

Sebastien Meffre

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

173
papers

7,480
citations

49
h-index

81
g-index

177
ext. papers

8,432
ext. citations

3.2
avg, IF

5.89
L-index

#	Paper	IF	Citations
173	Newly discovered Early Carboniferous and Late Permian magmatic rocks in eastern Myanmar: Implications for the tectonic evolution of the eastern Paleo-Tethys. <i>Journal of Asian Earth Sciences</i> , 2022 , 227, 105093	2.8	0
172	Geochronology and petrogenesis of Carboniferous and Triassic volcanic rocks in NW Laos: Implications for the tectonic evolution of the Loei Fold Belt. <i>Journal of Asian Earth Sciences</i> , 2021 , 208, 104661	2.8	7
171	Textures, trace elements and Pb isotopes of pyrite from the Donggushan tungsten polymetallic deposit, eastern China: Deciphering the source of a skarn tungsten polymetallic deposit. <i>Ore Geology Reviews</i> , 2021 , 133, 104077	3.2	1
170	Assessment of magmatic fertility using pXRF on altered rocks from the Ordovician Macquarie Arc, New South Wales. <i>Australian Journal of Earth Sciences</i> , 2021 , 68, 397-409	1.4	4
169	Pyrite trace element behavior in magmatic-hydrothermal environments: An LA-ICPMS imaging study. <i>Ore Geology Reviews</i> , 2021 , 128, 103878	3.2	12
168	Geology and geochronology of the Two-Thirty prospect, Northparkes district, NSW. <i>Australian Journal of Earth Sciences</i> , 2021 , 68, 659-683	1.4	
167	Cenozoic Evolution of the Sulu Sea Arc-Basin System: An Overview. <i>Tectonics</i> , 2021 , 40, e2020TC006630	4.3	6
166	Phase relations of arsenian pyrite and arsenopyrite. <i>Ore Geology Reviews</i> , 2021 , 136, 104285	3.2	1
165	Chapter 3 Pre-Late Cretaceous basement terranes of the Gondwana active margin of New Caledonia. <i>Geological Society Memoir</i> , 2020 , 51, 27-52	0.4	9
164	Chapter 7 Post-obduction evolution of New Caledonia. <i>Geological Society Memoir</i> , 2020 , 51, 147-188	0.4	12
163	Pyrite Textures, Trace Elements and Sulfur Isotope Chemistry of Bijaigarh Shales, Vindhyan Basin, India and Their Implications. <i>Minerals (Basel, Switzerland)</i> , 2020 , 10, 588	2.4	2
162	Porphyry fertility in the Northparkes district: indicators from whole-rock geochemistry. <i>Australian Journal of Earth Sciences</i> , 2020 , 67, 717-738	1.4	7
161	Understanding the microscale spatial distribution and mineralogical residency of Re in pyrite: Examples from carbonate-hosted Zn-Pb ores and implications for pyrite Re-Os geochronology. <i>Chemical Geology</i> , 2020 , 533, 119427	4.2	13
160	Neoproterozoic opening of the Pacific Ocean recorded by multi-stage rifting in Tasmania, Australia. <i>Earth-Science Reviews</i> , 2020 , 201, 103041	10.2	12
159	Sedimentary and volcanic record of the nascent Izu-Bonin-Mariana arc from IODP Site U1438. <i>Bulletin of the Geological Society of America</i> , 2020 ,	3.9	6
158	Origin of Fe-Mn – Si layers associated with the Permian volcanic-hosted massive sulphide deposits in the Tasik Chini district, Peninsular Malaysia. <i>Journal of Asian Earth Sciences</i> , 2020 , 192, 104260	2.8	1
157	Associations between zircon and Fe ^{III} oxides in Hiltaba event magmatic rocks, South Australia: atomic- or pluton-scale processes?. <i>Australian Journal of Earth Sciences</i> , 2020 , 67, 201-220	1.4	1

156	Magma production along the Lord Howe Seamount Chain, northern Zealandia. <i>Geological Magazine</i> , 2019 , 156, 1605-1617	2	5
155	Gem Corundum Deposits of Greece: Geology, Mineralogy and Genesis. <i>Minerals (Basel, Switzerland)</i> , 2019 , 9, 49	2.4	12
154	A Multiproxy provenance approach to uncovering the assembly of East Gondwana in Antarctica. <i>Geology</i> , 2019 , 47, 645-649	5	27
153	An advanced stepwise leaching technique for derivation of initial lead isotope ratios in ancient mafic rocks: A case study of Mesoproterozoic intrusions from the Udzha paleo-rift, Siberian Craton. <i>Chemical Geology</i> , 2019 , 528, 119253	4.2	
152	From magma to mush to lava: Crystal history of voluminous felsic lavas in the Gawler Range Volcanics, South Australia. <i>Lithos</i> , 2019 , 346-347, 105148	2.9	1
151	Modelling the Palaeozoic tectonic evolution of the Lachlan Orogen. <i>ASEG Extended Abstracts</i> , 2019 , 2019, 1-5	0.2	
150	Linking gold mineralization to regional-scale drivers of mineral systems using in situ U/Pb geochronology and pyrite LA-ICP-MS element mapping. <i>Geoscience Frontiers</i> , 2019 , 10, 89-105	6	17
149	In search of Gondwana heritage in the Outer Melanesian Arc: no pre-upper Eocene detrital zircons in Viti Levu river sands (Fiji Islands). <i>Australian Journal of Earth Sciences</i> , 2019 , 66, 265-277	1.4	4
148	Insights into magma histories through silicate-oxide crystal clusters: Linking the Hiltaba Suite intrusive rocks to the Gawler Range Volcanics, Gawler Craton, South Australia. <i>Precambrian Research</i> , 2019 , 321, 103-122	3.9	2
147	Diversity in Ruby Geochemistry and Its Inclusions: Intra- and Inter- Continental Comparisons from Myanmar and Eastern Australia. <i>Minerals (Basel, Switzerland)</i> , 2019 , 9, 28	2.4	12
146	Geochemistry and provenance of the Turquoise Bluff Slate, northeastern Tasmania: tectonic significance. <i>Australian Journal of Earth Sciences</i> , 2019 , 66, 227-246	1.4	3
145	The ~1.85 Ga carbonatite in north China and its implications on the evolution of the Columbia supercontinent. <i>Gondwana Research</i> , 2019 , 65, 125-141	5.1	8
144	Depositional age and correlation of the Oonah Formation: refining the timing of Neoproterozoic basin formation in Tasmania. <i>Australian Journal of Earth Sciences</i> , 2018 , 65, 391-407	1.4	7
143	Implications of U/Pb detrital zircon geochronology analysis for the depositional age, provenance, and tectonic setting of continental Mesozoic formations in the East Malaya Terrane, Peninsular Malaysia. <i>Geological Journal</i> , 2018 , 53, 2908-2917	1.7	4
142	A Reappraisal of the Poya Terrane (New Caledonia): Accreted Late Cretaceous-Paleocene Marginal Basin Upper Crust, Passive Margin Sediments, and Early Eocene E-MORB Sill Complex. <i>Tectonics</i> , 2018 , 37, 48-70	4.3	16
141	Impact of air, laser pulse width and fluence on U/Pb dating of zircons by LA-ICPMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2018 , 33, 221-230	3.7	40
140	Compositional characteristics and geodynamic significance of late Miocene volcanic rocks associated with the Chah Zard epithermal gold-silver deposit, southwest Yazd, Iran. <i>Island Arc</i> , 2018 , 27, e12223	2	5
139	Regional volcanism of northern Zealandia: post-Gondwana break-up magmatism on an extended, submerged continent. <i>Geological Society Special Publication</i> , 2018 , 463, 199-226	1.7	24

138	Holocene eruptions of Mt. Popa, Myanmar: Volcanological evidence of the ongoing subduction of Indian Plate along Arakan Trench. <i>Journal of Volcanology and Geothermal Research</i> , 2018 , 360, 126-138	2.8	10
137	Geophysical and geological characterisation of dredge locations from RV Southern Surveyor voyage ss2012_v06 (ECOSATI): hotspot activity in northern Zealandia. <i>ASEG Extended Abstracts</i> , 2018 , 2018, 1-8	0.2	
136	Zircon U-Pb geochronology, Hf isotopes and geochemistry of intrusive rocks in the Simorgh prospecting area, Lut Block, eastern Iran: petrogenesis and geological implications. <i>Geosciences Journal</i> , 2018 , 22, 711-732	1.4	1
135	New evidence for the early onset of supergene alteration along the Kalahari unconformity. <i>South African Journal of Geology</i> , 2018 , 121, 157-170	1.6	13
134	Evolution of Pyrite Trace Element Compositions from Porphyry-Style and Epithermal Conditions at the Lihir Gold Deposit: Implications for Ore Genesis and Mineral Processing. <i>Economic Geology</i> , 2018 , 113, 193-208	4.3	55
133	Geodynamic Significance of the Mesoproterozoic Magmatism of the Udzha Paleo-Rift (Northern Siberian Craton) Based on U-Pb Geochronology and Paleomagnetic Data. <i>Minerals (Basel, Switzerland)</i> , 2018 , 8, 555	2.4	9
132	Tectonothermal events in the Olympic IOCG Province constrained by apatite and REE-phosphate geochronology. <i>Australian Journal of Earth Sciences</i> , 2018 , 65, 643-659	1.4	10
131	Geochronology and geochemistry of late Jurassic adakitic intrusions and associated porphyry Mo-Cu deposit in the Tongcun area, east China: Implications for metallogeneses and tectonic setting. <i>Ore Geology Reviews</i> , 2017 , 80, 289-308	3.2	10
130	Pb-isotope compositions of the Tasik Chini volcanic-hosted massive sulfide deposit, Central Belt of Peninsular Malaysia: Implication for source region and tectonic setting. <i>Island Arc</i> , 2017 , 26, e12177	2	6
129	Ocean and Atmosphere Geochemical Proxies Derived from Trace Elements in Marine Pyrite: Implications for Ore Genesis in Sedimentary Basins. <i>Economic Geology</i> , 2017 , 112, 423-450	4.3	53
128	Secular distribution of highly metalliferous black shales corresponds with peaks in past atmosphere oxygenation. <i>Mineralium Deposita</i> , 2017 , 52, 791-798	4.8	28
127	Geochronological, geochemical and Pb isotopic compositions of Tasmanian granites (southeast Australia): Controls on petrogenesis, geodynamic evolution and tin mineralisation. <i>Gondwana Research</i> , 2017 , 46, 124-140	5.1	12
126	Age constraints on the hydrothermal history of the Prominent Hill iron oxide copper-gold deposit, South Australia. <i>Mineralium Deposita</i> , 2017 , 52, 863-881	4.8	9
125	Naturaliste Plateau: constraints on the timing and evolution of the Kerguelen Large Igneous Province and its role in Gondwana breakup. <i>Australian Journal of Earth Sciences</i> , 2017 , 64, 851-869	1.4	24
124	The Tongon Au Deposit, Northern Côte d'Ivoire: An Example of Paleoproterozoic Au Skarn Mineralization?. <i>Economic Geology</i> , 2017 , 112, 1571-1593	4.3	8
123	Generation of Silicic Melts in the Early Izu-Bonin Arc Recorded by Detrital Zircons in Proximal Arc Volcaniclastic Rocks From the Philippine Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 3576-3591	3.6	21
122	Linking Olympic Dam and the Cariewerloo Basin: Was a sedimentary basin involved in formation of the world's largest uranium deposit?. <i>Precambrian Research</i> , 2017 , 300, 168-180	3.9	18
121	Timing and genesis of the Karoo-Ferrar large igneous province: New high precision U-Pb data for Tasmania confirm short duration of the major magmatic pulse. <i>Chemical Geology</i> , 2017 , 455, 32-43	4.2	54

120	Age, igneous petrogenesis, and tectonic setting of the Bilihe gold deposit, China, and implications for regional metallogeny. <i>Gondwana Research</i> , 2016 , 34, 296-314	5.1	28
119	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
118	Melanesian back-arc basin and arc development: Constraints from the eastern Coral Sea. <i>Gondwana Research</i> , 2016 , 39, 77-95	5.1	22
117	U/Pb zircon geochronology from the Alexander terrane, southeast Alaska: implications for the Greens Creek massive sulphide deposit. <i>Canadian Journal of Earth Sciences</i> , 2016 , 53, 1458-1475	1.5	
116	The metamorphic sole of the western Tasmanian ophiolite: New insights into the Cambrian tectonic setting of the Gondwana Pacific margin. <i>Gondwana Research</i> , 2016 , 38, 351-369	5.1	6
115	Olivine-phyric basalt in the Mesoproterozoic Gawler silicic large igneous province, South Australia: Examples at the Olympic Dam Iron Oxide Cu-Au-Ag deposit and other localities. <i>Precambrian Research</i> , 2016 , 281, 185-199	3.9	31
114	The Jebel Ohier deposit – newly discovered porphyry copper-gold system in the Neoproterozoic Arabian-Nubian Shield, Red Sea Hills, NE Sudan. <i>Mineralium Deposita</i> , 2016 , 51, 713-724	4.8	12
113	Postmagmatic magnetite-apatite assemblage in mafic intrusions: a case study of dolerite at Olympic Dam, South Australia. <i>Contributions To Mineralogy and Petrology</i> , 2016 , 171, 1	3.5	13
112	Chemistry and origin of the Mayo Kila sapphires, NW region Cameroon (Central Africa): Their possible relationship with the Cameroon volcanic line. <i>Journal of African Earth Sciences</i> , 2016 , 118, 263-273		6
111	Geochemistry, geochronology, and tectonic setting of early Permian (~290 Ma) volcanic-hosted massive sulphide deposits of the Tasik Chini district, Peninsular Malaysia. <i>International Geology Review</i> , 2016 , 58, 929-948	2.3	12
110	Multi-stage enrichment processes for large gold-bearing ore deposits. <i>Ore Geology Reviews</i> , 2016 , 76, 268-279	3.2	39
109	Nb-Ta fractionation in peraluminous granites: A marker of the magmatic-hydrothermal transition: COMMENT. <i>Geology</i> , 2016 , 44, e394-e394	5	13
108	Where was the Ailaoshan Ocean and when did it open: A perspective based on detrital zircon U/Pb age and Hf isotope evidence. <i>Gondwana Research</i> , 2016 , 36, 488-502	5.1	56
107	Matrix effects in Pb/U measurements during LA-ICP-MS analysis of the mineral apatite. <i>Journal of Analytical Atomic Spectrometry</i> , 2016 , 31, 1206-1215	3.7	39
106	Early Eocene clinostatite boninite and boninite-series dikes of the ophiolite of New Caledonia; a witness of slab-derived enrichment of the mantle wedge in a nascent volcanic arc. <i>Lithos</i> , 2016 , 260, 429-442	2.9	37
105	Pyrite compositions from VHMS and orogenic Au deposits in the Yilgarn Craton, Western Australia: Implications for gold and copper exploration. <i>Ore Geology Reviews</i> , 2016 , 79, 474-499	3.2	61
104	Reply to 'Unclear causes for subduction'. <i>Nature Geoscience</i> , 2016 , 9, 338-339	18.3	5
103	A story of olivine from the McIvor Hill complex (Tasmania, Australia): Clues to the origin of the Avebury metasomatic Ni sulfide deposit. <i>American Mineralogist</i> , 2016 , 101, 1321-1331	2.9	10

102	U-Th-Pb monazite dating and the timing of arc-continent collision in East Timor. <i>Australian Journal of Earth Sciences</i> , 2016 , 63, 367-377	1.4	4
101	The Dovyren intrusive complex (northern Baikal region, Russia): isotope-geochemical markers of contamination of parental magmas and extreme enrichment of the source. <i>Russian Geology and Geophysics</i> , 2015 , 56, 411-434	1	22
100	Neoproterozoic (ca. 820-830 Ma) mafic dykes at Olympic Dam, South Australia: Links with the Gairdner Large Igneous Province. <i>Precambrian Research</i> , 2015 , 271, 160-172	3.9	42
99	A record of spontaneous subduction initiation in the Izu-Bonin-Mariana arc. <i>Nature Geoscience</i> , 2015 , 8, 728-733	18.3	147
98	Corundum (sapphire) and zircon relationships, Lava Plains gem fields, NE Australia: Integrated mineralogy, geochemistry, age determination, genesis and geographical typing. <i>Mineralogical Magazine</i> , 2015 , 79, 545-581	1.7	21
97	Gold accumulation in the Archaean Witwatersrand Basin, South Africa: Evidence from concentrically laminated pyrite. <i>Earth-Science Reviews</i> , 2015 , 140, 27-53	10.2	27
96	Vanadium-rich ruby and sapphire within Mogok Gemfield, Myanmar: implications for gem color and genesis. <i>Mineralium Deposita</i> , 2015 , 50, 25-39	4.8	38
95	Lead and Nd isotopic evidence for a crustal Pb source of the giant Broken Hill Pb-Zn-Ag deposit, New South Wales, Australia. <i>Ore Geology Reviews</i> , 2015 , 65, 228-244	3.2	
94	Gold and Arsenopyrite Exsolution and Limits of Arsenic Solubility in Pyrite Investigated by SEM, EPMA, and L-ICPMS. <i>Microscopy and Microanalysis</i> , 2015 , 21, 1229-1230	0.5	
93	Geochronology of the DeGrussa volcanic-hosted massive sulphide deposit and associated mineralisation of the Yerrida, Bryah and Padbury Basins, Western Australia. <i>Precambrian Research</i> , 2015 , 267, 250-284	3.9	25
92	Propagation of back-arc extension into the arc lithosphere in the southern New Hebrides volcanic arc. <i>Geochemistry, Geophysics, Geosystems</i> , 2015 , 16, 3142-3159	3.6	24
91	Synsedimentary to Early Diagenetic Gold in Black Shale-Hosted Pyrite Nodules at the Golden Mile Deposit, Kalgoorlie, Western Australia. <i>Economic Geology</i> , 2015 , 110, 1157-1191	4.3	51
90	Provenance of the Eocene sandstones in the southern Chindwin Basin, Myanmar: Implications for the unroofing history of the Cretaceous-Eocene magmatic arc. <i>Journal of Asian Earth Sciences</i> , 2015 , 107, 172-194	2.8	29
89	Advances in Trace Element Fingerprinting of Gem Corundum, Ruby and Sapphire, Mogok Area, Myanmar. <i>Minerals (Basel, Switzerland)</i> , 2015 , 5, 61-79	2.4	18
88	Geochronological Constraints on the Tropicana Gold Deposit and Albany-Fraser Orogen, Western Australia. <i>Economic Geology</i> , 2015 , 110, 355-386	4.3	24
87	Tectonics and metallogeny of mainland Southeast Asia: A review and contribution. <i>Gondwana Research</i> , 2014 , 26, 5-30	5.1	176
86	Geochemistry and geochronology of the Chatree epithermal gold-silver deposit: Implications for the tectonic setting of the Loei Fold Belt, central Thailand. <i>Gondwana Research</i> , 2014 , 26, 198-217	5.1	49
85	Adakites in the Truong Son and Loei fold belts, Thailand and Laos: Genesis and implications for geodynamics and metallogeny. <i>Gondwana Research</i> , 2014 , 26, 165-184	5.1	102

84	The key role of mica during igneous concentration of tantalum. <i>Contributions To Mineralogy and Petrology</i> , 2014 , 167, 1	3.5	144
83	The Ban Houayxai epithermal Au-Ag deposit in the Northern Lao PDR: Mineralization related to the Early Permian arc magmatism of the Truong Son Fold Belt. <i>Gondwana Research</i> , 2014 , 26, 185-197	5.1	31
82	The oldest anthropoid primates in SE Asia: Evidence from LA-ICP-MS U-Pb zircon age in the Late Middle Eocene Pondaung Formation, Myanmar. <i>Gondwana Research</i> , 2014 , 26, 122-131	5.1	29
81	Geology, geochemistry and metallogenesis of the Selinsing gold deposit, central Malaysia. <i>Gondwana Research</i> , 2014 , 26, 241-261	5.1	34
80	Zircon U-Pb geochronology of granitic rocks of the Cordillera de Lila and Sierra de Almeida ranges, northern Chile: 30 m.y. of Ordovician plutonism on the western border of Gondwana. <i>Journal of South American Earth Sciences</i> , 2014 , 56, 228-241	2	7
79	Optimisation of laser parameters for the analysis of sulphur isotopes in sulphide minerals by laser ablation ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2014 , 29, 1042-1051	3.7	65
78	U-Pb zircon geochronology of Early Permian to Late Triassic rocks from Singapore and Johor: A plate tectonic reinterpretation. <i>Gondwana Research</i> , 2014 , 26, 132-143	5.1	55
77	The Tam Ky-Phuoc Son Shear Zone in central Vietnam: Tectonic and metallogenic implications. <i>Gondwana Research</i> , 2014 , 26, 144-164	5.1	71
76	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
75	Authigenic monazite and detrital zircon dating from the Proterozoic Rocky Cape Group, Tasmania: Links to the Belt-Purcell Supergroup, North America. <i>Precambrian Research</i> , 2014 , 250, 50-67	3.9	64
74	Comparison of metal enrichment in pyrite framboids from a metal-enriched and metal-poor estuary. <i>American Mineralogist</i> , 2014 , 99, 633-644	2.9	47
73	Multiple felsic events within post-10 Ma volcanism, Southeast Australia: inputs in appraising proposed magmatic models. <i>Australian Journal of Earth Sciences</i> , 2014 , 61, 241-267	1.4	15
72	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
71	The Central Ailaoshan ophiolite and modern analogs. <i>Gondwana Research</i> , 2014 , 26, 75-88	5.1	89
70	The configuration of Greater Gondwana: Evidence from LA ICPMS, U-Pb geochronology of detrital zircons from the Palaeozoic and Mesozoic of Southeast Asia and China. <i>Gondwana Research</i> , 2014 , 26, 31-51	5.1	216
69	Age and paragenesis of mineralisation at Coronation Hill uranium deposit, Northern Territory, Australia. <i>Mineralium Deposita</i> , 2014 , 49, 595-623	4.8	6
68	Geochronology of the Dovyren intrusive complex, northwestern Baikal area, Russia, in the Neoproterozoic. <i>Geochemistry International</i> , 2013 , 51, 859-875	0.8	43
67	Evidence for an Intrabasinal Source and Multiple Concentration Processes in the Formation of the Carbon Leader Reef, Witwatersrand Supergroup, South Africa. <i>Economic Geology</i> , 2013 , 108, 1215-1241	4.3	46

66	Age, origin and significance of nodular sulfides in 2680 Ma carbonaceous black shale of the Eastern Goldfields Superterrane, Yilgarn Craton, Western Australia. <i>Precambrian Research</i> , 2013 , 230, 227-247	3.9	25
65	Mineralogy of metal contaminated estuarine sediments, Derwent estuary, Hobart, Australia: implications for metal mobility. <i>Australian Journal of Earth Sciences</i> , 2013 , 60, 589-603	1.4	7
64	Detrital mineral morphology and geochemistry: Methods to characterize and constrain the origin of the Nsanaragati blue sapphires, south-western region of Cameroon. <i>Journal of African Earth Sciences</i> , 2012 , 70, 18-23	2.2	7
63	U-Pb Zircon Age Constraining the Source and Provenance of Gem-Bearing Late Cenozoic Detrital Deposits, Mamfe Basin, SW Cameroon. <i>Resource Geology</i> , 2012 , 62, 316-324	1	12
62	Basalts erupted along the Tongan fore arc during subduction initiation: Evidence from geochronology of dredged rocks from the Tonga fore arc and trench. <i>Geochemistry, Geophysics, Geosystems</i> , 2012 , 13,	3.6	68
61	Age and tectonic setting of the Bavanat Cu-Zn-Ag Besshi-type volcanogenic massive sulfide deposit, southern Iran. <i>Mineralium Deposita</i> , 2012 , 47, 911-931	4.8	20
60	Reply to Discussion by Sadegh Mohseni and Alijan Aftabi of Significance of apatite REE depletion and monazite inclusions in the brecciated Se-Chahun iron oxide-apatite deposit, Bafq district, Iran: Insights from paragenesis and geochemistry by Bonyadi, Z., Davidson, G.J., Mehrabi, B., Meffre, S., Ghazban, F. [Chemical Geology 281 (2011) 253-269]. <i>Chemical Geology</i> , 2012 , 334, 382-385	4.2	2
59	Passive-margin prolonged volcanism, East Australian Plate: outbursts, progressions, plate controls and suggested causes. <i>Australian Journal of Earth Sciences</i> , 2012 , 59, 983-1005	1.4	35
58	The metamorphic sole of New Caledonia ophiolite: 40Ar/39Ar, U-Pb, and geochemical evidence for subduction inception at a spreading ridge. <i>Tectonics</i> , 2012 , 31, n/a-n/a	4.3	69
57	Geological setting and timing of the Chah Zard breccia-hosted epithermal gold-silver deposit in the Tethyan belt of Iran. <i>Mineralium Deposita</i> , 2012 , 47, 425-440	4.8	18
56	In situ location and U-Pb dating of small zircon grains in igneous rocks using laser ablation-inductively coupled plasma-quadrupole mass spectrometry. <i>Geochemistry, Geophysics, Geosystems</i> , 2011 , 12, n/a-n/a	3.6	32
55	Significance of apatite REE depletion and monazite inclusions in the brecciated Se-Chahun iron oxide-apatite deposit, Bafq district, Iran: Insights from paragenesis and geochemistry. <i>Chemical Geology</i> , 2011 , 281, 253-269	4.2	99
54	Paleozoic tectonics of the southern Chinese Tianshan: Insights from structural, chronological and geochemical studies of the Heiyingshan ophiolitic mélange (NW China). <i>Tectonophysics</i> , 2011 , 497, 85-104	3.1	225
53	Detrital zircon records of Late Cretaceous syn-rift sedimentary sequences of New Caledonia: An Australian provenance questioned. <i>Tectonophysics</i> , 2011 , 501, 17-27	3.1	33
52	First insights on the metallogenic signature of magmatic fluids exsolved from the active magma chamber of Vesuvius (AD 79 Pompeii eruption). <i>Journal of Volcanology and Geothermal Research</i> , 2011 , 200, 223-233	2.8	8
51	U-Pb geochronology and Pb isotope characteristics of the Chahgaz volcanogenic massive sulphide deposit, southern Iran. <i>International Geology Review</i> , 2011 , 53, 1239-1262	2.3	24
50	Discovery of Early Cretaceous Rocks in New Caledonia: New Geochemical and U-Pb Zircon Age Constraints on the Transition from Subduction to Marginal Breakup in the Southwest Pacific. <i>Journal of Geology</i> , 2010 , 118, 381-397	2	35
49	Revealing the continental margin of Gondwana: the Ordovician arc of the Cordillera de Lila (northern Chile). <i>International Journal of Earth Sciences</i> , 2010 , 99, 39-56	2.2	25

48	Location and migration of Miocene-Quaternary volcanic arcs in the SW Pacific region. <i>Journal of Volcanology and Geothermal Research</i> , 2010 , 190, 1-10	2.8	61
47	Multiple melting stages and refertilization as indicators for ridge to subduction formation: The New Caledonia ophiolite. <i>Lithos</i> , 2010 , 115, 223-236	2.9	105
46	Gem-corundum megacrysts from east Australian basalt fields: trace elements, oxygen isotopes and origins*. <i>Australian Journal of Earth Sciences</i> , 2009 , 56, 1003-1022	1.4	46
45	The Lüang Massif: a key area for the understanding of the Palaeoproterozoic Trans-North China Belt, North China Craton. <i>Geological Society Special Publication</i> , 2009 , 323, 99-125	1.7	46
44	Evolution of calc-alkaline to alkaline magmatism through Carboniferous convergence to Permian transcurrent tectonics, western Chinese Tianshan. <i>International Journal of Earth Sciences</i> , 2009 , 98, 1275-1298	2.2	165
43	In situ Pb-isotope analysis of pyrite by laser ablation (multi-collector and quadrupole) ICPMS. <i>Chemical Geology</i> , 2009 , 262, 344-354	4.2	60
42	Styles of Cenozoic collisions in the western and southwestern Pacific and their applications to Palaeozoic collisions in the Tasmanides of eastern Australia. <i>Tectonophysics</i> , 2009 , 479, 130-149	3.1	17
41	The Zhanhuang Massif, the second and eastern suture zone of the Paleoproterozoic Trans-North China Orogen. <i>Precambrian Research</i> , 2009 , 172, 80-98	3.9	166
40	Development of Framboidal Pyrite During Diagenesis, Low-Grade Regional Metamorphism, and Hydrothermal Alteration. <i>Economic Geology</i> , 2009 , 104, 1143-1168	4.3	65
39	Zircon megacryst ages and chemistry, from a placer, Dunedin volcanic area, eastern Otago, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2009 , 52, 185-194	1.6	16
38	Gold and Trace Element Zonation in Pyrite Using a Laser Imaging Technique: Implications for the Timing of Gold in Orogenic and Carlin-Style Sediment-Hosted Deposits. <i>Economic Geology</i> , 2009 , 104, 635-668	4.3	516
37	Age and origin of gem corundum and zircon megacrysts from the Mercaderes-Bio Mayo area, South-west Colombia, South America. <i>Ore Geology Reviews</i> , 2008 , 34, 155-168	3.2	28
36	Geochemistry, geochronology and tectonic implications of Late Silurian-Early Devonian volcanic successions, Central Lachlan Orogen, New South Wales. <i>Australian Journal of Earth Sciences</i> , 2008 , 55, 235-264	1.4	6
35	Proterozoic metamorphism in Tasmania: Implications for tectonic reconstructions. <i>Precambrian Research</i> , 2008 , 166, 387-396	3.9	49
34	Age and pyrite Pb-isotopic composition of the giant Sukhoi Log sediment-hosted gold deposit, Russia. <i>Geochimica Et Cosmochimica Acta</i> , 2008 , 72, 2377-2391	5.5	114
33	Palaeozoic collision between the North and South China blocks, Triassic intracontinental tectonics, and the problem of the ultrahigh-pressure metamorphism. <i>Comptes Rendus - Geoscience</i> , 2008 , 340, 139-150	1.4	66
32	Geochronology of the volcanic rocks in the Lu-Zong basin and its significance. <i>Science in China Series D: Earth Sciences</i> , 2008 , 51, 1470-1482		69
31	Jurassic volcanoclastic basaltic andesite tuffolerite sequence in Tasmania: new age constraints for fossil plants from Lune River. <i>Australian Journal of Earth Sciences</i> , 2007 , 54, 965-974	1.4	23

30	Volcanology, geochemistry and structure of the Ordovician Cargo Volcanics in the Cargo Walli region, central New South Wales. <i>Australian Journal of Earth Sciences</i> , 2007 , 54, 315-352	1.4	20
29	Arc and mantle detritus in the post-collisional, Lower Silurian Kabadah Formation, Lachlan Orogen, New South Wales. <i>Australian Journal of Earth Sciences</i> , 2007 , 54, 353-362	1.4	9
28	Benambran Orogeny in the Eastern Lachlan Orogen, Australia. <i>Australian Journal of Earth Sciences</i> , 2007 , 54, 385-415	1.4	62
27	Re-evaluation of contact relationships between Ordovician volcanic belts and the quartz-rich turbidites of the Lachlan Orogen. <i>Australian Journal of Earth Sciences</i> , 2007 , 54, 363-383	1.4	80
26	Boninites and Adakites from the Northern Termination of the Tonga Trench: Implications for Adakite Petrogenesis. <i>Journal of Petrology</i> , 2007 , 49, 697-715	3.9	114
25	Middle and Late Ordovician magmatic evolution of the Macquarie Arc, Lachlan Orogen, New South Wales. <i>Australian Journal of Earth Sciences</i> , 2007 , 54, 181-214	1.4	88
24	Characteristics and Origin of the Oak Dam East Breccia-Hosted, Iron Oxide Cu-U-(Au) Deposit: Olympic Dam Region, Gawler Craton, South Australia. <i>Economic Geology</i> , 2007 , 102, 1471-1498	4.3	38
23	Chemical U-Th-Pb monazite dating of the Cambrian Tyennan Orogeny, Tasmania. <i>Australian Journal of Earth Sciences</i> , 2007 , 54, 757-771	1.4	38
22	Late Paleozoic tectonic evolution of the northern West Chinese Tianshan Belt. <i>Geodinamica Acta</i> , 2006 , 19, 237-247	2	106
21	Low-Ti Silurian-Early Devonian continental rift tholeiites and plagiogranites in the Tumut area, NSW.. <i>ASEG Extended Abstracts</i> , 2006 , 2006, 1-3	0.2	1
20	Arc-continent collision forming a large island between New Caledonia and New Zealand in the Oligocene.. <i>ASEG Extended Abstracts</i> , 2006 , 2006, 1-3	0.2	20
19	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
18	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
17	120 to 0 Ma tectonic evolution of the southwest Pacific and analogous geological evolution of the 600 to 220 Ma Tasman Fold Belt System 2003 ,		51
16	L'unité de la Boghen (Nouvelle-Calédonie, Pacifique sud-ouest) : un complexe d'accrétion jurassique. Données radiochronologiques préliminaires U-Pb sur les zircons détritiques. <i>Comptes Rendus - Geoscience</i> , 2002 , 334, 867-874	1.4	34
15	Laser fusion argon-40/argon-39 ages of Darwin impact glass. <i>Meteoritics and Planetary Science</i> , 2002 , 37, 1555-1562	2.8	26
14	Collision tectonics in the New Hebrides arc (Vanuatu). <i>Island Arc</i> , 2001 , 10, 33-50	2	49
13	A North American provenance for Neoproterozoic to Cambrian sandstones in Tasmania?. <i>Earth and Planetary Science Letters</i> , 2001 , 192, 207-222	5.3	117

12	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
11	Cambrian metamorphic complexes in Tasmania: Tectonic implications. <i>Australian Journal of Earth Sciences</i> , 2000 , 47, 971-985	1.4	54
10	Geochemistry and tectonic significance of basalts in the Poya Terrane, New Caledonia. <i>Tectonophysics</i> , 1998 , 284, 203-219	3.1	66
9	Regional implications of U/Pb SHRIMP age constraints on the tectonic evolution of New Caledonia. <i>Tectonophysics</i> , 1998 , 299, 333-343	3.1	59
8	Metamorphic rocks from the southern margin of Tasmania and their tectonic significance* Tables 4B [indicated by an asterisk (*) in the text] are Supplementary Papers lodged with the National Library of Australia (Manuscript Section); copies may be obtained from the Business Manager, Geological Society of Australia.. <i>Australian Journal of Earth Sciences</i> , 1997 , 44, 609-619	1.4	18
7	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
6	Eocene arc-continent collision in New Caledonia and implications for regional southwest Pacific tectonic evolution. <i>Geology</i> , 1995 , 23, 161	5	182
5	Expedition 351 summary. <i>Proceedings of the International Ocean Discovery Program</i> ,		9
4	Detrital zircon ages, provenance and tectonic evolution in the early Paleozoic of Tasmania and Waratah Bay, Victoria. <i>Australian Journal of Earth Sciences</i> ,1-16	1.4	3
3	Pb-isotope ratios and the petrogenesis of the Tunkillia Suite, Gawler Craton. <i>Australian Journal of Earth Sciences</i> ,1-21	1.4	0
2	Paleomagnetic testing of the Lachlan Orocline hypothesis: Overprinting of remanence in Paleozoic rocks of the Lachlan Orogen in southeast Australia. <i>Australian Journal of Earth Sciences</i> ,1-22	1.4	
1	Quantifying and characterising metal concentrations in Derwent Estuary sediments using portable X-ray fluorescence spectrometry. <i>Australian Journal of Earth Sciences</i> ,1-15	1.4	