

Jan C M De Hoog

List of Publications by Year in descending order

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47
papers

3,635
citations

147801
31
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214800
47
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50
all docs

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docs citations

50
times ranked

4613
citing authors

#	ARTICLE	IF	CITATIONS
1	Boron isotopic signatures of melt inclusions from North Iceland reveal recycled material in the Icelandic mantle source. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 294, 273-294.	3.9	10
2	Deciphering variable mantle sources and hydrous inputs to arc magmas in Kamchatka. <i>Earth and Planetary Science Letters</i> , 2021, 562, 116848.	4.4	13
3	Isotopic Compositions (Li, Si, Mg, Sr, Nd, Hf, Pb) and Fe ²⁺ /Fe Ratios of Three Synthetic Andesite Class Reference Materials (ARM1, ARM2, ARM3). <i>Geostandards and Geoanalytical Research</i> , 2021, 45, 719-745.	3.1	32
4	Constraints on the behaviour and content of volatiles in Galápagos magmas from melt inclusions and nominally anhydrous minerals. <i>Geochimica Et Cosmochimica Acta</i> , 2021, , .	3.9	3
5	Formation process of dunites and chromitites in Orhaneli and Harmancık ophiolites (NW Turkey): Evidence from in-situ Li isotopes and trace elements in olivine. <i>Lithos</i> , 2020, 376-377, 105773.	1.4	9
6	Boron isotope record of peak metamorphic ultrahigh-pressure and retrograde fluid-rock interaction in white mica (Lago di Cignana, Western Alps). <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 20.	3.1	20
7	A limited role for metasomatized subarc mantle in the generation of boron isotope signatures of arc volcanic rocks. <i>Geology</i> , 2019, 47, 517-521.	4.4	18
8	Trace-element geochemistry of diamond-hosted olivine inclusions from the Akwatia Mine, West African Craton: implications for diamond paragenesis and geothermobarometry. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	3.1	12
9	Investigating ocean island mantle source heterogeneity with boron isotopes in melt inclusions. <i>Earth and Planetary Science Letters</i> , 2019, 508, 97-108.	4.4	21
10	Boron Isotopes as a Tracer of Subduction Zone Processes. <i>Advances in Isotope Geochemistry</i> , 2018, , 217-247.	1.4	47
11	First measurements of OH-C exchange and temperature-dependent partitioning of OH and halogens in the system apatite-silicate melt. <i>American Mineralogist</i> , 2018, 103, 260-270.	1.9	35
12	Matrix Effects During SIMS Measurement of the Lithium Mass Fractions of Silicate Glasses: Correction Procedures and Updated Preferred Values of Reference Materials. <i>Geostandards and Geoanalytical Research</i> , 2018, 42, 513-522.	3.1	8
13	Multiple subduction imprints in the mantle below Italy detected in a single lava flow. <i>Earth and Planetary Science Letters</i> , 2016, 449, 12-19.	4.4	12
14	Halogen (F, Cl, Br, I) behaviour in subducting slabs: A study of lawsonite blueschists in western Turkey. <i>Earth and Planetary Science Letters</i> , 2016, 442, 133-142.	4.4	49
15	Hydrous Phase Relations and Trace Element Partitioning Behaviour in Calcareous Sediments at Subduction-Zone Conditions. <i>Journal of Petrology</i> , 2015, 56, 953-980.	2.8	70
16	Boron isotopes in tourmaline from the ca. 3.7-3.8Ga Isua supracrustal belt, Greenland: Sources for boron in Eoarchean continental crust and seawater. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 163, 156-177.	3.9	48
17	An Experimental Study of Trace Element Fluxes from Subducted Oceanic Crust. <i>Journal of Petrology</i> , 2015, 56, 1585-1606.	2.8	60
18	Temporal variations in the influence of the subducting slab on Central Andean arc magmas: Evidence from boron isotope systematics. <i>Earth and Planetary Science Letters</i> , 2014, 408, 390-401.	4.4	35

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19	Channelized Fluid Flow and Eclogite-facies Metasomatism along the Subduction Shear Zone. <i>Journal of Petrology</i> , 2014, 55, 883-916.	2.8	139
20	Hydrogen incorporation and charge balance in natural zircon. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 141, 472-486.	3.9	54
21	Titanium- and water-rich metamorphic olivine in high-pressure serpentinites from the Voltri Massif (Ligurian Alps, Italy): evidence for deep subduction of high-field strength and fluid-mobile elements. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	3.1	34
22	Boron isotopic composition of tourmaline, prismaticine, and grandierite from granulite facies paragneisses in the Larsemann Hills, Prydz Bay, East Antarctica: Evidence for a non-marine evaporite source. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 123, 261-283.	3.9	38
23	Insights on deep, accretionary subduction processes from the Sistan ophiolitic complex (Eastern Tethyan Himalayas). <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	1.4	0.784314
24	Comments on "Garnet-bearing ultramafic rocks from the Dominican Republic: Fossil mantle plume fragments in an ultra high pressure oceanic complex" by Gazel et al. [<i>Lithos</i> 125 (2011) 393-404]. <i>Lithos</i> , 2012, 134-135, 330-334.	1.4	2
25	Phase relations during peak metamorphism and decompression of the UHP kyanite eclogites, Pohorje Mountains (Eastern Alps, Slovenia). <i>Lithos</i> , 2012, 144-145, 40-55.	1.4	34
26	Ultramafic Cumulates of Oceanic Affinity in an Intracontinental Subduction Zone. <i>Lithos</i> , 2011, 118, 399-439.		5
27	The cadmium-phosphate relationship in brine: biological versus physical control over micronutrients in sea ice environments. <i>Antarctic Science</i> , 2010, 22, 11.	0.9	11
28	Atmospheric trace metals over the south-west Indian Ocean: Total gaseous mercury, aerosol trace metal concentrations and lead isotope ratios. <i>Marine Chemistry</i> , 2010, 121, 2-16.	2.3	57
29	Aerosol trace metals, particle morphology and total gaseous mercury in the atmosphere of Oxford, UK. <i>Atmospheric Environment</i> , 2010, 44, 1524-1538.	4.1	46
30	Eclogite-hosting metapelites from the Pohorje Mountains (Eastern Alps): P-T evolution, zircon geochronology and tectonic implications. <i>European Journal of Mineralogy</i> , 2010, 21, 1191-1212.	1.3	29
31	Trace-element geochemistry of mantle olivine and application to mantle petrogenesis and geothermobarometry. <i>Chemical Geology</i> , 2010, 270, 196-215.	3.3	351
32	Serpentinised peridotites from an ultrahigh-pressure terrane in the Pohorje Mts. (Eastern Alps). <i>Contributions To Mineralogy and Petrology</i> , 2010, 164, 107-122.	1.4	44
33	Hydrogen-isotope systematics in degassing basaltic magma and application to Indonesian arc basalts. <i>Chemical Geology</i> , 2009, 266, 256-266.	3.3	32
34	Cadmium and phosphate in coastal Antarctic seawater: Implications for Southern Ocean nutrient cycling. <i>Marine Chemistry</i> , 2008, 112, 149-157.	2.3	33
35	Paleo-Eskimo mtDNA Genome Reveals Matrilineal Discontinuity in Greenland. <i>Science</i> , 2008, 320, 1787-1789.	12.6	184
36	Ancient Biomolecules from Deep Ice Cores Reveal a Forested Southern Greenland. <i>Science</i> , 2007, 317, 111-114.	12.6	393

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37	In situ determination of sulfur isotopes in sulfur-rich materials by laser ablation multiple-collector inductively coupled plasma mass spectrometry (LA-MC-ICP-MS). <i>Journal of Analytical Atomic Spectrometry</i> , 2006, 21, 177-186.	3.0	81
38	MPI-DING reference glasses for in situ microanalysis: New reference values for element concentrations and isotope ratios. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	2.5	563
39	Geochemistry of abyssal peridotites (Mid-Atlantic Ridge, 15°20'N, ODP Leg 209): Implications for fluid/rock interaction in slow spreading environments. <i>Chemical Geology</i> , 2006, 234, 179-210.	3.3	360
40	Ultrahigh-pressure metamorphism and exhumation of garnet peridotite in Pohorje, Eastern Alps. <i>Journal of Metamorphic Geology</i> , 2006, 24, 19-31.	3.4	60
41	Oxidized sulfur-rich mafic magma at Mount Pinatubo, Philippines. <i>Contributions To Mineralogy and Petrology</i> , 2004, 146, 750-761.	3.1	99
42	Sulfur and chalcophile elements in subduction zones: constraints from a laser ablation ICP-MS study of melt inclusions from Galunggung Volcano, Indonesia. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 3147-3164.	3.9	161
43	Sulfur isotope systematics of basaltic lavas from Indonesia: implications for the sulfur cycle in subduction zones. <i>Earth and Planetary Science Letters</i> , 2001, 189, 237-252.	4.4	116
44	Sulfur and chlorine degassing from primitive arc magmas: temporal changes during the 1982-1983 eruptions of Galunggung (West Java, Indonesia). <i>Journal of Volcanology and Geothermal Research</i> , 2001, 108, 55-83.	2.1	55
45	Volatile-induced transport of HFSE, REE, Th and U in arc magmas: evidence from zirconolite-bearing vesicles in potassic lavas of Lewotolo volcano (Indonesia). <i>Contributions To Mineralogy and Petrology</i> , 2000, 139, 485-502.	3.1	47
46	Volcanogenic pollution by acid water discharges along Ciwidey River, West Java (Indonesia). <i>Journal of Geochemical Exploration</i> , 1998, 62, 161-182.	3.2	33
47	Notes on the chemical composition of zirconolite with thorutite inclusions from Walaweduwa, Sri Lanka. <i>Mineralogical Magazine</i> , 1997, 61, 721-725.	1.4	8