

# Martin Menzies

## List of Publications by Year in descending order

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31  
papers

2,718  
citations

279798

23  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1726  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Integration of geology, geophysics and geochemistry: A key to understanding the North China Craton. <i>Lithos</i> , 2007, 96, 1-21.   | 1.4  | 529       |
| 2  | A brief Oligocene period of flood volcanism in Yemen: implications for the duration and rate of continental flood volcanism at the Afro-Arabian triple junction. <i>Earth and Planetary Science Letters</i> , 1996, 138, 39-55.         | 4.4  | 227       |
| 3  | Matching conjugate volcanic rifted margins: <sup>40</sup> Ar/ <sup>39</sup> Ar chrono-stratigraphy of pre- and syn-rift bimodal flood volcanism in Ethiopia and Yemen. <i>Earth and Planetary Science Letters</i> , 2002, 198, 289-306. | 4.4  | 218       |
| 4  | Nd and Sr isotope geochemistry of hydrous mantle nodules and their host alkali basalts: implications for local heterogeneities in metasomatically veined mantle. <i>Earth and Planetary Science Letters</i> , 1980, 46, 323-334.        | 4.4  | 211       |
| 5  | Interaction of Continental Lithosphere and Asthenospheric Melts below the Geronimo Volcanic Field, Arizona, U.S.A. <i>Journal of Petrology</i> , 1985, 26, 663-693.   | 2.8  | 193       |
| 6  | Enriched mantle: Nd and Sr isotopes in diopsides from kimberlite nodules. <i>Nature</i> , 1980, 283, 634-636.   | 27.8 | 156       |
| 7  | Geological evolution of the southeastern Red Sea Rift margin, Republic of Yemen. <i>Bulletin of the Geological Society of America</i> , 1994, 106, 1474-1493.   | 3.3  | 129       |
| 8  | Oxygen isotopic composition of hydrous and anhydrous mantle peridotites. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 161-169.  | 3.9  | 123       |
| 9  | Plagioclase lherzolite-residual mantle relationships within two eastern mediterranean ophiolites. <i>Contributions To Mineralogy and Petrology</i> , 1974, 45, 197-213.   | 3.1  | 114       |
| 10 | Volcanic and nonvolcanic rifted margins of the Red Sea and Gulf of Aden: Crustal cooling and margin evolution in Yemen. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 2511-2527.   | 3.9  | 90        |
| 11 | Basalt-seawater interaction: trace element and strontium isotopic variations in experimentally altered glassy basalt. <i>Earth and Planetary Science Letters</i> , 1979, 44, 463-472.   | 4.4  | 89        |
| 12 | Silicate glasses in spinel lherzolites from Yemen: origin and chemical composition. <i>Chemical Geology</i> , 1996, 134, 159-179.   | 3.3  | 73        |
| 13 | Experimental evidence of rare earth element immobility in greenstones. <i>Nature</i> , 1979, 282, 398-399.  | 27.8 | 64        |
| 14 | Correlation of Indian Ocean tephra to individual Oligocene silicic eruptions from Afro-Arabian flood volcanism. <i>Earth and Planetary Science Letters</i> , 2003, 211, 311-327.  | 4.4  | 56        |
| 15 | Rare earth and trace element geochemistry of metabasalts from the Point Sal ophiolite, California. <i>Earth and Planetary Science Letters</i> , 1977, 37, 203-215.  | 4.4  | 53        |
| 16 | Fluid processes in diamond to spinel facies shallow mantle. <i>Journal of Geodynamics</i> , 1995, 20, 387-415.  | 1.6  | 49        |
| 17 | Mineralogy and partial melt textures within an ultramafic-mafic body, Greece. <i>Contributions To Mineralogy and Petrology</i> , 1973, 42, 273-285.   | 3.1  | 48        |
| 18 | Rare earth geochemistry of fused ophiolitic and alpine lherzolites. <i>Geochimica Et Cosmochimica Acta</i> , 1976, 40, 645-656.   | 3.9  | 48        |

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|----|---|------|-----------|
| 19 | Zuni "Bandera volcanism, Rio Grande, USA " Melt formation in garnet- and spinel-facies mantle straddling the asthenosphere "lithosphere boundary. <i>Lithos</i> , 2008, 102, 295-315.   | 1.4  | 47        |
| 20 | Rare earth geochemistry of fused ophiolitic and alpine lherzolites. <i>Contributions To Mineralogy and Petrology</i> , 1977, 64, 53-74.   | 3.1  | 37        |
| 21 | Alkaline rocks and their inclusions: a window on the Earth's interior. <i>Geological Society Special Publication</i> , 1987, 30, 15-27.   | 1.3  | 26        |
| 22 | Lithospheric extension and the opening of the Red Sea: sediment-basalt relationships in Yemen. <i>Terra Nova</i> , 1990, 2, 340-350.  | 2.1  | 26        |
| 23 | Rifting of a tethyan continent " Rare earth evidence of an accreting plate margin. <i>Earth and Planetary Science Letters</i> , 1976, 28, 427-438.  | 4.4  | 24        |
| 24 | Craton Destruction 1: Cratonic Keel Delamination Along a Weak Midlithospheric Discontinuity Layer. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 10,040.   | 3.4  | 24        |
| 25 | Rare earth and trace element geochemistry of a fragment of jurassic seafloor, Point Sal, California. <i>Geochimica Et Cosmochimica Acta</i> , 1977, 41, 1419-1430.  | 3.9  | 19        |
| 26 | Craton Destruction 2: Evolution of Cratonic Lithosphere After a Rapid Keel Delamination Event. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 10,069.   | 3.4  | 12        |
| 27 | Development of a Dense Cratonic Keel Prior to the Destruction of the North China Craton: Constraints From Sedimentary Records and Numerical Simulation. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 13192-13206. | 3.4  | 11        |
| 28 | Spinel compositional variation in the crustal and mantle lithologies of the Othris ophiolite. <i>Contributions To Mineralogy and Petrology</i> , 1975, 51, 303-309.   | 3.1  | 10        |
| 29 | Evolution of the Red Sea Volcanic Margin, Western Yemen. <i>Geophysical Monograph Series</i> , 0, , 29-43.  | 0.1  | 9         |
| 30 | Comment on "œls phlogopite the key?" by A.E. Beswick. <i>Geochimica Et Cosmochimica Acta</i> , 1978, 42, 146-149.   | 3.9  | 3         |
| 31 | Earth science: Kimberlites revisited. <i>Nature</i> , 1983, 302, 380-381.   | 27.8 | 0         |