

Marjorie Wilson

List of Publications by Year in descending order

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74
papers

5,691
citations

70961

41
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91712

69
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76
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docs citations

76
times ranked

4462
citing authors

#	ARTICLE	IF	CITATIONS
1	The circum-Mediterranean anorogenic Cenozoic igneous province. <i>Earth-Science Reviews</i> , 2007, 81, 1-65.	4.0	464
2	Tertiary–Quaternary Extension-Related Alkaline Magmatism in Western and Central Europe. <i>Journal of Petrology</i> , 1991, 32, 811-849.	1.1	398
3	Post-collisional adakites in south Tibet: Products of partial melting of subduction-modified lower crust. <i>Lithos</i> , 2007, 96, 205-224.	0.6	326
4	Imaging a mantle plume beneath the French Massif Central. <i>Earth and Planetary Science Letters</i> , 1995, 136, 281-296.	1.8	290
5	Post-collisional, Potassic and Ultrapotassic Magmatism of the Northern Tibetan Plateau: Constraints on Characteristics of the Mantle Source, Geodynamic Setting and Uplift Mechanisms. <i>Journal of Petrology</i> , 2006, 47, 1177-1220.	1.1	250
6	The Himalayan leucogranites: Constraints on the nature of their crustal source region and geodynamic setting. <i>Gondwana Research</i> , 2012, 22, 360-376.	3.0	239
7	The Origin of Intra-plate Ocean Island Basalts (OIB): the Lid Effect and its Geodynamic Implications. <i>Journal of Petrology</i> , 2011, 52, 1443-1468.	1.1	208
8	Magmatism and rifting in Western and Central Africa, from Late Jurassic to Recent times. <i>Tectonophysics</i> , 1992, 213, 203-225.	0.9	164
9	Thermal evolution of the Central Atlantic passive margins: continental break-up above a Mesozoic super-plume. <i>Journal of the Geological Society</i> , 1997, 154, 491-495.	0.9	144
10	Post-collisional Ultrapotassic Mafic Magmatism in South Tibet: Products of Partial Melting of Pyroxenite in the Mantle Wedge Induced by Roll-back and Delamination of the Subducted Indian Continental Lithosphere Slab. <i>Journal of Petrology</i> , 2015, 56, 1365-1406.	1.1	134
11	Chronology and geodynamic setting of Cretaceous-Cenozoic rifting in West and Central Africa. <i>Tectonophysics</i> , 1992, 213, 227-234.	0.9	129
12	Post-collisional, K-rich mafic magmatism in south Tibet: constraints on Indian slab-to-wedge transport processes and plateau uplift. <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 1311-1340.	1.2	128
13	Melilitites: partial melts of the thermal boundary layer?. <i>Contributions To Mineralogy and Petrology</i> , 1995, 119, 181-196.	1.2	121
14	Tertiary volcanism of the Galatia province, north-west Central Anatolia, Turkey. <i>Lithos</i> , 1997, 42, 105-121.	0.6	121
15	Magmatism and the geodynamics of rifting of the Pripyat-Dnieper-Donets rift, East European Platform. <i>Tectonophysics</i> , 1996, 268, 65-81.	0.9	116
16	Importance of tropospheric volcanic aerosol for indirect radiative forcing of climate. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 7321-7339.	1.9	116
17	Late Oligocene–early Miocene transformation of postcollisional magmatism in Tibet. <i>Geology</i> , 2019, 47, 776-780.	2.0	104
18	Magmatism and the geodynamics of basin formation. <i>Sedimentary Geology</i> , 1993, 86, 5-29.	1.0	98

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19	Permo-Carboniferous magmatism and rifting in Europe: introduction. Geological Society Special Publication, 2004, 223, 1-10.	0.8	95
20	Selective environmental stress from sulphur emitted by continental flood basalt eruptions. Nature Geoscience, 2016, 9, 77-82.	5.4	92
21	Excess mortality in Europe following a future Laki-style Icelandic eruption. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15710-15715.	3.3	91
22	Lithospheric structure across the Adamawa plateau (Cameroon) from gravity studies. Tectonophysics, 1997, 273, 317-327.	0.9	90
23	Mafic alkaline magmatism associated with the European Cenozoic rift system. Tectonophysics, 1992, 208, 173-182.	0.9	88
24	Tertiary-Quaternary magmatism within the Mediterranean and surrounding regions. Geological Society Special Publication, 1999, 156, 141-168.	0.8	84
25	Variable water input controls evolution of the Lesser Antilles volcanic arc. Nature, 2020, 582, 525-529.	13.7	81
26	Multiple enrichment of the Carpathian-Pannonian mantle: Pb-Sr-Nd isotope and trace element constraints. Journal of Geophysical Research, 1997, 102, 14947-14961.	3.3	69
27	Tertiary-Quaternary intra-plate magmatism in Europe and its relationship to mantle dynamics. Geological Society Memoir, 2006, 32, 147-166.	0.9	69
28	Carboniferous-Permian rifting and magmatism in southern Scandinavia, the North Sea and northern Germany: a review. Geological Society Special Publication, 2004, 223, 11-40.	0.8	68
29	The impact of the 1783-1784 AD Laki eruption on global aerosol formation processes and cloud condensation nuclei. Atmospheric Chemistry and Physics, 2010, 10, 6025-6041.	1.9	68
30	A trace element perspective on the source of ocean island basalts (OIB) and fate of subducted ocean crust (SOC) and mantle lithosphere (SML). Episodes, 2012, 35, 310-327.	0.8	68
31	Evidence of diverse depletion and metasomatic events in harzburgite-herzolite mantle xenoliths from the Iberian plate (Olot, NE Spain): Implications for lithosphere accretionary processes. Lithos, 2007, 94, 25-45.	0.6	64
32	Olivine Melilitites of the SW German Tertiary Volcanic Province: Mineralogy and Petrogenesis. Journal of Petrology, 1998, 39, 1805-1836.	1.1	60
33	Tectonics and magmatism associated with Mesozoic passive continental margin development in the Middle East. Journal of the Geological Society, 1997, 154, 459-464.	0.9	58
34	Geochemical signatures of oceanic and continental basalts: a key to mantle dynamics?. Journal of the Geological Society, 1993, 150, 977-990.	0.9	57
35	Late Permian to Recent magmatic activity on the African-Arabian margin of Tethys. Geological Society Special Publication, 1998, 132, 231-263.	0.8	55
36	Multistage evolution of the European lithospheric mantle: new evidence from Sardinian peridotite xenoliths. Contributions To Mineralogy and Petrology, 2001, 142, 284-297.	1.2	54

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37	Intraplate magmatism related to short-wavelength convective instabilities in the upper mantle: Evidence from the Tertiary-Quaternary volcanic province of Western and Central Europe. , 2001, , .		53
38	The role of subduction channel melt lenses and convergent subduction systems in the petrogenesis of post-collisional K-rich mafic magmatism in NW Tibet. Lithos, 2014, 198-199, 184-201.	0.6	53
39	Differentiation and Source Processes at Mt Pelée and the Quill; Active Volcanoes in the Lesser Antilles Arc. Journal of Petrology, 2011, 52, 1493-1531.	1.1	48
40	The Occurrence of Forsterite and Highly Oxidizing Conditions in Basaltic Lavas from Stromboli Volcano, Italy. Journal of Petrology, 2006, 47, 1345-1373.	1.1	47
41	Magmatism and continental rifting during the opening of the South Atlantic Ocean: a consequence of Lower Cretaceous super-plume activity?. Geological Society Special Publication, 1992, 68, 241-255.	0.8	46
42	Geochemistry and tectonic setting of Tertiary volcanism in the Gökova area, Anatolia, Turkey. Journal of Volcanology and Geothermal Research, 1998, 85, 285-301.	0.8	43
43	India-Asia collision as a driver of atmospheric CO ₂ in the Cenozoic. Nature Communications, 2021, 12, 3891.	5.8	43
44	REVIEW OF IGNEOUS PETROGENESIS: A GLOBAL TECTONIC APPROACH. Terra Nova, 1989, 1, 218-222.	0.9	41
45	Late Palaeozoic intra- and pericratonic basins on the East European Craton and its margins. Geological Society Memoir, 2006, 32, 463-479.	0.9	38
46	Magmatic differentiation. Journal of the Geological Society, 1993, 150, 611-624.	0.9	35
47	Plate-moving mechanisms: constraints and controversies. Journal of the Geological Society, 1993, 150, 923-926.	0.9	29
48	High-K Mafic Plinian Eruptions of Volcán de Colima, Mexico. Journal of Petrology, 2014, 55, 2155-2192.	1.1	29
49	Mantle metasomatism by melts of HIMU piclogite components: new insights from Fe-ilherzolite xenoliths (Calatrava Volcanic District, central Spain). Geological Society Special Publication, 2010, 337, 107-124.	0.8	26
50	Along-Arc Heterogeneity in Local Seismicity across the Lesser Antilles Subduction Zone from a Dense Ocean-Bottom Seismometer Network. Seismological Research Letters, 2020, 91, 237-247.	0.8	26
51	Partial melts of subducted phosphatic sediments in the mantle. Geology, 1997, 25, 77.	2.0	25
52	Plate tectonic processes in the South Atlantic Ocean: Do we need deep mantle plumes?. , 2005, , .		25
53	The Geochemistry of the Igneous Rock Suite of St Martin, Northern Lesser Antilles. Journal of Petrology, 1993, 34, 839-866.	1.1	23
54	Early Cretaceous magmatism of Mount Hermon, Northern Israel. Contributions To Mineralogy and Petrology, 2000, 139, 54-67.	1.2	22

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55	The evolution of the magmatic system of Stromboli volcano during the Vancori period (26±13.8 ky). Journal of Volcanology and Geothermal Research, 2005, 147, 1-38.	0.8	22
56	Deciphering magma mixing: The application of cluster analysis to the mineral chemistry of crystal populations. Journal of Volcanology and Geothermal Research, 2007, 165, 163-188.	0.8	20
57	Wide-Angle Seismic Imaging of Two Modes of Crustal Accretion in Mature Atlantic Ocean Crust. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB019100.	1.4	20
58	Boron isotope insights into the origin of subduction signatures in continent-continent collision zone volcanism. Earth and Planetary Science Letters, 2020, 538, 116207.	1.8	16
59	⁴⁰ Ar/ ³⁹ Ar dating, geochemistry and tectonic setting of Early Carboniferous dolerite sills in the Pechora basin, foreland of the Polar Urals. Tectonophysics, 1999, 313, 107-118.	0.9	14
60	Editorial 2016. Journal of Petrology, 2016, 57, 1-2.	1.1	12
61	Olivine Melilitites of the SW German Tertiary Volcanic Province: Mineralogy and Petrogenesis. , 0, .		12
62	Editorial 2011. Journal of Petrology, 2011, 52, 1-1.	1.1	10
63	Editorial 2006. Journal of Petrology, 2006, 47, 1-1.	1.1	8
64	Editorial 2012. Journal of Petrology, 2012, 53, 1-1.	1.1	8
65	Editorial 2017. Journal of Petrology, 2017, 58, 1-1.	1.1	6
66	Post-collisional shift from polygenetic to monogenetic volcanism revealed by new ⁴⁰ Ar/ ³⁹ Ar ages in the southern Lesser Caucasus (Armenia). Journal of Volcanology and Geothermal Research, 2021, 412, 107192.	0.8	6
67	Magmatic differentiation. Geological Society Memoir, 1995, 16, 205-218.	0.9	4
68	Melilitites: partial melts of the thermal boundary layer?. Contributions To Mineralogy and Petrology, 1995, 119, 181-196.	1.2	4
69	Crustal evolution in the Andes. Nature, 1989, 341, 483-484.	13.7	3
70	Editorial 2014. Journal of Petrology, 2014, 55, 1-1.	1.1	3
71	Editorial 2018. Journal of Petrology, 2018, 59, 1-2.	1.1	2
72	Foreword: Magma generation and evolution in the Earth. Journal of Petrology, 2004, 45, 2347-2348.	1.1	0

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73	Exploration 3D Seismic over the Gjallar Ridge, Mid-Norway: Visualization of Structures on the Norwegian Volcanic Margin from Moho to Seafloor. Geological Society Memoir, 2004, 29, 177-186.	0.9	0
74	Introduction to the Lherzolites Thematic Issue. Journal of Petrology, 2016, 57, 623-624.	1.1	0