

# Ernesto Cristallini

## List of Publications by Year in descending order

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28  
papers

1,585  
citations

471509

17  
h-index

501196

28  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1155  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Pampean flat-slab of the Central Andes. <i>Journal of South American Earth Sciences</i> , 2002, 15, 59-78.	1.4	616
2	Cenozoic tectonics of the High Andes of west-central Argentina (30°–36°S latitude). <i>Tectonophysics</i> , 1996, 259, 185-200.	2.2	154
3	Thick-skinned and thin-skinned thrusting in the La Ramada fold and thrust belt: crustal evolution of the High Andes of San Juan, Argentina (32°SL). <i>Tectonophysics</i> , 2000, 317, 205-235.	2.2	127
4	Oblique half-graben inversion of the Mesozoic Neuqu�n Rift in the Malarg�ne Fold and Thrust Belt, Mendoza, Argentina: New insights from analogue models. <i>Journal of Structural Geology</i> , 2008, 30, 839-853.	2.3	68
5	Kinematic models of basement/cover interaction: Insights from the Malarg�ne fold and thrust belt, Mendoza, Argentina. <i>Journal of Structural Geology</i> , 2009, 31, 1443-1457.	2.3	65
6	Deep structure of the Metan-Guachipas region: tectonic inversion in Northwestern Argentina. <i>Journal of South American Earth Sciences</i> , 1997, 10, 403-421.	1.4	64
7	Have the southernmost Andes been curved since Late Cretaceous time? An analog test for the Patagonian Orocline. <i>Geology</i> , 2007, 35, 13.	4.4	58
8	Benchmarking analogue models of brittle thrust wedges. <i>Journal of Structural Geology</i> , 2016, 92, 116-139.	2.3	58
9	Pseudo 3-D modeling of trishear fault-propagation folding. <i>Journal of Structural Geology</i> , 2001, 23, 1883-1899.	2.3	52
10	Along-strike structural variations in the Southern Patagonian Andes: Insights from physical modeling. <i>Tectonophysics</i> , 2013, 590, 106-120.	2.2	44
11	Transtensional tectonics induced by oblique reactivation of previous lithospheric anisotropies during the Late Triassic to Early Jurassic rifting in the Neuqu�n basin: Insights from analog models. <i>Journal of Geodynamics</i> , 2014, 79, 1-17.	1.6	43
12	Kinematic analysis of a transtensional fault system: The Atuel depocenter of the Neuqu�n basin, southern Central Andes, Argentina. <i>Journal of Structural Geology</i> , 2010, 32, 886-899.	2.3	36
13	Backlimb trishear: a kinematic model for curved folds developed over angular fault bends. <i>Journal of Structural Geology</i> , 2002, 24, 289-295.	2.3	29
14	A pure dipole analysis of the Gondwana apparent polar wander path: Paleogeographic implications in the evolution of Patagonia. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1499-1519.	2.5	27
15	True three-dimensional trishear: A kinematic model for strike-slip and oblique-slip deformation. <i>Bulletin of the Geological Society of America</i> , 2004, 116, 938.	3.3	26
16	Controls on structural styles along the deformation front of the Subandean zone of southern Bolivia. <i>Journal of Structural Geology</i> , 2015, 73, 83-96.	2.3	20
17	Late Miocene to recent morphotectonic evolution and potential seismic hazard of the northern Lerma valley: Clues from Lomas de Medeiros, Cordillera Oriental, NW Argentina. <i>Tectonophysics</i> , 2013, 608, 1238-1253.	2.2	19
18	Late Quaternary tectonics controlled by fault reactivation. Insights from a local transpressional system in the intermontane Lerma valley, Cordillera Oriental, NW Argentina. <i>Journal of Structural Geology</i> , 2019, 128, 103875.	2.3	12

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19	Andean oblique folds in the Cordillera Oriental " Northwestern Argentina: Insights from analogue models. <i>Journal of Structural Geology</i> , 2012, 42, 194-211.	2.3	10
20	The doubly vergent inverted structures in the Mesozoic basins of northern Chile (28°S): A comparative analysis from field data and analogue modeling. <i>Journal of South American Earth Sciences</i> , 2017, 77, 327-340.	1.4	10
21	Cross-strike structures controlling magmatism emplacement in a flat-slab setting (Precordillera,) Tj ETQq1 1 0.784314 rgBT /Qverlock	1.3	9
22	Role of basin width variation in tectonic inversion: insight from analogue modelling and implications for the tectonic inversion of the Abanico Basin, 32°-34°S, Central Andes. <i>Geological Society Special Publication</i> , 2015, 399, 83-107.	1.3	9
23	Kinematics of a backthrust system in the Agrio fold and thrust belt, Argentina: Insights from structural analysis and analogue models. <i>Journal of South American Earth Sciences</i> , 2020, 100, 102594.	1.4	9
24	Analysis of fault bend folding kinematic models and comparison with an analog experiment. <i>Journal of Structural Geology</i> , 2021, 146, 104316.	2.3	6
25	Seamless low-temperature thermochronological modeling in Andino 3D, towards integrated structural and thermal simulations. <i>Journal of South American Earth Sciences</i> , 2021, 105, 102851.	1.4	5
26	Late Triassic-Early Jurassic extensional tectonics in the Neuqu�n Basin (Argentina). New insights from stratigraphic and structural analyses of the Chachil depocenter (39°S). <i>Journal of Structural Geology</i> , 2022, 154, 104483.	2.3	5
27	Multiple thermochronometers applied to the quantitative analysis of compressive systems: The southern sub-Andean fold and thrust belt of Bolivia. From source rock to trap. <i>Journal of South American Earth Sciences</i> , 2021, 105, 102949.	1.4	3
28	A new constraint on the central Andean rotation pattern from paleomagnetic studies in the southern Subandes of Bolivia. <i>Journal of South American Earth Sciences</i> , 2020, 98, 102470.	1.4	1