

Anthony J Crawford

List of Publications by Citations

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37
papers

3,799
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37
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4,072
ext. citations

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L-index

#	Paper	IF	Citations
37	Factors Controlling Chemistry of Magmatic Spinel: an Empirical Study of Associated Olivine, Cr-spinel and Melt Inclusions from Primitive Rocks. <i>Journal of Petrology</i> , 2001 , 42, 655-671	3.9	676
36	Evidence for carbonatite metasomatism in spinel peridotite xenoliths from western Victoria, Australia. <i>Earth and Planetary Science Letters</i> , 1991 , 107, 305-317	5.3	350
35	Precious metals in magnesian low-Ti lavas: Implications for metallogensis and sulfur saturation in primary magmas. <i>Geochimica Et Cosmochimica Acta</i> , 1985 , 49, 1797-1811	5.5	247
34	An experimental study of the effects of melt composition on plagioclase-melt equilibria at 5 and 10 kbar: implications for the origin of magmatic high-An plagioclase. <i>Contributions To Mineralogy and Petrology</i> , 1995 , 118, 420-432	3.5	206
33	Tectono-magmatic evolution of the West Philippine-Mariana region and the origin of boninites. <i>Earth and Planetary Science Letters</i> , 1981 , 54, 346-356	5.3	203
32	The petrogenesis of high-calcium boninite lavas dredged from the northern Tonga ridge. <i>Earth and Planetary Science Letters</i> , 1991 , 102, 375-394	5.3	141
31	Tectonic implications of Late Proterozoic-Early Palaeozoic igneous rock associations in western Tasmania. <i>Tectonophysics</i> , 1992 , 214, 37-56	3.1	140
30	The Western Ailaoshan Volcanic Belts and their SE Asia connection: A new tectonic model for the Eastern Indochina Block. <i>Gondwana Research</i> , 2014 , 26, 52-74	5.1	120
29	Phenocryst and melt inclusion chemistry of near-axis seamounts, Valu Fa Ridge, Lau Basin: insight into mantle wedge melting and the addition of subduction components. <i>Earth and Planetary Science Letters</i> , 1997 , 151, 205-223	5.3	109
28	The association boninite low-ti andesite-tholeiite in the heathcote greenstone belt, Victoria; ensimatic setting for the early lachlan fold belt. <i>Australian Journal of Earth Sciences</i> , 1984 , 31, 161-175	1.4	105
27	Calcic melt inclusions in primitive olivine at 43°N MAR: evidence for melt-rock reaction/melting involving clinopyroxene-rich lithologies during MORB generation. <i>Earth and Planetary Science Letters</i> , 1998 , 160, 115-132	5.3	102
26	Slab break-off and the formation of Permian mafic-ultramafic intrusions in southern margin of Central Asian Orogenic Belt, Xinjiang, NW China. <i>Lithos</i> , 2011 , 127, 128-143	2.9	96
25	Geochemical evolution and tectonic significance of boninites and tholeiites from the Koh ophiolite, New Caledonia. <i>Tectonics</i> , 1996 , 15, 67-83	4.3	91
24	The Central Ailaoshan ophiolite and modern analogs. <i>Gondwana Research</i> , 2014 , 26, 75-88	5.1	89
23	Earliest Eocene (53 Ma) convergence in the Southwest Pacific: evidence from pre-obduction dikes in the ophiolite of New Caledonia. <i>Terra Nova</i> , 2006 , 18, 395-402	3	81
22	Enriched End-member of Primitive MORB Melts: Petrology and Geochemistry of Glasses from Macquarie Island (SW Pacific). <i>Journal of Petrology</i> , 2000 , 41, 411-430	3.9	81
21	Cambrian greenstone belts in Victoria: Marginal sea-crust slices in the Lachlan Fold Belt of southeastern Australia. <i>Earth and Planetary Science Letters</i> , 1978 , 41, 197-208	5.3	80

20	Tasmanian Tertiary basalts, the Balleny plume, and opening of the Tasman Sea (southwest Pacific Ocean). <i>Geology</i> , 1993 , 21, 555	5	77
19	High-Mg potassic rocks from Taiwan: implications for the genesis of orogenic potassic lavas. <i>Lithos</i> , 2001 , 59, 153-170	2.9	68
18	Geochemistry and tectonic significance of basalts in the Poya Terrane, New Caledonia. <i>Tectonophysics</i> , 1998 , 284, 203-219	3.1	66
17	Fossil seaward-dipping reflector sequences preserved in southeastern Australia: a 600 Ma volcanic passive margin in eastern Gondwanaland. <i>Journal of the Geological Society</i> , 2003 , 160, 985-990	2.7	62
16	Cambrian arc evolution along the SE Gondwana active margin: A synthesis from Tasmania-New Zealand-Australia-Antarctica correlations. <i>Tectonics</i> , 2000 , 19, 415-432	4.3	62
15	U-Pb zircon geochronology and geochemistry from NE Vietnam: A tectonically disputed territory between the Indochina and South China blocks. <i>Gondwana Research</i> , 2016 , 34, 254-273	5.1	61
14	Melt inclusions in detrital spinel from the SE Alps (Italy/Slovenia): a new approach to provenance studies of sedimentary basins. <i>Contributions To Mineralogy and Petrology</i> , 2000 , 139, 748-758	3.5	60
13	Petrology and geochemistry of Cambrian boninites and low-Ti andesites from Heathcote, Victoria. <i>Contributions To Mineralogy and Petrology</i> , 1985 , 91, 93-104	3.5	54
12	Mafic volcanic rocks on King Island, Tasmania: evidence for 579 Ma break-up in east Gondwana. <i>Precambrian Research</i> , 2004 , 135, 177-191	3.9	51
11	Determination of High Field Strength Elements, Rb, Sr, Mo, Sb, Cs, Tl and Bi at ng g ⁻¹ Levels in Geological Reference Materials by Magnetic Sector ICP-MS after HF/HClO ₄ High Pressure Digestion. <i>Geostandards and Geoanalytical Research</i> , 2000 , 24, 39-50	3.6	50
10	Collision tectonics in the New Hebrides arc (Vanuatu). <i>Island Arc</i> , 2001 , 10, 33-50	2	49
9	High-Mg adakites from Kadavu Island Group, Fiji, southwest Pacific: Evidence for the mantle origin of adakite parental melts. <i>Geology</i> , 2008 , 36, 499	5	45
8	Geochemistry and geochronology of Late Triassic volcanic rocks in the Chiang Khong region, northern Thailand. <i>Island Arc</i> , 2009 , 18, 32-51	2	33
7	Basalts from the Efate Island Group, central section of the Vanuatu arc, SW Pacific: geochemistry and petrogenesis. <i>Journal of Volcanology and Geothermal Research</i> , 2004 , 134, 35-56	2.8	32
6	Primitive shoshonites from Fiji: Geochemistry and source components. <i>Geochemistry, Geophysics, Geosystems</i> , 2009 , 10, n/a-n/a	3.6	24
5	A clinostatite-bearing cumulate Olivine Pyroxenite from Howqua, Victoria. <i>Contributions To Mineralogy and Petrology</i> , 1981 , 75, 353-367	3.5	24
4	Melt-peridotite reaction recorded in the chemistry of spinel and melt inclusions in basalt from 43°N, Mid-Atlantic Ridge. <i>Earth and Planetary Science Letters</i> , 1998 , 164, 345-352	5.3	22
3	Coexistence of Indian and Pacific Oceanic Upper Mantle Reservoirs Beneath the Central New Hebrides Island Arc. <i>Geophysical Monograph Series</i> , 1995 , 199-217	1.1	20

2	Cretaceous fore-arc basalts from the Tonga arc: Geochemistry and implications for the tectonic history of the SW Pacific. <i>Tectonophysics</i> , 2014 , 630, 21-32	3.1	19
1	Granulite-Hosted Gold: Tectonic Setting and Lithogeochemistry of the Tropicana Deposit, Western Australia. <i>Economic Geology</i> , 2016 , 111, 395-420	4.3	3