

# Jorge A Vazquez

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,090  
citations

623734

14  
h-index

713466

21  
g-index

27  
all docs

27  
docs citations

27  
times ranked

892  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the Accumulation History of the Voluminous Toba Magma. <i>Science</i> , 2004, 305, 991-994.	12.6	130
2	Zircon-scale insights into the history of a Supervolcano, Bishop Tuff, Long Valley, California, with implications for the Ti-in-zircon geothermometer. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 293-311.	3.1	130
3	Time scales of magma storage and differentiation of voluminous high-silica rhyolites at Yellowstone caldera, Wyoming. <i>Contributions To Mineralogy and Petrology</i> , 2002, 144, 274-285.	3.1	121
4	Age of the <sup>40</sup><sup>Ar</sup>/<sup>39</sup><sup>Ar</sup> and <sup>U</sup>-<sup>Pb</sup> dating of sanidine and zircon crystals. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 2508-2528.	2.5	101
5	Months between rejuvenation and volcanic eruption at Yellowstone caldera, Wyoming. <i>Geology</i> , 2015, 43, 695-698.	4.4	85
6	Mechanisms and Timescales of Generating Eruptible Rhyolitic Magmas at Yellowstone Caldera from Zircon and Sanidine Geochronology and Geochemistry. <i>Journal of Petrology</i> , 2015, 56, 1607-1642.	2.8	82
7	Thermochemical evolution of young rhyolites at Yellowstone: Evidence for a cooling but periodically replenished postcaldera magma reservoir. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 188, 186-196.	2.1	73
8	Trace Element Characterisation of <sup>59</sup>Zircon Reference Material for Ion Microprobe Analysis. <i>Geostandards and Geoanalytical Research</i> , 2018, 42, 481-497.	3.1	66
9	High-resolution tephrochronology of the Wilson Creek Formation (Mono Lake, California) and Laschamp event using <sup>238</sup>U-<sup>230</sup>Th SIMS dating of accessory mineral rims. <i>Earth and Planetary Science Letters</i> , 2012, 357-358, 54-67.	4.4	61
10	Fitful and protracted magma assembly leading to a giant eruption, Youngest Toba Tuff, Indonesia. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 156-177.	2.5	48
11	Magma mixing and the generation of isotopically juvenile silicic magma at Yellowstone caldera inferred from coupling <sup>238</sup>U-<sup>230</sup>Th ages with trace elements and Hf and O isotopes in zircon and Pb isotopes in sanidine. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 587-613.	3.1	41
12	Geochemical fingerprinting of Wilson Creek formation tephra layers (Mono Basin, California) using titanomagnetite compositions. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 273, 1-14.	2.1	35
13	Secondary Ionization Mass Spectrometry Analysis in Petrochronology. <i>Reviews in Mineralogy and Geochemistry</i> , 2017, 83, 199-230.	4.8	31
14	The role of mantle-derived magmas in the isotopic evolution of Yellowstone's magmatic system. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1350-1365.	2.5	17
15	Constraining the Early Eruptive History of the Mono Craters Rhyolites, California, Based on <sup>238</sup>U-<sup>230</sup>Th Isochron Dating of Their Explosive and Effusive Products. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 1539-1556.	2.5	14
16	Diverse late-stage crystallization and storage conditions in melt domains from the Youngest Toba Tuff revealed by age and compositional heterogeneity in the last increment of accessory phase growth. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	3.1	14
17	<sup>238</sup>U-<sup>230</sup>Th dating of chevkinite in high-silica rhyolites from La Primavera and Yellowstone calderas. <i>Chemical Geology</i> , 2014, 390, 109-118.	3.3	11
18	Coexisting Discrete Bodies of Rhyolite and Punctuated Volcanism Characterize Yellowstone's Post-Lava Creek Tuff Caldera Evolution. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 3861-3881.	2.5	10

#	ARTICLE	IF	CITATIONS
19	Timescales of magmatic processes in post-collisional potassic lavas, northwestern Tibet. <i>Lithos</i> , 2020, 358-359, 105418.	1.4	7
20	Zircon surface crystallization ages for the extremely reduced magmatic products of the Millennium Eruption, Changbaishan Volcano (China/North Korea). <i>Gondwana Research</i> , 2021, 92, 172-183.	6.0	4