R F Berry

List of Publications by Year
in descending order

66 papers	3,640 citations	185998 28 h-index	128067 60 g-index
70 all docs	70 docs citations	70 times ranked	2661 citing authors

#	Article	IF	Citations
1	Detrital zircon ages, provenance and tectonic evolution in the early Paleozoic of Tasmania and Waratah Bay, Victoria. Australian Journal of Earth Sciences, 2022, 69, 650-665.	0.4	7
2	Automated Core Logging Technology for Geotechnical Assessment: A Study on Core from the Cadia East Porphyry Deposit. Economic Geology, 2019, 114, 1495-1511.	1.8	15
3	Predictive Models of Mineralogy from Whole-Rock Assay Data: Case Study from the Productora Cu-Au-Mo Deposit, Chile. Economic Geology, 2019, 114, 1513-1542.	1.8	11
4	Geochemistry and provenance of the Turquoise Bluff Slate, northeastern Tasmania: tectonic significance. Australian Journal of Earth Sciences, 2019, 66, 227-246.	0.4	3
5	Depositional age and correlation of the Oonah Formation: refining the timing of Neoproterozoic basin formation in Tasmania. Australian Journal of Earth Sciences, 2018, 65, 391-407.	0.4	9
6	Rodinian devil in disguise: Correlation of 1.25â€“1.10 Ga strata between Tasmania and Grand Canyon. Geology, 2018, 46, 991-994.	2.0	30
7	Lithological discrimination of altered volcanic rocks based on systematic portable X-ray fluorescence analysis of drill core at the Myra Falls VHMS deposit, Canada. Journal of Geochemical Exploration, 2018, 193, 1-21.	1.5	16
8	Mineral Dust Emissions at Metalliferous Mine Sites. , 2017, , 281-306.		9
9	Prediction of Acid Rock Drainage from Automated Mineralogy. , 2017, , 139-156.		6
10	Geological Contributions to Geometallurgy: A Review. Geoscience Canada, 2017, 44, 103-118.	0.3	14
11	Prediction of Mineral Dust Properties at Mine Sites. , 2017, , 343-354.		0
12	Mineral Dust Properties at the Mt Lyell Cu-Au Mine Site, Australia. , 2017, , 307-325.		0
13	Uâ€“Thâ€“Pb monazite dating and the timing of arcâ€“continent collision in East Timor. Australian Journal of Earth Sciences, 2016, 63, 367-377.	0.4	7
14	STRUCTURE FROM PHOTOGRAPHS OF ORIENTED CORE: STORC. Economic Geology, 2016, 111, 1525-1527.	1.8	2
15	Uâ€“Pb zircon geochronology from the Alexander terrane, southeast Alaska: implications for the Greens Creek massive sulphide deposit. Canadian Journal of Earth Sciences, 2016, 53, 1458-1475.	0.6	0
16	The metamorphic sole of the western Tasmanian ophiolite: New insights into the Cambrian tectonic setting of the Gondwana Pacific margin. Gondwana Research, 2016, 38, 351-369.	3.0	13
17	Arc-oblique fault systems: their role in the Cenozoic structural evolution and metallogenesis of the Andes of central Chile. Journal of Structural Geology, 2016, 89, 101-117.	1.0	30
18	Soil transference patterns on bras: Image processing and laboratory dragging experiments. Forensic Science International, 2016, 258, 88-100.	1.3	14

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19	The structure and metamorphism of the Red Point Metamorphic Complexâ€"A newly discovered high-pressure metamorphic complex from the south coast of Tasmania. Australian Journal of Earth Sciences, 2015, 62, 969-983.	0.4	5
20	Late Mesozoic strike-slip faulting in Tasmania. Australian Journal of Earth Sciences, 2015, , 1-9.	0.4	0
21	Gold in the oceans through time. Earth and Planetary Science Letters, 2015, 428, 139-150.	1.8	72
22	Development of recovery domains: Examples from the Prominent Hill IOCG deposit, Australia. Minerals Engineering, 2014, 64, 7-14.	1.8	13
23	Mineralization, U-Pb Geochronology, and Stable Isotope Geochemistry of the Lower Main Zone of the Lorraine Deposit, North-Central British Columbia: A Replacement-Style Alkalic Cu-Au Porphyry. Economic Geology, 2014, 109, 979-1004.	1.8	19
24	Authigenic monazite and detrital zircon dating from the Proterozoic Rocky Cape Group, Tasmania: Links to the Belt-Purcell Supergroup, North America. Precambrian Research, 2014, 250, 50-67.	1.2	77
25	The Cambrian metamorphic history of Tasmania: The Metapelites. Australian Journal of Earth Sciences, 2012, 59, 1007-1019.	0.4	14
26	Integration and Analysis of Optical and Sem-Based Microscopy for Automated Mineralogical Characterisation. , 2012, , 319-326.		2
27	The pre-Carboniferous geology of Tasmania. Episodes, 2012, 35, 195-204.	0.8	11
28	In situ location and Uâ€Pb dating of small zircon grains in igneous rocks using laser ablationâ€"inductively coupled plasmaâ€"quadrupole mass spectrometry. Geochemistry, Geophysics, Geosystems, 2011, 12, .	1.0	37
29	Pyrite and Pyrrhotite Textures and Composition in Sediments, Laminated Quartz Veins, and Reefs at Bendigo Gold Mine, Australia: Insights for Ore Genesis. Economic Geology, 2011, 106, 1-31.	1.8	334
30	Characterising chalcopyrite liberation and flotation potential: Examples from an IOCG deposit. Minerals Engineering, 2011, 24, 1271-1276.	1.8	25
31	Development of Framboidal Pyrite During Diagenesis, Low-Grade Regional Metamorphism, and Hydrothermal Alteration. Economic Geology, 2009, 104, 1143-1168.	1.8	84
32	Proterozoic metamorphism in Tasmania: Implications for tectonic reconstructions. Precambrian Research, 2008, 166, 387-396.	1.2	53
33	Characteristics and Origin of the Oak Dam East Breccia-Hosted, Iron Oxide Cu-U-(Au) Deposit: Olympic Dam Region, Gawler Craton, South Australia. Economic Geology, 2007, 102, 1471-1498.	1.8	56
34	Chemical UÂâ€"ÂThÂâ€"ÂPb monazite dating of the Cambrian Tyennan Orogeny, Tasmania. Australian Journal of Earth Sciences, 2007, 54, 757-771.	0.4	42
35	Multiple deformation episodes at Myra Falls volcanic-hosted massive sulfide camp, central Vancouver Island, British Columbia, Canada. Canadian Journal of Earth Sciences, 2006, 43, 1711-1732.	0.6	4
36	Whole-rock geochemistry of the Hili Manu peridotite, East Timor: implications for the origin of Timor ophiolites â^—. Australian Journal of Earth Sciences, 2006, 53, 637-649.	0.4	17

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37	Fluid Chemistry, Structural Setting, and Emplacement History of the Rosario Cu-Mo Porphyry and Cu-Ag-Au Epithermal Veins, Collahuasi District, Northern Chile. Economic Geology, 2005, 100, 835-862.	1.8	136
38	The Rosario porphyry Cu-Mo deposit, northern Chile: Hypogene upgrading during gravitational collapse of the Domeyko Cordillera. , 2005, , 365-368.		0
39	40Ar/39Ar and Re-Os Geochronology of Porphyry Copper-Molybdenum Deposits and Related Copper-Silver Veins in the Collahuasi District, Northern Chile. Economic Geology, 2004, 99, 673-690.	1.8	46
40	A new method for obtaining and quantifying the reliability of structural data from axially-oriented drill core using a fabric of known orientation. Journal of Structural Geology, 2004, 26, 643-658.	1.0	12
41	Geochemistry and tectonic settings of meta-igneous rocks in the Arthur Lineament and surrounding area, northwest Tasmania*. Australian Journal of Earth Sciences, 2003, 50, 903-918.	0.4	19
42	A Statistical Approach to Defining Proterozoic Crustal Provinces and Testing Continental Reconstructions of Australia and Laurentia - SWEAT or AUSWUS?. Gondwana Research, 2002, 5, 109-122.	3.0	15
43	Structural history of the Arthur Lineament, northwest Tasmania: An analysis of critical outcrops. Australian Journal of Earth Sciences, 2002, 49, 167-185.	0.4	24
44	MINSQâ€‰â€“â€‰a least squares spreadsheet method for calculating mineral proportions from whole rock major element analyses. Geochemistry: Exploration, Environment, Analysis, 2002, 2, 361-368.	0.5	86
45	A North American provenance for Neoproterozoic to Cambrian sandstones in Tasmania?. Earth and Planetary Science Letters, 2001, 192, 207-222.	1.8	131
46	Regional metamorphism of the Mathinna Group, northeast Tasmania. Australian Journal of Earth Sciences, 2001, 48, 281-292.	0.4	11
47	The Geology of the Nifty Copper Deposit, Throssell Group, Western Australia: Implications for Ore Genesis. Economic Geology, 2001, 96, 1535-1565.	1.8	15
48	Cambrian metamorphic complexes in Tasmania: Tectonic implications. Australian Journal of Earth Sciences, 2000, 47, 971-985.	0.4	63
49	Tectonic implications of the Nan Suture Zone and its relationship to the Sukhothai Fold Belt, Northern Thailand. Journal of Asian Earth Sciences, 2000, 18, 663-673.	1.0	68
50	Metamorphic rocks from the southern margin of Tasmania and their tectonic significanceâˆ—. Australian Journal of Earth Sciences, 1997, 44, 609-619.	0.4	19
51	Geological evolution of the East Tasman Plateau, a continental fragment southeast of Tasmania. Australian Journal of Earth Sciences, 1997, 44, 597-608.	0.4	31
52	Stratigraphy, structure, and volcanic-hosted mineralization of the Mount Windsor Subprovince, North Queensland, Australia. Economic Geology, 1992, 87, 739-763.	1.8	45
53	Tectonic implications of Late Proterozoic-Early Palaeozoic igneous rock associations in western Tasmania. Tectonophysics, 1992, 214, 37-56.	0.9	156
54	Internally consistent gahnitic spinel-cordierite-garnet equilibria in the FMASHZn system: geothermobarometry and applications. Contributions To Mineralogy and Petrology, 1992, 111, 362-377.	1.2	198

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55	Asian and south-western Pacific continental terranes derived from Gondwana, and their biogeographic significance. Australian Systematic Botany, 1991, 4, 13.	0.3	53
56	A decompressional P?T path, Reinbolt Hills, East Antarctica. Journal of Metamorphic Geology, 1991, 9, 257-266.	1.6	34
57	High pressure experimental calibration of the olivine-orthopyroxene-spinel oxygen geobarometer: implications for the oxidation state of the upper mantle. Contributions To Mineralogy and Petrology, 1991, 107, 27-40.	1.2	827
58	Crystallization Pressure and Cooling History of the Giles Layered Igneous Complex, Central Australia. Journal of Petrology, 1991, 32, 1-28.	1.1	28
59	Oxygen fugacity controls in the Earth's upper mantle. Nature, 1990, 348, 437-440.	13.7	248
60	Origin and Evolution of Primitive Island Arc Ankaramites from Western Epi, Vanuatu. Journal of Petrology, 1990, 31, 747-777.	1.1	87
61	The history of movement on the Henty Fault Zone, western Tasmania: An analysis of fault striations. Australian Journal of Earth Sciences, 1989, 36, 189-205.	0.4	8
62	The tectonic significance of Cambrian allochthonous maficâ€ultramafic complexes in Tasmania. Australian Journal of Earth Sciences, 1988, 35, 523-533.	0.4	100
63	A tightly folded, gold-rich, massive sulfide deposit; Que River Mine, Tasmania. Economic Geology, 1988, 83, 681-693.	1.8	16
64	Basalt geochemistry as a test of the tectonic models of Timor. Journal of the Geological Society, 1982, 139, 593-604.	0.9	21
65	Petrology of the Hili Manu lherzolite, East Timor. Journal of the Geological Society of Australia, 1981, 28, 453-469.	0.6	23
66	Some Palaeozoicâ€Mesozoic stratigraphicâ€structural relationships in east timor and their significance in the tectonics of timor. Journal of the Geological Society of Australia, 1977, 24, 203-214.	0.6	39