Ernesto Cristallini

List of Publications by Year
in descending order

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	Late Triassic-Early Jurassic extensional tectonics in the NeuquÃ©n Basin (Argentina). New insights from stratigraphic and structural analyses of the Chachil depocenter (39Â°S). Journal of Structural Geology, 2022, 154, 104483.	2.3	5
2	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. Journal of South American Earth Sciences, 2021, 105, 102949.	1.4	3
3	Seamless low-temperature thermochronological modeling in Andino 3D, towards integrated structural and thermal simulations. Journal of South American Earth Sciences, 2021, 105, 102851.	1.4	5
4	Analysis of fault bend folding kinematic models and comparison with an analog experiment. Journal of Structural Geology, 2021, 146, 104316.	2.3	6
5	A new constraint on the central Andean rotation pattern from paleomagnetic studies in the southern Subandes of Bolivia. Journal of South American Earth Sciences, 2020, 98, 102470.	1.4	1
6	Kinematics of a backthrust system in the Agrio fold and thrust belt, Argentina: Insights from structural analysis and analogue models. Journal of South American Earth Sciences, 2020, 100, 102594.	1.4	9
7	Late Quaternary tectonics controlled by fault reactivation. Insights from a local transpressional system in the intermontane Lerma valley, Cordillera Oriental, NW Argentina. Journal of Structural Geology, 2019, 128, 103875.	2.3	12
8	The doubly vergent inverted structures in the Mesozoic basins of northern Chile (28Â°S): A comparative analysis from field data and analogue modeling. Journal of South American Earth Sciences, 2017, 77, 327-340.	1.4	10
9	A pure dipole analysis of the <scp>G</scp>ondwana apparent polar wander path: Paleogeographic implications in the evolution of <scp>P</scp>angea. Geochemistry, Geophysics, Geosystems, 2017, 18, 1499-1519.	2.5	27
10	Benchmarking analogue models of brittle thrust wedges. Journal of Structural Geology, 2016, 92, 116-139.	2.3	58
11	Controls on structural styles along the deformation front of the Subandean zone of southern Bolivia. Journal of Structural Geology, 2015, 73, 83-96.	2.3	20
12	Role of basin width variation in tectonic inversion: insight from analogue modelling and implications for the tectonic inversion of the Abanico Basin, 32Â°â€“34Â°S, Central Andes. Geological Society Special Publication, 2015, 399, 83-107.	1.3	9
13	Cross-strike structures controlling magmatism emplacement in a flat-slab setting (Precordillera,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.3	9
14	Transtensional tectonics induced by oblique reactivation of previous lithospheric anisotropies during the Late Triassic to Early Jurassic rifting in the NeuquÃ©n basin: Insights from analog models. Journal of Geodynamics, 2014, 79, 1-17.	1.6	43
15	Along-strike structural variations in the Southern Patagonian Andes: Insights from physical modeling. Tectonophysics, 2013, 590, 106-120.	2.2	44
16	Late Miocene to recent morphotectonic evolution and potential seismic hazard of the northern Lerma valley: Clues from Lomas de Medeiros, Cordillera Oriental, NW Argentina. Tectonophysics, 2013, 608, 1238-1253.	2.2	19
17	Andean oblique folds in the Cordillera Oriental â€“ Northwestern Argentina: Insights from analogue models. Journal of Structural Geology, 2012, 42, 194-211.	2.3	10
18	Kinematic analysis of a transtensional fault system: The Atuel depocenter of the NeuquÃ©n basin, southern Central Andes, Argentina. Journal of Structural Geology, 2010, 32, 886-899.	2.3	36

#	Article	IF	Citations
19	Kinematic models of basement/cover interaction: Insights from the MalargÃ¼e fold and thrust belt, Mendoza, Argentina. Journal of Structural Geology, 2009, 31, 1443-1457.	2.3	65
20	Oblique half-graben inversion of the Mesozoic NeuquÃ©n Rift in the MalargÃ¼e Fold and Thrust Belt, Mendoza, Argentina: New insights from analogue models. Journal of Structural Geology, 2008, 30, 839-853.	2.3	68
21	Have the southernmost Andes been curved since Late Cretaceous time? An analog test for the Patagonian Orocline. Geology, 2007, 35, 13.	4.4	58
22	True three-dimensional trishear: A kinematic model for strike-slip and oblique-slip deformation. Bulletin of the Geological Society of America, 2004, 116, 938.	3.3	26
23	The Pampean flat-slab of the Central Andes. Journal of South American Earth Sciences, 2002, 15, 59-78.	1.4	616
24	Backlimb trishear: a kinematic model for curved folds developed over angular fault bends. Journal of Structural Geology, 2002, 24, 289-295.	2.3	29
25	Pseudo 3-D modeling of trishear fault-propagation folding. Journal of Structural Geology, 2001, 23, 1883-1899.	2.3	52
26	Thick-skinned and thin-skinned thrusting in the La Ramada fold and thrust belt: crustal evolution of the High Andes of San Juan, Argentina (32Â°SL). Tectonophysics, 2000, 317, 205-235.	2.2	127
27	Deep structure of the Metan-Guachipas region: tectonic inversion in Northwestern Argentina. Journal of South American Earth Sciences, 1997, 10, 403-421.	1.4	64
28	Cenozoic tectonics of the High Andes of west-central Argentina (30â€“36Â°S latitude). Tectonophysics, 1996, 259, 185-200.	2.2	154