

Pedro J Jugo

List of Publications by Year in descending order

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18
papers

1,892
citations

687363

13
h-index

888059

17
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18
docs citations

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times ranked

1337
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfur K-edge XANES analysis of natural and synthetic basaltic glasses: Implications for S speciation and S content as function of oxygen fugacity. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 5926-5938.	3.9	386
2	Sulfur content at sulfide saturation in oxidized magmas. <i>Geology</i> , 2009, 37, 415-418.	4.4	374
3	Experimental data on the speciation of sulfur as a function of oxygen fugacity in basaltic melts. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 497-503.	3.9	252
4	An Experimental Study of the Sulfur Content in Basaltic Melts Saturated with Immiscible Sulfide or Sulfate Liquids at 1300°C and 1 GPa. <i>Journal of Petrology</i> , 2004, 46, 783-798.	2.8	228
5	High gold concentrations in sulphide-bearing magma under oxidizing conditions. <i>Nature Geoscience</i> , 2011, 4, 112-115.	12.9	177
6	Magmatic sulfides and Au:Cu ratios in porphyry deposits: an experimental study of copper and gold partitioning at 850°C, 100 MPa in a haplogranitic melt-pyrrhotite-intermediate solid solution-gold metal assemblage, at gas saturation. <i>Lithos</i> , 1999, 46, 573-589.	1.4	113
7	The origin of S ⁴⁺ detected in silicate glasses by XANES. <i>American Mineralogist</i> , 2008, 93, 235-240.	1.9	107
8	IMAGING ELEMENT-DISTRIBUTION PATTERNS IN MINERALS BY LASER ABLATION - INDUCTIVELY COUPLED PLASMA - MASS SPECTROMETRY (LA-ICP-MS). <i>Canadian Mineralogist</i> , 2009, 47, 1001-1012.	1.0	90
9	An experimental study on the geochemical behavior of highly siderophile elements (HSE) and metalloids (As, Se, Sb, Te, Bi) in a mss-iss-pyrite system at 650 °C: A possible magmatic origin for Co-HSE-bearing pyrite and the role of metalloid-rich phases in the fractionation of HSE. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 178, 233-258.	3.9	34
10	Oxidized sulfur-rich arc magmas formed porphyry Cu deposits by 1.88 Ga. <i>Nature Communications</i> , 2021, 12, 2189.	12.8	27
11	A complex magmatic system beneath the Devos volcanic field, Massif Central, France: evidence from clinopyroxene megacrysts. <i>Contributions To Mineralogy and Petrology</i> , 2007, 153, 719-731.	3.1	24
12	Chromite chemistry of a massive chromitite seam in the northern limb of the Bushveld Igneous Complex, South Africa: correlation with the UG-2 in the eastern and western limbs and evidence of variable assimilation of footwall rocks. <i>Mineralium Deposita</i> , 2021, 56, 31-44.	4.1	20
13	Martian regolith in Elephant Moraine 79001 shock melts? Evidence from major element composition and sulfur speciation. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 4829-4843.	3.9	17
14	Introduction to the special issue on the Flatreef PGE-Ni-Cu deposit, northern limb of the Bushveld Igneous Complex. <i>Mineralium Deposita</i> , 2021, 56, 1-10.	4.1	13
15	Variable Modes of Formation for Tonalite-Trondhjemite-Granodiorite-Diorite (TTG)-related Porphyry-type Cu-Au Deposits in the Neoproterozoic Southern Abitibi Subprovince (Canada): Evidence from Petrochronology and Oxybarometry. <i>Journal of Petrology</i> , 2021, 62, .	2.8	10
16	Assessing the extent of local crust assimilation within the Flatreef, northern limb of the Bushveld Igneous Complex, using sulfur isotopes and trace element geochemistry. <i>Mineralium Deposita</i> , 2021, 56, 91-102.	4.1	9
17	Strontium isotope stratigraphy through the Flatreef PGE-Ni-Cu mineralization at Turfspruit, northern limb of the Bushveld Igneous Complex: evidence of correlation with the Merensky Unit of the eastern and western limbs. <i>Mineralium Deposita</i> , 2021, 56, 59-72.	4.1	9
18	Sulfide mineral chemistry and platinum-group minerals of the UG-2 chromitite in the northern limb of the Bushveld Igneous Complex, South Africa. <i>Canadian Mineralogist</i> , 2021, 59, 1339-1362.	1.0	2