

Fernando Martinez

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Deciphering the Late Paleozoic–Cenozoic Tectonic History of the Inner Central Andes Forearc: An Update From the Salar de Punta Negra Basin of Northern Chile. <i>Frontiers in Earth Science</i> , 2022, 9, .	1.8	2
2	Evaluating the role of stratigraphy and inherited basement structures on the evolution of thick and thin-skinned related folds: Insights from the Salar de Atacama Basin in the Central Andes. <i>Journal of Structural Geology</i> , 2022, 154, 104494.	2.3	2
3	Inverted structures in the western Central Andes thrust belt front. , 2022, , 475-485.		0
4	Interaction between inverted normal and reverse faults in the inner forearc of the Central Andes: an example from the Salar de Atacama Basin. , 2022, , 487-494.		0
5	Spatio-temporal variation of the strain field in the southern Central Andes broken-foreland (27°30′S) during the Late Cenozoic. <i>Journal of South American Earth Sciences</i> , 2021, 106, 102981.	1.4	6
6	Complex Basement-Involved Contractional Structures in the Pre-Andean Basins of Northern Chile: A Review From Seismic Data. <i>Tectonics</i> , 2021, 40, e2020TC006433.	2.8	14
7	Multi-proxy insights into the structure and geometry of the tectonic boundary at the Cordillera de Domeyko-Salar de Atacama border: An example of the interplay between basement and foreland basins. <i>Tectonophysics</i> , 2021, 807, 228818.	2.2	2
8	Buried thrust belt front of the western Central Andes of northern Chile: Style, age, and relationship with basement heterogeneities. <i>Journal of Structural Geology</i> , 2021, 147, 104337.	2.3	4
9	Contraction and exhumation of the western Central Andes induced by basin inversion: New evidence from the Pampean subduction segment. <i>Basin Research</i> , 2021, 33, 2706-2724.	2.7	4
10	Geometry and development of a hybrid thrust belt in an inner forearc setting: Insights from the Potrerillos Belt in the Central Andes, northern Chile. <i>Journal of South American Earth Sciences</i> , 2020, 98, 102439.	1.4	13
11	Effects of pre-orogenic tectonic structures on the Cenozoic evolution of Andean deformed belts: Evidence from the Salar de Punta Negra Basin in the Central Andes of Northern Chile. <i>Basin Research</i> , 2020, 32, 1441-1462.	2.7	11
12	East-vergent thrusts and inversion structures: An updated tectonic model to understand the Domeyko Cordillera and the Salar de Atacama Basin transition in the western Central Andes. <i>Journal of South American Earth Sciences</i> , 2020, 103, 102741.	1.4	15
13	Thrust and fold belts of South America. <i>Journal of South American Earth Sciences</i> , 2020, 104, 102822.	1.4	1
14	Tectonic evolution of the southwestern margin of Pangea and its global implications: Evidence from the mid Permian–Triassic magmatism along the Chilean-Argentine border. <i>Gondwana Research</i> , 2019, 76, 303-321.	6.0	20
15	What is the structure of the forearc region in the Central Andes of northern Chile? An approach from field data and 2-D reflection seismic data. <i>Tectonophysics</i> , 2019, 769, 228187.	2.2	20
16	Tectonic evolution of the western Pampean flat segment (28°–30°S). , 2019, , 465-485.		0
17	Geometry and late Mesozoic-Cenozoic evolution of the Salar de Atacama Basin (22°30′–24°30′S) in the northern Central Andes: New constraints from geophysical, geochronological and field data. <i>Tectonophysics</i> , 2019, 759, 58-78.	2.2	20
18	Testing the occurrence of thick-skinned triangle zones in the Central Andes forearc: Example from the Salar de Punta Negra Basin in northern Chile. <i>Journal of Structural Geology</i> , 2019, 120, 14-28.	2.3	19

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19	Mechanisms and Episodes of Deformation Along the Chilean Pampean Flat-Slab Subduction Segment of the Central Andes in Northern Chile. Springer Earth System Sciences, 2018, , 273-290.	0.2	2
20	Basin inversion and magma migration and emplacement: Insights from basins of northern Chile. Journal of Structural Geology, 2018, 114, 310-319.	2.3	8
21	Structural styles of the Salar de Punta Negra Basin in the Preandean Depression (24°-25°S) of the Central Andes. Journal of South American Earth Sciences, 2018, 87, 188-199.	1.4	8
22	Structure of the Cordillera de la Sal: A key tectonic element for the Oligocene-Neogene evolution of the Salar de Atacama basin, Central Andes, northern Chile. Journal of South American Earth Sciences, 2018, 87, 200-210.	1.4	18
23	Zircon U-Pb geochronology of the mesozoic to lower Cenozoic rocks of the Coastal Cordillera in the Antofagasta region (22°30'N-23°00' S): Insights to the Andean tectono-magmatic evolution. Journal of South American Earth Sciences, 2018, 87, 113-138.	1.4	13
24	Tectonic architecture of the Tarapacá Basin in the northern Central Andes: New constraints from field and 2D seismic data. , 2018, 14, 2430-2446.		24
25	Tectonic interaction between Mesozoic to Cenozoic extensional and contractional structures in the Preandean Depression (23°-25°S): Geologic implications for the Central Andes. Tectonophysics, 2018, 744, 333-349.	2.2	23
26	The doubly vergent inverted structures in the Mesozoic basins of northern Chile (28°S): A comparative analysis from field data and analogue modeling. Journal of South American Earth Sciences, 2017, 77, 327-340.	1.4	10
27	Late Cretaceous to Cenozoic deformation and exhumation of the Chilean Frontal Cordillera (28°-29°S), Central Andes. Journal of Geodynamics, 2017, 111, 31-42.	1.6	8
28	Resolving the paradigm of the late Paleozoic Triassic Chilean magmatism: Isotopic approach. Gondwana Research, 2016, 37, 172-181.	6.0	85
29	Tectonic styles and crustal shortening of the Central Andes Pampean flat-slab segment in northern Chile (27°-29°S). Tectonophysics, 2016, 667, 144-162.	2.2	32
30	Tectonic inversion and magmatism in the Lautaro Basin, northern Chile, Central Andes: A comparative approach from field data and analog models. Journal of Geodynamics, 2016, 94-95, 68-83.	1.6	9
31	Geometry of the inverted Cretaceous Chañarcillo Basin based on 2-D gravity and field data an approach to the structure of the western Central Andes of northern Chile. Solid Earth, 2015, 6, 1259-1276.	2.8	3
32	Geometry and kinematics of the Andean thick-skinned thrust systems: Insights from the Chilean Frontal Cordillera (28°-28.5°S), Central Andes. Journal of South American Earth Sciences, 2015, 64, 307-324.	1.4	21
33	The structure of the Chañarcillo Basin: An example of tectonic inversion in the Atacama region, northern Chile. Journal of South American Earth Sciences, 2013, 42, 1-16.	1.4	32
34	Nature and tectonic significance of co-seismic structures associated with the Mw 8.8 Maule earthquake, central-southern Chile forearc. Journal of Structural Geology, 2011, 33, 891-897.	2.3	26
35	Effects of the 27 February Chile Earthquake. Journal of Structural Geology, 2010, 32, 393.	2.3	0