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	Detrital zircon record and tectonic setting. Geology, 2012, 40, 875-878.	4.4	1,038
2	A Change in the Geodynamics of Continental Growth 3 Billion Years Ago. Science, 2012, 335, 1334-1336.	12.6	707
3	The generation and evolution of the continental crust. Journal of the Geological Society, 2010, 167, 229-248.	2.1	650
4	The continental record and the generation of continental crust. Bulletin of the Geological Society of America, 2013, 125, 14-32.	3.3	484
5	Emergence of modern continental crust about 3 billion years ago. Nature Geoscience, 2015, 8, 552-555.	12.9	342
6	When Continents Formed. Science, 2011, 331, 154-155.	12.6	324
7	A Matter of Preservation. Science, 2009, 323, 49-50.	12.6	319
8	Tectonics and crustal evolution. GSA Today, 2016, 26, 4-11.	2.0	246
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	Earth's Continental Lithosphere Through Time. Annual Review of Earth and Planetary Sciences, 2017, 45, 169-198.	11.0	182
11	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
12	Rates of generation and growth of the continental crust. Geoscience Frontiers, 2019, 10, 165-173.	8.4	143
13	Continental growth and the crustal record. Tectonophysics, 2013, 609, 651-660.	2.2	135
14	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
15	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
16	The Evolution of the Continental Crust and the Onset of Plate Tectonics. Frontiers in Earth Science, 2020, 8, .	1.8	95
17	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	3.3	86
18	Not all supercontinents are created equal: Gondwana-Rodinia case study. Geology, 2013, 41, 795-798.	4.4	81

#	Article	IF	Citations
19	Continental growth seen through the sedimentary record. Sedimentary Geology, 2017, 357, 16-32.	2.1	81
20	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
21	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
22	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
23	From sediments to their source rocks: Hf and Nd isotopes in recent river sediments. Geology, 2011, 39, 407-410.	4.4	65
24	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
25	Palaeodrainage evolution of the large rivers of East Asia, and Himalayan-Tibet tectonics. Earth-Science Reviews, 2019, 192, 601-630.	9.1	62
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	Solution and laser ablationMC-ICP-MS lead isotope analysis of gold. Journal of Analytical Atomic Spectrometry, 2013, 28, 217-225.	3.0	27
35	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
36	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

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37	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
38	Tectonic settings of continental crust formation: Insights from Pb isotopes in feldspar inclusions in zircon. Geology, 2016, 44, 819-822.	4.4	20
39	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
40	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
41	Decoding whole rock, plagioclase, zircon and apatite isotopic and geochemical signatures from variably contaminated dioritic magmas. Lithos, 2011, 127, 455-467.	1.4	9
42	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
43	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
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