation and paleoclimate reconstruction in the Picos de Europa (Iberian Peninsula, SW) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.0	71
15	A multi-proxy perspective on millennium-long climate variability in the Southern Pyrenees. <i>Climate of the Past</i> , 2012, 8, 683-700.	1.3	70
16	Permafrost and Little Ice Age glacier relationships, Posets Massif, Central Pyrenees, Spain. <i>Permafrost and Periglacial Processes</i> , 2004, 15, 207-220.	1.5	65
17	Ice patch origin, evolution and dynamics in a temperate high mountain environment: the jou negro, picos de europa (nw spain). <i>Geografiska Annaler, Series A: Physical Geography</i> , 2011, 93, 57-70.	0.6	53
18	Rock glaciers in the South Shetland Islands, Western Antarctica. <i>Geomorphology</i> , 2000, 35, 145-162.	1.1	50

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19	Thinning of the Monte Perdido Glacier in the Spanish Pyrenees since 1981. <i>Cryosphere</i> , 2016, 10, 681-694.	1.5	49
20	Mid- and large-scale geodiversity calculation in fuentes carrionas (nw Spain) and Serra do Cadeado (Paraná, Brazil): methodology and application for land management. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2015, 97, 219-235.	0.6	45
21	Rock glacier dynamics in marginal periglacial environments. <i>Earth Surface Processes and Landforms</i> , 2010, 35, 1302-1314.	1.2	40
22	Rock glacier dynamics in a marginal periglacial high mountain environment: Flow, movement (1991-2000) and structure of the Argualas rock glacier, the Pyrenees. <i>Geomorphology</i> , 2006, 74, 285-296.	1.1	39
23	Permafrost distribution in the Posets massif, Central Pyrenees. <i>Norsk Geografisk Tidsskrift</i> , 2001, 55, 245-252.	0.3	37
24	Post-little ice age paraglacial processes and landforms in the high Iberian mountains: A review. <i>Land Degradation and Development</i> , 2018, 29, 4186-4208.	1.8	32
25	Glacial chronology, environmental changes and implications for human occupation during the upper Pleistocene in the eastern Cantabrian Mountains. <i>Quaternary International</i> , 2015, 364, 22-34.	0.7	31
26	Rock glaciers in the Pyrenees. <i>Permafrost and Periglacial Processes</i> , 1999, 10, 101-106.	1.5	29
27	Glaciares rocosos del sector central de la Montaña Cantábrica: indicadores paleoambientales. <i>Cuadernos De Investigacion Geografica</i> , 2011, 37, 119-144.	0.6	28
28	Deglaciación en la Cordillera Cantábrica: modelo y evolución. <i>Cuadernos De Investigacion Geografica</i> , 2015, 41, 389-408.	0.6	26
29	Ground temperatures, landforms and processes in an Atlantic mountain. <i>Cantabrian Mountains (Northern Spain)</i> . <i>Catena</i> , 2017, 149, 623-636.	2.2	25
30	Insights into deglaciation of the largest ice-free area in the South Shetland Islands (Antarctica) from quantitative analysis of the drainage system. <i>Geomorphology</i> , 2014, 225, 4-24.	1.1	24
31	Monitoring Retreat of Coastal Sandy Systems Using Geomatics Techniques: Somo Beach (Cantabrian) Tj ETQq1 1 0.784314 rrgBT /Ove	1.8	23
32	Quaternary glacial history of the Cantabrian Mountains of northern Spain: a new synthesis. <i>Geological Society Special Publication</i> , 2017, 433, 55-85.	0.8	21
33	Toward an Ice-Free Mountain Range: Demise of Pyrenean Glaciers During 2011-2020. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094339.	1.5	20
34	Interpreting environmental changes from radionuclides and soil characteristics in different landform contexts of Elephant Island (maritime Antarctica). <i>Land Degradation and Development</i> , 2018, 29, 3141-3158.	1.8	19
35	Tufa buildups, landscape evolution and human impact during the Holocene in the Upper Ebro Basin. <i>Quaternary International</i> , 2015, 364, 54-64.	0.7	18
36	Late Pleistocene climate of the northern Iberian Peninsula: New insights from palaeoglaciers at Fuentes Carrionas (Cantabrian Mountains). <i>Journal of Quaternary Science</i> , 2019, 34, 342-354.	1.1	18

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37	Superficie glaciar actual en los Pirineos: Una actualización para 2016. Pirineos, 0, 172, 029.	0.6	17
38	Periglacial environments and frozen ground in the central Pyrenean high mountain area: Ground thermal regime and distribution of landforms and processes. Permafrost and Periglacial Processes, 2019, 30, 292-309.	1.5	16
39	The deglaciation of Barton Peninsula (King George Island, South Shetland Islands, Antarctica) based on geomorphological evidence and lacustrine records. Polar Record, 2019, 55, 177-188.	0.4	16
40	Dinámica, evolución y estructura de los glaciares rocosos de los Pirineos. Cuadernos De Investigacion Geografica, 2011, 37, 145-170.	0.6	16
41	Geomorphology and landforms distribution in selected ice-free areas in the South Shetland Islands, Antarctic Northern Peninsula region. Cuadernos De Investigacion Geografica, 2016, 42, 435-455.	0.6	16
42	Geomatics techniques applied to glaciers, rock glaciers, and ice patches in Spain (1991-2012). Geografiska Annaler, Series A: Physical Geography, 2014, 96, 307-321.	0.6	15
43	Geomorphological mapping of ice-free areas using polarimetric RADARSAT-2 data on Fildes Peninsula and Ardley Island, Antarctica. Geomorphology, 2017, 293, 448-459.	1.1	15
44	Surge glaciers during the Little Ice Age in the Pyrenees. Cuadernos De Investigacion Geografica, 2018, 44, 213-244.	0.6	14
45	Orthothermographies and 3D modeling as potential tools in ice caves studies: the Peña Castil Ice Cave (Picos de Europa, Northern Spain). International Journal of Speleology, 2014, 43, 35-43.	0.4	13
46	Applying GPR and Laser Scanner Techniques to Monitor the Ossoue Glacier (Pyrenees). Journal of Environmental and Engineering Geophysics, 2014, 19, 239-248.	1.0	12
47	The role of GPR techniques in determining ice cave properties: Peña Castil ice cave, Picos de Europa. Earth Surface Processes and Landforms, 2016, 41, 2177-2190.	1.2	11
48	Application of Multiple Geomatic Techniques for Coastline Retreat Analysis: The Case of Gerra Beach (Cantabrian Coast, Spain). Remote Sensing, 2020, 12, 3669.	1.8	10
49	Title is missing!. Pirineos, 1991, 138, 83-104.	0.6	10
50	Geomorphological mapping in the Antarctic Peninsula region applying single and multipolarization RADARSAT-2 data. Canadian Journal of Remote Sensing, 2012, 38, 367-382.	1.1	9
51	Surface movement and cascade processes on debris cones in temperate high mountain (Picos de Europa). Earth Surface Processes and Landforms, 2019, 44, 1074-1087.	0.784314	3,9
52	Frozen ground and periglacial processes relationship in temperate high mountains: a case study at Monte Perdido-Tucarroya area (The Pyrenees, Spain). Journal of Mountain Science, 2020, 17, 1013-1031.	0.8	9
53	Terrestrial photogrammetric techniques applied to the control of a parabolic dune in the Liencres dune system, Cantabria (Spain). Earth Surface Processes and Landforms, 2008, 33, 2201-2210.	1.2	8
54	Cultural Heritage, Landforms, and Integrated Territorial Heritage: the Close Relationship Between Tufas, Cultural Remains, and Landscape in the Upper Ebro Basin (Cantabrian Mountains, Spain). Geoheritage, 2020, 12, 1.	1.5	7

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55	El glaciar noroccidental del Besiberri (Pirineo de L'Arida). Pirineos, 1991, 137, 113-115.	0.6	7
56	Ice Caves in Spain. , 2018, , 625-655.		6
57	Impacts of land abandonment and climate variability on runoff generation and sediment transport in the Pisuerga headwaters (Cantabrian Mountains, Spain). Geografiska Annaler, Series A: Physical Geography, 2019, 101, 211-224.	0.6	6
58	Structure interne du glacier rocheux actif de Las Argualas (Pyrénées aragonaises, Espagne). Houille Blanche, 1995, 81, 144-147.	0.3	6
59	An Essential Tool for Natural Heritage Management: The Geomorphological Map of Valderejo Natural Park. Geosciences (Switzerland), 2018, 8, 250.	1.0	5
60	GEOMATIC METHODS APPLIED TO THE CHANGE STUDY OF THE LA PAÑOL ROCK GLACIER, SPANISH PYRENEES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W13, 1771-1775.	0.2	5
61	GPR prospection in the Ossoue glacier (Pyrenees). , 2012, , .		4
62	First evidence of rock wall permafrost in the Pyrenees (Vignemale peak, 3,298 m a.s.l.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	1.5	4
63	Dinámica superficial y estado actual del glaciar rocoso de la Madaleta Occidental (Pirineos). Cuadernos De Investigacion Geografica, 2011, 37, 81.	0.6	4
64	The Integration of knowledge about the Cantabrian Cordillera: towards an inter-regional observatory of global change. Ecosistemas, 2018, 27, 96-104.	0.2	4
65	Application of ALOS PALSAR and Landsat ETM+ Data for the Study of Periglacial Features and Permafrost within the South Shetland Islands, Western Antarctica. , 2008, , .		3
66	Holocene Tufa changes in response to human impact on environments: Upper Ebro Basin. Northern Spain. Zeitschrift für Geomorphologie, 2015, 59, 199-223.	0.3	3
67	Movimiento superficial del glaciar rocoso de las Argualas. Pirineos, 1995, 145-146, 103-110.	0.6	3
68	Modelling and Terrestrial Laser Scanning Methodology (2009-2018) on Debris Cones in Temperate High Mountains. Remote Sensing, 2020, 12, 632.	1.8	2
69	The existing glaciers of the Iberian Peninsula. , 2022, , 525-553.		2
70	Tourism in the South Shetland Islands: Recent Changes in Local Destinations and Activities. Tourism in Marine Environments, 2007, 4, 221-235.	0.1	2
71	Distribution of glacial and periglacial features within ice-free areas surrounding Maxwell Bay (South) Tj ETQq1 1 0.784314 rgBT /Overlock 1		1
72	The glaciers of the Central-Western Pyrenees. , 2022, , 123-155.		1

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73	The glaciers of the western massifs of Cantabria. , 2022, , 201-219.		1
74	The glaciers of the eastern massifs of Cantabria, the Burgos Mountains and the Basque Country. , 2022, , 157-178.		1
75	Foreword: Polar environments, a changing world. Cuadernos De Investigacion Geografica, 2016, 42, 315-320.	0.6	0