Bruno Dhuime

List of Publications by Year
in descending order

44 papers	6,423 citations	147801 31 h-index	243625 44 g-index
45 all docs	45 docs citations	45 times ranked	4080 citing authors

#	Article	IF	Citations
1	The Evolution of the Continental Crust and the Onset of Plate Tectonics. Frontiers in Earth Science, 2020, 8, .	1.8	95
2	Detrital zircon U-Pb and Hf constraints on provenance and timing of deposition of the Mesoproterozoic to Cambrian sedimentary cover of the East European Craton, Belarus. Precambrian Research, 2019, 331, 105352.	2.7	31
3	Palaeodrainage evolution of the large rivers of East Asia, and Himalayan-Tibet tectonics. Earth-Science Reviews, 2019, 192, 601-630.	9.1	62
4	The Neoproterozoic southern passive margin of the SÃ£o Francisco craton: Insights on the pre-amalgamation of West Gondwana from U-Pb and Hf-Nd isotopes. Precambrian Research, 2019, 320, 454-471.	2.7	23
5	Rates of generation and growth of the continental crust. Geoscience Frontiers, 2019, 10, 165-173.	8.4	143
6	Contrasting sources of Late Paleozoic rhyolite magma in the Polish Lowlands: evidence from Uâ€“Pb ages and Hf and O isotope composition in zircon. International Journal of Earth Sciences, 2018, 107, 2065-2081.	1.8	8
7	Laser-ablation MC-ICP-MS lead isotope microanalysis down to 10 Î¼m: application to K-feldspar inclusions within zircon. Journal of Analytical Atomic Spectrometry, 2018, 33, 195-204.	3.0	10
8	Rates of generation and destruction of the continental crust: implications for continental growth. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170403.	3.4	46
9	Geological archive of the onset of plate tectonics. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170405.	3.4	227
10	The origin of the Palaeoproterozoic AMCG complexes in the Ukrainian shield: New U-Pb ages and Hf isotopes in zircon. Precambrian Research, 2017, 292, 216-239.	2.7	57
11	Continental growth seen through the sedimentary record. Sedimentary Geology, 2017, 357, 16-32.	2.1	81
12	Earth's Continental Lithosphere Through Time. Annual Review of Earth and Planetary Sciences, 2017, 45, 169-198.	11.0	182
13	Tectonic settings of continental crust formation: Insights from Pb isotopes in feldspar inclusions in zircon. Geology, 2016, 44, 819-822.	4.4	20
14	A paleoproterozoic intra-arc basin associated with a juvenile source in the Southern Brasilia Orogen: Application of Uâ€“Pb and Hfâ€“Nd isotopic analyses to provenance studies of complex areas. Precambrian Research, 2016, 276, 178-193.	2.7	37
15	Tectonics and crustal evolution. GSA Today, 2016, 26, 4-11.	2.0	246
16	A Non-local Source of Irish Chalcolithic and Early Bronze Age Gold. Proceedings of the Prehistoric Society, London, 2015, 81, 149-177.	0.7	25
17	207Pb/206Pb ages and Hf isotope composition of zircons from sedimentary rocks of the Ukrainian shield: Crustal growth of the south-western part of East European craton from Archaean to Neoproterozoic. Precambrian Research, 2015, 260, 39-54.	2.7	52
18	Geodynamic controls on the contamination of Cenozoic arc magmas in the southern Central Andes: Insights from the O and Hf isotopic composition of zircon. Geochimica Et Cosmochimica Acta, 2015, 164, 386-402.	3.9	64

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19	Emergence of modern continental crust about 3 billion years ago. Nature Geoscience, 2015, 8, 552-555.	12.9	342
20	The oldest crust in the Ukrainian Shield â€“ Eoarchaean Uâ€“Pb ages and Hfâ€“Nd constraints from enderbites and metasediments. Geological Society Special Publication, 2015, 389, 227-259.	1.3	31
21	Discovery of mafic impact melt in the center of the Vredefort dome: Archetype for continental residua of early Earth cratering?. Geology, 2014, 42, 403-406.	4.4	7
22	Direct dating of midâ€crustal shear zones with synkinematic allanite: new in situ Uâ€Thâ€Pb geochronological approaches applied to the Mont Blanc massif. Terra Nova, 2014, 26, 29-37.	2.1	43
23	Using Zircon Isotope Compositions to Constrain Crustal Structure and Pluton Evolution: the Iapetus Suture Zone Granites in Northern Britain. Journal of Petrology, 2014, 55, 181-207.	2.8	18
24	The genesis of gold mineralisation hosted by orogenic belts: A lead isotope investigation of Irish gold deposits. Chemical Geology, 2014, 378-379, 40-51.	3.3	25
25	Solution and laser ablationMC-ICP-MS lead isotope analysis of gold. Journal of Analytical Atomic Spectrometry, 2013, 28, 217-225.	3.0	27
26	The continental record and the generation of continental crust. Bulletin of the Geological Society of America, 2013, 125, 14-32.	3.3	484
27	Continental growth and the crustal record. Tectonophysics, 2013, 609, 651-660.	2.2	135
28	Not all supercontinents are created equal: Gondwana-Rodinia case study. Geology, 2013, 41, 795-798.	4.4	81
29	A Change in the Geodynamics of Continental Growth 3 Billion Years Ago. Science, 2012, 335, 1334-1336.	12.6	707
30	Detrital zircon record and tectonic setting. Geology, 2012, 40, 875-878.	4.4	1,038
31	From sediments to their source rocks: Hf and Nd isotopes in recent river sediments. Geology, 2011, 39, 407-410.	4.4	65
32	Synthetic zircon doped with hafnium and rare earth elements: A reference material for in situ hafnium isotope analysis. Chemical Geology, 2011, 286, 32-47.	3.3	148
33	Understanding the roles of crustal growth and preservation in the detrital zircon record. Earth and Planetary Science Letters, 2011, 305, 405-412.	4.4	73
34	Building an island-arc crustal section: Time constraints from a LA-ICP-MS zircon study. Earth and Planetary Science Letters, 2011, 309, 268-279.	4.4	68
35	When Continents Formed. Science, 2011, 331, 154-155.	12.6	324
36	Decoding whole rock, plagioclase, zircon and apatite isotopic and geochemical signatures from variably contaminated dioritic magmas. Lithos, 2011, 127, 455-467.	1.4	9

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37	The Annandagstoppane Granite, East Antarctica: Evidence for Archaean Intracrustal Recycling in the Kaapvaal-Grunehogna Craton from Zircon O and Hf Isotopes. Journal of Petrology, 2010, 51, 2277-2301.	2.8	68
38	The generation and evolution of the continental crust. Journal of the Geological Society, 2010, 167, 229-248.	2.1	650
39	Geochemical Architecture of the Lower- to Middle-crustal Section of a Paleo-island Arc (Kohistan) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Subduction Zone. Journal of Petrology, 2009, 50, 531-569.	2.8	96
40	A Matter of Preservation. Science, 2009, 323, 49-50.	12.6	319
41	Age, provenance and post-deposition metamorphic overprint of detrital zircons from the Nathorst Land group (NE Greenland)â€"A LA-ICP-MS and SIMS study. Precambrian Research, 2007, 155, 24-46.	2.7	43
42	Multistage evolution of the Jijal ultramaficâ€“mafic complex (Kohistan, N Pakistan): Implications for building the roots of island arcs. Earth and Planetary Science Letters, 2007, 261, 179-200.	4.4	126
43	Origin of the island arc Moho transition zone via melt-rock reaction and its implications for intracrustal differentiation of island arcs: Evidence from the Jijal complex (Kohistan complex,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4	83
44	An Early-Cambrian Uî—¸Pb apatite cooling age for the high-temperature regional metamorphism in the PiancÃ³ area, Borborema Province (NE Brazil): initial conclusions. Comptes Rendus - Geoscience, 2003, 335, 1081-1089.	1.2	4