

Luis E E Lara

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5759289/publications.pdf>

Version: 2024-02-01

46
papers

1,700
citations

331642

21
h-index

289230

40
g-index

47
all docs

47
docs citations

47
times ranked

1563
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The link between volcanism and tectonics in the southern volcanic zone of the Chilean Andes: A review. <i>Tectonophysics</i> , 2009, 471, 96-113. | 2.2 | 293 |
| 2 | Eruptive history, geochronology, and magmatic evolution of the Puyehue-Cordon Caulle volcanic complex, Chile. <i>Bulletin of the Geological Society of America</i> , 2008, 120, 599-618. | 3.3 | 157 |
| 3 | Rhyodacitic fissure eruption in Southern Andes (CordÃ³n Caulle; 40.5Â°S) after the 1960 (Mw:9.5) Chilean earthquake: a structural interpretation. <i>Journal of Volcanology and Geothermal Research</i> , 2004, 138, 127-138. | 2.1 | 122 |
| 4 | Across-arc geochemical variations in the Southern Volcanic Zone, Chile (34.5â€“38.0Â°S): Constraints on mantle wedge and slab input compositions. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 123, 218-243. | 3.9 | 105 |
| 5 | Structural controls of volcanism in transversal chains: Resheared faults and neotectonics in the CordÃ³n Caulleâ€“Puyehue area (40.5Â°S), Southern Andes. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 158, 70-86. | 2.1 | 90 |
| 6 | Magmatic evolution of the Puyehueâ€“CordÃ³n Caulle Volcanic Complex (40Â° S), Southern Andean Volcanic Zone: From shield to unusual rhyolitic fissure volcanism. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 157, 343-366. | 2.1 | 82 |
| 7 | Locating magma reservoirs using InSAR and petrology before and during the 2011â€“2012 CordÃ³n Caulle silicic eruption. <i>Earth and Planetary Science Letters</i> , 2014, 395, 254-266. | 4.4 | 77 |
| 8 | The role of dyking and fault control in the rapid onset of eruption at ChaitÃ©n volcano, Chile. <i>Nature</i> , 2011, 478, 374-377. | 27.8 | 65 |
| 9 | Recent unrest (2002â€“2015) imaged by space geodesy at the highest risk Chilean volcanoes: Villarrica, Llaima, and Calbuco (Southern Andes). <i>Journal of Volcanology and Geothermal Research</i> , 2017, 344, 270-288. | 2.1 | 62 |
| 10 | Geochemical variations in the Central Southern Volcanic Zone, Chile (38â€“43Â°S): The role of fluids in generating arc magmas. <i>Chemical Geology</i> , 2014, 371, 27-45. | 3.3 | 57 |
| 11 | The ChaitÃ©n rhyolite lava dome: Eruption sequence, lava dome volumes, rapid effusion rates and source of the rhyolite magma. <i>Andean Geology</i> , 2013, 40, . | 0.5 | 42 |
| 12 | Overview of ChaitÃ©n Volcano, Chile, and its 2008-2009 eruption. <i>Andean Geology</i> , 2013, 40, . | 0.5 | 36 |
| 13 | Use of remote imagery to analyse changes in morphology and longitudinal large wood distribution in the blanco river after the 2008 chaitÃ©n volcanic eruption, southern chile. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2015, 97, 523-541. | 1.5 | 34 |
| 14 | Secular variation of the Earthâ€™s magnetic field and application to paleomagnetic dating of historical lava flows in Chile. <i>Physics of the Earth and Planetary Interiors</i> , 2015, 242, 65-78. | 1.9 | 29 |
| 15 | High effusion rates of the CordÃ³n Caulle 2011â€“2012 eruption (Southern Andes) and their relation with the quasi-harmonic tremor. <i>Geophysical Research Letters</i> , 2015, 42, 7054-7063. | 4.0 | 28 |
| 16 | Quaternary Vertical Displacement along the LiquiÃ±e-Ofqui Fault Zone: Differential Uplift and Coeval Volcanism in the Southern Andes?. <i>International Geology Review</i> , 2008, 50, 975-993. | 2.1 | 27 |
| 17 | The 2008 eruption of the ChaitÃ©n Volcano, Chile: a preliminary report. <i>Andean Geology</i> , 2009, 36, . | 0.5 | 26 |
| 18 | The CarrÃ¡nâ€“Los Venados volcanic field and its relationship with coeval and nearby polygenetic volcanism in an intra-arc setting. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 308, 70-81. | 2.1 | 25 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Transtension driving volcano-edifice anatomy: Insights from Andean transverse-to-the-orogen tectonic domains. <i>Quaternary International</i> , 2017, 438, 33-49. | 1.5 | 25 |
| 20 | Volatile (sulphur and chlorine), major, and trace element geochemistry of mafic to intermediate tephros from the Chilean Southern Volcanic Zone (33°-43°S). <i>International Journal of Earth Sciences</i> , 2014, 103, 1945-1962. | 1.8 | 24 |
| 21 | Rapid reinflation following the 2011-2012 rhyodacite eruption at Cordón Caulle volcano (Southern) Tj ETQq1 1 0.784314 rgBT /C 9552-9562. | 4.0 | 23 |
| 22 | Lanín volcano (39.5°S), Southern Andes: geology and morphostructural evolution. <i>Andean Geology</i> , 2004, 31, . | 0.5 | 19 |
| 23 | Plate tectonics and the origin of the Juan Fernandez Ridge: analysis of bathymetry and magnetic patterns. <i>Latin American Journal of Aquatic Research</i> , 2014, 42, 907-917. | 0.6 | 18 |
| 24 | Paleomagnetic study of juvenile basaltic-andesite clasts from Andean pyroclastic density current deposits. <i>Physics of the Earth and Planetary Interiors</i> , 2014, 227, 20-29. | 1.9 | 18 |
| 25 | A geochemical approach to distinguishing competing tectono-magmatic processes preserved in small eruptive centres. <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1. | 3.1 | 18 |
| 26 | Late Holocene history of Chaitón Volcano: New evidence for a 17th century eruption. <i>Andean Geology</i> , 2013, 40, . | 0.5 | 18 |
| 27 | The 2008 "silent" eruption of Nevados de Chillín (Chile) detected from space: Effusive rates and trends from the MIROVA system. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 327, 322-329. | 2.1 | 17 |
| 28 | Possible structural control on the 2011 eruption of Puyehue-Cordón Caulle Volcanic Complex (southern Chile) determined by InSAR, GPS and seismicity. <i>Geophysical Journal International</i> , 2017, 208, 134-147. | 2.4 | 17 |
| 29 | ⁴⁰ Ar/ ³⁹ Ar Geochronological Constraints on the Age Progression Along the Juan Fernández Ridge, SE Pacific. <i>Frontiers in Earth Science</i> , 2018, 6, . | 1.8 | 15 |
| 30 | Measuring effusion rates of obsidian lava flows by means of satellite thermal data. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 347, 82-90. | 2.1 | 13 |
| 31 | Eruptive sequence and seismic activity of Llaima volcano (Chile) during the 2007-2009 eruptive period: Inferences of the magmatic feeding system. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 379, 90-105. | 2.1 | 12 |
| 32 | Active Normal Faulting, Diking, and Doming Above the Rapidly Inflating Laguna del Maule Volcanic Field, Chile, Imaged With CHIRP, Magnetic, and Focal Mechanism Data. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019329. | 3.4 | 12 |
| 33 | Contrasting P-T paths of shield and rejuvenated volcanism at Robinson Crusoe Island, Juan Fernández Ridge, SE Pacific. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 341, 242-254. | 2.1 | 11 |
| 34 | Sustainable Risk Management of Rural Road Networks Exposed to Natural Hazards: Application to Volcanic Lahars in Chile. <i>Sustainability</i> , 2020, 12, 6774. | 3.2 | 11 |
| 35 | Holocene record of large explosive eruptions from Chaitón and Michinmahuida Volcanoes, Chile. <i>Andean Geology</i> , 2013, 40, . | 0.5 | 9 |
| 36 | Biostratigraphic evidence for dramatic Holocene uplift of Robinson Crusoe Island, Juan Fernández Ridge, SE Pacific Ocean. <i>Biogeosciences</i> , 2015, 12, 1993-2001. | 3.3 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Late Cenozoic Quaternary Volcanism in Patagonia and Tierra del Fuego. <i>Developments in Quaternary Sciences</i> , 2008, 11, 95-119. | 0.1 | 7 |
| 38 | Stratigraphically controlled sampling captures the onset of highly fluid-fluxed melting at San Jorge volcano, Southern Volcanic Zone, Chile. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1. | 3.1 | 6 |
| 39 | Unraveling short-lived rejuvenated volcanism and a rapid transition from shield stage at Oâ€™Higgins Guyot, Juan FernÃ¡ndez Ridge, Pacific SE. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 141, 33-42. | 1.4 | 5 |
| 40 | Peligro y riesgo especÃ­fico asociado al volcÃ¡n ChaitÃ©n: perspectiva geolÃ³gica de la vulnerabilidad en el entorno de un volcÃ¡n activo. <i>Magallania</i> , 2015, 43, 27-35. | 0.1 | 5 |
| 41 | Decoding the plumbing system of Nevados de ChillÃ¡n Volcanic complex, Southern Andes. <i>Journal of Volcanology and Geothermal Research</i> , 2022, 422, 107455. | 2.1 | 5 |
| 42 | The 2011 CordÃ³n Caulle eruption triggered by slip on the LiquiÃ±e-Ofqui fault system. <i>Earth and Planetary Science Letters</i> , 2022, 583, 117386. | 4.4 | 5 |
| 43 | Petrogenesis of shield volcanism from the Juan FernÃ¡ndez Ridge, Southeast Pacific: Melting of a low-temperature pyroxenite-bearing mantle plume. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 257, 311-335. | 3.9 | 4 |
| 44 | Co-eruptive deformation and dome growth during the 2008-2009 ChaitÃ©n eruption, Southern Andes. <i>Andean Geology</i> , 2013, 40, . | 0.5 | 4 |
| 45 | The AD1835 eruption at Robinson Crusoe Island discredited: Geological and historical evidence. <i>Progress in Physical Geography</i> , 2021, 45, 187-206. | 3.2 | 3 |
| 46 | The strong competition between growth and erosive processes on the Juan FernÃ¡ndez Archipelago (SE) Tj ETQq0 0,0 rgBT /Qverlock 10 | 2.6 | 2 |