

Victor A Valencia

List of Publications by Year in descending order

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62
papers

3,728
citations

218677

26
h-index

128289

60
g-index

63
all docs

63
docs citations

63
times ranked

3747
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced precision, accuracy, efficiency, and spatial resolution of U–Pb ages by laser ablation–multicollector–inductively coupled plasma–mass spectrometry. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	893
2	Middle Miocene closure of the Central American Seaway. <i>Science</i> , 2015, 348, 226-229.	12.6	497
3	Evidence for middle Eocene and younger land emergence in central Panama: Implications for Isthmus closure. <i>Bulletin of the Geological Society of America</i> , 2012, 124, 780-799.	3.3	270
4	Effects of Rapid Global Warming at the Paleocene-Eocene Boundary on Neotropical Vegetation. <i>Science</i> , 2010, 330, 957-961.	12.6	250
5	Arc–continent collision and orocline formation: Closing of the Central American seaway. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	168
6	The Putumayo Orogen of Amazonia and its implications for Rodinia reconstructions: New U–Pb geochronological insights into the Proterozoic tectonic evolution of northwestern South America. <i>Precambrian Research</i> , 2011, 191, 58-77.	2.7	134
7	Detrital zircon ages of Neoproterozoic sedimentary successions in Uruguay and Argentina: Insights into the geological evolution of the Río de la Plata Craton. <i>Precambrian Research</i> , 2008, 167, 150-170.	2.7	115
8	Tectonic evolution of the North Patagonian Andes (41°–44° S) through recognition of syntectonic strata. <i>Tectonophysics</i> , 2016, 677-678, 99-114.	2.2	88
9	Geologic evolution of the Xolapa Complex, southern Mexico: Evidence from U–Pb zircon geochronology. <i>Bulletin of the Geological Society of America</i> , 2004, 116, 1016.	3.3	87
10	Significance of Provenance Ages from the Chiapas Massif Complex (Southeastern Mexico): Redefining the Paleozoic Basement of the Maya Block and Its Evolution in a Peri-Gondwanan Realm. <i>Journal of Geology</i> , 2008, 116, 619-639.	1.4	80
11	U–Pb and Lu–Hf isotope systematics of lower crust from central-southern Mexico – Geodynamic significance of Oaxaquia in a Rodinia Realm. <i>Precambrian Research</i> , 2010, 182, 149-162.	2.7	70
12	Permian to Triassic I to S-type magmatic switch in the northeast Sierra Nevada de Santa Marta and adjacent regions, Colombian Caribbean: Tectonic setting and implications within Pangea paleogeography. <i>Journal of South American Earth Sciences</i> , 2010, 29, 772-783.	1.4	68
13	Transition From Collisional to Subduction–Related Regimes: An Example From Neogene Panama–Nazca–South America Interactions. <i>Tectonics</i> , 2018, 37, 119-139.	2.8	62
14	Geochemistry and geochronology from Cretaceous magmatic and sedimentary rocks at 6°35' N, western flank of the Central cordillera (Colombian Andes): Magmatic record of arc growth and collision. <i>Journal of South American Earth Sciences</i> , 2017, 76, 460-481.	1.4	49
15	Subducted carbonates, metasomatism of mantle wedges, and possible connections to diamond formation: An example from California. <i>American Mineralogist</i> , 2005, 90, 864-870.	1.9	45
16	Cretaceous extensional and compressional tectonics in the Northwestern Andes, prior to the collision with the Caribbean oceanic plateau. <i>Gondwana Research</i> , 2019, 66, 207-226.	6.0	44
17	Tectonomagmatic setting and provenance of the Santa Marta Schists, northern Colombia: Insights on the growth and approach of Cretaceous Caribbean oceanic terranes to the South American continent. <i>Journal of South American Earth Sciences</i> , 2010, 29, 784-804.	1.4	43
18	From arc-continent collision to continuous convergence, clues from Paleogene conglomerates along the southern Caribbean–South America plate boundary. <i>Tectonophysics</i> , 2012, 580, 58-87.	2.2	43

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19	Upper Aptian-Lower Albian Mural Formation: stratigraphy, biostratigraphy and depositional cycles on the Sonoran shelf, northern México. <i>Cretaceous Research</i> , 2008, 29, 249-266.	1.4	37
20	U/Pb detrital zircon provenance from late cretaceous metamorphic units of the Guajira Peninsula, Colombia: Tectonic implications on the collision between the Caribbean arc and the South American margin. <i>Journal of South American Earth Sciences</i> , 2010, 29, 805-816.	1.4	37
21	The Paleogene arcs of the northern Andes of Colombia and Panama: Insights on plate kinematic implications from new and existing geochemical, geochronological and isotopic data. <i>Tectonophysics</i> , 2018, 749, 88-103.	2.2	36
22	The age and composition of the pre-Cenozoic basement of the Jalisco Block: implications for and relation to the Guerrero composite terrane. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 801-824.	3.1	35
23	The paleogene synorogenic succession in the northwestern Maracaibo block: Tracking intraplate uplifts and changes in sediment delivery systems. <i>Journal of South American Earth Sciences</i> , 2012, 39, 93-111.	1.4	34
24	Geochronology and geochemistry of the Parashi granitoid, NE Colombia: Tectonic implication of short-lived Early Eocene plutonism along the SE Caribbean margin. <i>Journal of South American Earth Sciences</i> , 2014, 50, 75-92.	1.4	33
25	Late Oligocene-early Miocene submarine volcanism and deep-marine sedimentation in an extensional basin of southern Chile: Implications for the tectonic development of the North Patagonian Andes. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 807-823.	3.3	32
26	U-Pb Ages and Hf Isotopes in Zircons from Parautochthonous Mesozoic Terranes in the Western Margin of Pangea: Implications for the Terrane Configurations in the Northern Andes. <i>Journal of Geology</i> , 2017, 125, 487-500.	1.4	29
27	Age and tectonic setting of the Udokan sediment-hosted copper-silver deposit, Transbaikalia, Russia. <i>Ore Geology Reviews</i> , 2017, 86, 856-866.	2.7	26
28	Multiple metamorphic events in the Palaeozoic Mérida Andes basement, Venezuela: insights from U-Pb geochronology and Hf-Nd isotope systematics. <i>International Geology Review</i> , 2019, 61, 1557-1593.	2.1	22
29	Channel incision in the Rio Atenguillo, Jalisco, Mexico, defined by ³⁶ Cl measurements of bedrock. <i>Geomorphology</i> , 2010, 120, 279-292.	2.6	21
30	Provenance of the Eocene Soebi Blanco formation, Bonaire, Leeward Antilles: Correlations with post-Eocene tectonic evolution of northern South America. <i>Journal of South American Earth Sciences</i> , 2014, 52, 179-193.	1.4	20
31	Middle Miocene near trench volcanism in northern Colombia: A record of slab tearing due to the simultaneous subduction of the Caribbean Plate under South and Central America?. <i>Journal of South American Earth Sciences</i> , 2013, 45, 24-41.	1.4	19
32	Regional provenance from southwestern Colombia forearc and intra-arc basins: implications for Middle to Late Miocene orogeny in the Northern Andes. <i>Terra Nova</i> , 2015, 27, 356-363.	2.1	19
33	Constraints on Trenchward Arc Migration and Backarc Magmatism in the North Patagonian Andes in the Context of Nazca Plate Rollback. <i>Tectonics</i> , 2019, 38, 3794-3817.	2.8	19
34	Petrogenesis of the late Miocene Combia volcanic complex, northwestern Colombian Andes: Tectonic implication of short term and compositionally heterogeneous arc magmatism. <i>Lithos</i> , 2019, 330-331, 194-210.	1.4	19
35	<sc>GHR</sc>1 Zircon - A New Eocene Natural Reference Material for Microbeam U-Pb Geochronology and Hf Isotopic Analysis of Zircon. <i>Geostandards and Geoanalytical Research</i> , 2019, 43, 113-132.	3.1	18
36	Jurassic break-up of the Peri-Gondwanan margin in northern Colombia: Basin formation and implications for terrane transfer. <i>Journal of South American Earth Sciences</i> , 2019, 89, 92-117.	1.4	18

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37	U/Pb LA-MC-CP-MS Zircon Geochronology and Geochemistry from a Postcollisional Biotite Granite of the Baja Guajira Basin, Colombia: Implications for Late Cretaceous and Neogene Caribbean South American Tectonics. <i>Journal of Geology</i> , 2009, 117, 685-692.	1.4	17
38	Bedrock and detrital zircon thermochronology to unravel exhumation histories of accreted tectonic blocks: An example from the Western Colombian Andes. <i>Journal of South American Earth Sciences</i> , 2020, 103, 102715.	1.4	17
39	U-PB geochronology and magnetostratigraphy of a north Patagonian syn-orogenic Miocene succession: Tectono-stratigraphic implications for the foreland system configuration. <i>Tectonophysics</i> , 2019, 766, 81-93.	2.2	16
40	Structural evolution of The Collón Cura basin: Tectonic implications for the north Patagonian Broken Foreland. <i>Journal of South American Earth Sciences</i> , 2019, 93, 424-438.	1.4	16
41	Erosion and regional exhumation of an Early Cretaceous subduction/accretion complex in the Northern Andes. <i>International Geology Review</i> , 2020, 62, 186-209.	2.1	16
42	Rifting evolution of the Malvinas basin, offshore Argentina: New constrains from zircon U-Pb geochronology and seismic characterization. <i>Journal of South American Earth Sciences</i> , 2019, 95, 102253.	1.4	15
43	New insights into petrogenesis of Miocene magmatism associated with porphyry copper deposits of the Andean Pampean flat slab, Argentina. <i>Geoscience Frontiers</i> , 2018, 9, 1565-1576.	8.4	14
44	Source area evolution and thermal record of an Early Cretaceous back-arc basin along the northwesternmost Colombian Andes. <i>Journal of South American Earth Sciences</i> , 2019, 94, 102229.	1.4	13
45	Hadean-archean detrital zircons from Jatulian quartzites and conglomerates of the Karelian craton. <i>Doklady Earth Sciences</i> , 2010, 431, 318-323.	0.7	12
46	Tectonosedimentary evolution of the Coastal Cordillera and Central Depression of south-Central Chile (36°30'–42°S). <i>Earth-Science Reviews</i> , 2021, 213, 103465.	9.1	12
47	The Case for Tectonic Control on Erosional Exhumation on the Tropical Northern Andes Based on Thermochronology Data. <i>Tectonics</i> , 2021, 40, e2020TC006652.	2.8	11
48	Deep Crustal Faults, Shear Zones, and Magmatism in the Eastern Cordillera of Colombia: Growth of a Plateau From Teleseismic Receiver Function and Geochemical Mio-Pliocene Volcanism Constraints. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 9833-9851.	3.4	10
49	Late Cretaceous porphyry copper mineralization in Sonora, Mexico: Implications for the evolution of the Southwest North America porphyry copper province. <i>Mineralium Deposita</i> , 2014, 49, 879-884.	4.1	9
50	Correlation and Late-Stage Deformation of Liv Group Volcanics in the Ross-Delamerian Orogen, Antarctica, from New U-Pb Ages. <i>Journal of Geology</i> , 2018, 126, 307-323.	1.4	9
51	Tectonic implications of the jurassic magmatism and the metamorphic record at the southern Colombian Andes. <i>Journal of South American Earth Sciences</i> , 2021, 111, 103439.	1.4	9
52	Late Carboniferous porphyry copper mineralization at La Voluntad, Neuquén, Argentina: Constraints from Re-Os molybdenite dating. <i>Mineralium Deposita</i> , 2008, 43, 591-597.	4.1	8
53	The deep magmatic cumulate roots of the Acadian orogen, eastern North America. <i>Geology</i> , 2021, 49, 168-173.	4.4	7
54	Reply to comment on U-Pb geochronology of the Acatlán Complex and implications for the Paleozoic paleogeography and tectonic evolution of southern Mexico by Talavera et al.. <i>Earth and Planetary Science Letters</i> , 2006, 245, 476-480.	4.4	6

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55	IMPROVING FOOD THERMAL PROCESSING: A DEATH-TIME STUDY ON PROCESSED MEAT PRODUCTS. Journal of Food Processing and Preservation, 2013, 37, 189-197.	2.0	5
56	Tectono-stratigraphic evolution of the northeastern sector of the A'irihuau basin, North Patagonian Andes, Argentina: Insights from sedimentology and geochronology data of the A'irihuau Formation. Journal of South American Earth Sciences, 2021, 111, 103487.	1.4	5
57	Uâ€Pb detrital zircon ages in the Lajas Formation at Portada Covunco: Maximum depositional age and provenance implications for the NeuquÃ©n Basin, Argentina. Journal of South American Earth Sciences, 2021, 110, 103325.	1.4	4
58	Paleozoic evolution and heterogeneity of sediment provenance in the Permian Basin. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 588, 110820.	2.3	4
59	Timing of sediment-hosted Cu-Ag mineralization in the Trans-Hudson orogen at Janice Lake, Wollaston Domain, Saskatchewan, Canada. Mineralium Deposita, 2019, 54, 81-100.	4.1	2
60	Uâ€Pb dating of zircon: A sourcing method for pottery from La Morena archaeological site, northâ€west Colombia*. Archaeometry, 2020, 62, 439-468.	1.3	2
61	On the timing and metallogenic implications of the sediment-hosted stratiform copperâ€silver mineralization in the Creston Formation (Belt-Purcell Supergroup), British Columbia, Canada. Ore Geology Reviews, 2021, 131, 104032.	2.7	2
62	Increased megathrust shear force drives topographic uplift in the Colombian coastal forearc. Tectonophysics, 2021, 820, 229132.	2.2	1