Olivier Bruguier

List of Publications by Year
in descending order

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77 papers	2,899 citations	147566 31 h-index	182168 51 g-index
77 all docs	77 docs citations	77 times ranked	2512 citing authors

#	Article	IF	Citations
1	Syn-kinematic emplacement of granitic batholith and leucogranite along the extensional detachment shear zone system of the Tin Begane area, Laouni terrane (LATEA metacraton, Central Hoggar, Algeria). Precambrian Research, 2022, 368, 106484.	1.2	3
2	The Passa TrÃªs Granite Intrusion-Related/Hosted Neoproterozoic Gold Deposit (ParanÃ¡ State, Brazil): Mineralogical, Geochemical, Fluid Inclusion and Sulphur Isotope Constraints. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 0 Tf 50 697	0.8	0
3	Protracted (>60 Myrs) thermal evolution of a Neoproterozoic metasedimentary sequence from eastern Borborema Province (NE Brazil): Thermal and rheological implications for orogenic development. Precambrian Research, 2022, 377, 106709.	1.2	3
4	LAâ€ICPâ€MS dating of detrital zircon grains from the Cretaceous allochthonous bauxites of Languedoc (south of France): Provenance and geodynamic consequences. Basin Research, 2021, 33, 270-290.	1.3	17
5	Evidence for Early Tonian (Ca. 1000-940 Ma) continental rifting in southern Borborema Province (NE) Tj ETQq1 1 0.784314 rgBT /Overlo International Geology Review, 2021, 63, 851-865.	1.1	20
6	870-850 Ma-old magmatic event in eastern Borborema Province, NE Brazil: Another Tonian failed attempt to break up the SÃ£o Francisco Paleoplate?. Journal of South American Earth Sciences, 2021, 105, 102917.	0.6	8
7	Evolution of a Shallow Volcanic Arc Pluton During Arc Migration: A Tectonoâ€Thermal Integrated Study of the St. Martin Granodiorites (Northern Lesser Antilles). Geochemistry, Geophysics, Geosystems, 2021, 22, e2020GC009627.	1.0	7
8	Comprehensive REEâ€¯+â€¯Y and sensitive redox trace elements of Algerian phosphorites (TÃ©bessa, eastern) Tj ETQq0 0 0 rgBT /Overlo Exploration, 2020, 208, 106396.	1.5	42
9	Long-lived localized magmatism in central-eastern part of the Pernambuco-Alagoas Domain, Borborema Province (NE Brazil): Implications for tectonic setting, heat sources, and lithospheric reworking. Precambrian Research, 2020, 337, 105559.	1.2	19
10	Pressure-temperature conditions and significance of Upper Devonian eclogite and amphibolite facies metamorphisms in southern French Massif central. Bulletin - Societie Geologique De France, 2020, 191, 28.	0.9	9
11	Vestiges of a fore-arc oceanic crust in the Western Mediterranean: Geochemical constraints from North-East Algeria. Lithos, 2020, 370-371, 105649.	0.6	3
12	Tracking geothermal anomalies along a crustal fault using (Uâ€‰â¯â€‰Th)â•He apatite thermochronology and rare-earth element (REE) analyses: the example of the TÃªt fault (Pyrenees, France). Solid Earth, 2020, 11, 1747-1771.	1.2	19
13	Mapping a geothermal anomaly using apatite (Uâ€Th)/He thermochronology in the TÃªt fault damage zone, eastern Pyrenees, France. Terra Nova, 2019, 31, 569-576.	0.9	13
14	Intrusion-related affinity and orogenic gold overprint at the Paleoproterozoic Bonikro Auâ€“(Mo) deposit (CÃte dâ€™Ivoire, West African Craton). Mineralium Deposita, 2019, , 1.	1.7	10
15	Geochemistry and geochronology of orthogneisses across a major transcurrent shear zone (East) Tj ETQq1 1 0.784314 rgBT /Overlo South American Earth Sciences, 2019, 91, 285-301.	0.6	12
16	Arc-related high-K magmatism in the Ceuta Peninsula (Internal Rif, Spain): discovery and consequences. Geological Magazine, 2019, 156, 1385-1399.	0.9	0
17	The MacururÃ© Complex (Sergipano Belt, NE Brazil) in southern Alagoas state: Geology and geochronology. Journal of the Geological Survey of Brazil, 2019, 2, 17-25.	0.1	4
18	Structural, metamorphic and geochronological insights on the Variscan evolution of the Alpine basement in the Belledonne Massif (France). Tectonophysics, 2018, 726, 14-42.	0.9	22

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19	Arsenic and metallic trace elements cycling in the surface water-groundwater-soil continuum down-gradient from a reclaimed mine area: Isotopic imprints. Journal of Hydrology, 2018, 558, 341-355.	2.3	23
20	Reworking of intra-oceanic rocks in a deep sea basin: example from the Bou-Maiza complex (Edough) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	3
21	Ultraâ€high temperature metamorphism recorded in Feâ€rich olivineâ€bearing migmatite from the Khondalite Belt, North China Craton. Journal of Metamorphic Geology, 2018, 36, 343-368.	1.6	29
22	The Passa TrÃªs lode gold deposit (ParanÃ¡ State, Brazil): An example of structurally-controlled mineralisation formed during magmatic-hydrothermal transition and hosted within granite. Ore Geology Reviews, 2018, 102, 701-727.	1.1	10
23	Glauconite-bearing sedimentary phosphorites from the TÃ©bessa region (eastern Algeria): Evidence of REE enrichment and geochemical constraints on their origin. Journal of African Earth Sciences, 2018, 145, 190-200.	0.9	38
24	A subducted Neoproterozoic rift assemblage: The Egere Group (central Hoggar, Algeria). Journal of African Earth Sciences, 2018, 147, 544-553.	0.9	5
25	Structural, mineralogical, geochemical and geochronological constraints on ore genesis of the gold-only Tocantinzinho deposit (Para State, Brazil). Ore Geology Reviews, 2018, 102, 154-194.	1.1	11
26	Sadiola Hill: A World-Class Carbonate-Hosted Gold Deposit in Mali, West Africa. Economic Geology, 2017, 112, 23-47.	1.8	23
27	Geochronological, geochemical and petrographic constraints on the Paleoproterozoic Tocantinzinho gold deposit (Tapajos Gold Province, Amazonian Craton - Brazil): Implications for timing, regional evolution and deformation style of its host rocks. Journal of South American Earth Sciences, 2017, 75, 92-115.	0.6	12
28	Age of UHP metamorphism in the Western Mediterranean: Insight from rutile and minute zircon inclusions in a diamond-bearing garnet megacryst (Edough Massif, NE Algeria). Earth and Planetary Science Letters, 2017, 474, 215-225.	1.8	30
29	The geochronological evolution of the Paleoproterozoic BaoulÃ©-Mossi domain of the Southern West African Craton. Precambrian Research, 2017, 300, 1-27.	1.2	49
30	Geometry, kinematics and geochronology of the SertÃ¢nia Complex (central Borborema Province, NE) Tj ETQq0 0 0 rgBT /Overlock 10 T assembly. Precambrian Research, 2017, 298, 552-571.	1.2	29
31	Petrological, geochemical and isotopic characteristics of the Collo ultramafic rocks (NE Algeria). Journal of African Earth Sciences, 2017, 125, 59-72.	0.9	7
32	Lower crust exhumation during Paleoproterozoic (Eburnean) orogeny, NW Ghana, West African Craton: Interplay of coeval contractional deformation and extensional gravitational collapse. Precambrian Research, 2016, 274, 82-109.	1.2	58
33	The transition zone between the Pernambuco-Alagoas Domain and the Sergipano Belt (Borborema) Tj ETQq1 1 0.784314 rgBT /Overl metamorphism of metasedimentary rocks. Journal of South American Earth Sciences, 2016, 72, 266-278.	0.6	24
34	Paleoproterozoic juvenile crust formation and stabilisation in the south-eastern West African Craton (Ghana); New insights from U-Pb-Hf zircon data and geochemistry. Precambrian Research, 2016, 287, 1-30.	1.2	54
35	Preliminary Data of REE in Algerian Phosphorites: A Comparative Study and Paleo-redox Insights. Procedia Engineering, 2016, 138, 19-29.	1.2	24
36	A 17 Ma onset for the post-collisional K-rich calc-alkaline magmatism in the Maghrebides: Evidence from Bougaroun (northeastern Algeria) and geodynamic implications. Tectonophysics, 2016, 674, 114-134.	0.9	38

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37	Permo-Carboniferous and early Miocene geological evolution of the internal zones of the Maghrebides â€“ New insights on the western Mediterranean evolution. Journal of Geodynamics, 2016, 96, 146-173.	0.7	15
38	Orogenic development of the Adrar des Iforas (Tuareg Shield, NE Mali): New geochemical and geochronological data and geodynamic implications. Journal of Geodynamics, 2016, 96, 104-130.	0.7	22
39	The Tachakouchtâ€“Iririâ€“Tourtit arc complex (Moroccan Anti-Atlas): Neoproterozoic records of polyphased subduction-accretion dynamics during the Pan-African orogeny. Journal of Geodynamics, 2016, 96, 81-103.	0.7	50
40	From extension to shortening: Dating the onset of the Brasiliano Orogeny in eastern Borborema Province (NE Brazil). Journal of South American Earth Sciences, 2015, 58, 238-256.	0.6	44
41	Relief variation and erosion of the Variscan belt: detrital geochronology of the Palaeozoic sediments from the Mauges Unit (Armorican Massif, France). Geological Society Special Publication, 2014, 405, 137-167.	0.8	13
42	Metamorphic diamonds in a garnet megacryst from the Edough Massif (northeastern Algeria). Recognition and geodynamic consequences. Tectonophysics, 2014, 637, 341-353.	0.9	19
43	Origin and significance of poikilitic and mosaic peridotite xenoliths in the western Pannonian Basin: geochemical and petrological evidences. Contributions To Mineralogy and Petrology, 2014, 168, 1.	1.2	17
44	Geochemical study (major, trace elements and Pbâ€“Srâ€“Nd isotopes) of mantle material obducted onto the North African margin (Edough Massif, North Eastern Algeria): Tethys fragments or lost remnants of the Liguroâ€“ProvenÃ§al basin?. Tectonophysics, 2014, 626, 53-68.	0.9	17
45	Continental subduction recorded by Neoproterozoic eclogite and garnet amphibolites from Western Hoggar (Tassendjanet terrane, Tuareg Shield, Algeria). Precambrian Research, 2014, 247, 139-158.	1.2	39
46	The fast evolution of a crustal hot zone at the end of a transpressional regime: The Saint-Tropez peninsula granites and related dykes (Maures Massif, SE France). Lithos, 2013, 162-163, 195-220.	0.6	20
47	The Pan-African Kekem gabbro-norite (West-Cameroon), Uâ€“Pb zircon age, geochemistry and Srâ€“Nd isotopes: Geodynamical implication for the evolution of the Central African fold belt. Journal of African Earth Sciences, 2013, 84, 70-88.	0.9	64
48	Geochronological, thermochronological and thermobarometric constraints on deformation, magmatism and thermal regimes in eastern Borborema Province (NE Brazil). Journal of South American Earth Sciences, 2012, 38, 129-146.	0.6	43
49	Discovery of an albite gneiss from the Ile de Groix (Armorican Massif, France): geochemistry and LA-ICP-MS Uâ€“Pb geochronology of its Ordovician protolith. International Journal of Earth Sciences, 2012, 101, 1169-1190.	0.9	24
50	The Late Neoproterozoic/Early Palaeozoic evolution of the West Congo Belt of NW Angola: geochronological (Uâ€Pb and Arâ€Ar) and petrostructural constraints. Terra Nova, 2012, 24, 238-247.	0.9	34
51	Complex, 3D strain patterns in a synkinematic tonalite batholith from the AraÃ§uaÃ-Neoproterozoic orogen (Eastern Brazil): Evidence from combined magnetic and isotopic chronology studies. Journal of Structural Geology, 2012, 39, 158-179.	1.0	33
52	Lichens Used as Monitors of Atmospheric Pollution Around Agadir (Southwestern Morocco)â€”A Case Study Predating Lead-Free Gasoline. Water, Air, and Soil Pollution, 2012, 223, 1263-1274.	1.1	17
53	Selecting statistical models and variable combinations for optimal classification using otolith microchemistry. , 2011, 21, 1352-1364.		89
54	Building an island-arc crustal section: Time constraints from a LA-ICP-MS zircon study. Earth and Planetary Science Letters, 2011, 309, 268-279.	1.8	68

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55	Petrology and geochronology of the high-K calc-alkaline MÃ©sanger magmatism (Armorican massif,) Tj ETQq1 1 0.784314 rgBT /Overlo 182, 467-477.	0.9	7
56	New occurrence of UHP eclogites in Limousin (French Massif Central): Age, tectonic setting and fluidâ€"rock interactions. Lithos, 2010, 118, 365-382.	0.6	66
57	Late Ediacaran geological evolution (575â€"555Ma) of the Djanet Terrane, Eastern Hoggar, Algeria, evidence for a Murzukian intracontinental episode. Precambrian Research, 2010, 180, 299-327.	1.2	90
58	Geochemical Architecture of the Lower- to Middle-crustal Section of a Paleo-island Arc (Kohistan) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Subduction Zone. Journal of Petrology, 2009, 50, 531-569.	1.1	96
59	Geochemical and petrographic evidence for magmatic impregnation in the oceanic lithosphere at Atlantis Massif, Mid-Atlantic Ridge (IODP Hole U1309D, 30Â°N). Chemical Geology, 2009, 264, 71-88.	1.4	134
60	Conflicting structural and geochronological data from the Ibituruna quartz-syenite (SE Brazil): Effect of protracted â€œhotâ€•orogeny and slow cooling rate?. Tectonophysics, 2009, 477, 174-196.	0.9	43
61	The age distributions of detrital zircons in metasedimentary sequences in eastern Borborema Province (NE Brazil): Evidence for intracontinental sedimentation and orogenesis?. Precambrian Research, 2009, 175, 187-205.	1.2	60
62	Uâ€"Pb ages of plutonic and metaplutonic rocks in southern Borborema Province (NE Brazil): Timing of Brasiliano deformation and magmatism. Journal of South American Earth Sciences, 2008, 25, 285-297.	0.6	44
63	Origin of Pyroxenite-Peridotite Veined Mantle by Refertilization Reactions: Evidence from the Ronda Peridotite (Southern Spain). Journal of Petrology, 2008, 49, 999-1025.	1.1	180
64	U-Pb single zircon grain dating of Present fluvial and Cenozoic aeolian sediments from Gabon: consequences on sediment provenance, reworking, and erosion processes on the equatorial West African margin. Bulletin - Societie Geologique De France, 2008, 179, 29-40.	0.9	18
65	Geochronology and metamorphic P - T - X evolution of the Eburnean granulite-facies metapelites of Tidjenouine (Central Hoggar, Algeria): witness of the LATEA metacratonic evolution. Geological Society Special Publication, 2008, 297, 111-146.	0.8	31
66	Record of a Palaeogene syn-collisional extension in the north Aegean region: evidence from the Kemer micaschists (NW Turkey). Geological Magazine, 2007, 144, 393-400.	0.9	35
67	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.	1.2	43
68	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 ETQq0 0 0 rgBT /Overlock 10 Tf 50 217	2.0	83
69	Calcification rate influence on trace element concentrations in aragonitic bivalve shells: Evidences and mechanisms. Geochimica Et Cosmochimica Acta, 2006, 70, 4906-4920.	1.6	203
70	Timing of crust formation, deposition of supracrustal sequences, and Transamazonian and Brasiliano metamorphism in the East Pernambuco belt (Borborema Province, NE Brazil): Implications for western Gondwana assembly. Precambrian Research, 2006, 149, 197-216.	1.2	127
71	U-Pb Silurian age for a gabbro of the Platinum-bearing belt of the Middle Urals (Russia): evidence for beginning of closure of the Uralian Ocean. Geological Society Memoir, 2006, 32, 443-448.	0.9	9
72	Ã‰tude pÃ©trographique et gÃ©ochimique comparative du support en mortier de deux tables Ã marqueterie de pierres. ArcheoSciences, 2006, , 81-88.	0.1	0

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73	Palaeoproterozoic arc magmatism and collision in Liaodong Peninsula (north-east China). Terra Nova, 2004, 16, 75-80.	0.9	204
74	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.	0.4	4
75	Monazite â€œin situâ€•207Pb/206Pb geochronology using a small geometry high-resolution ion probe. Application to Archaean and Proterozoic rocks. Chemical Geology, 2002, 184, 151-165.	1.4	38
76	Evaluation of Pb-Pb and U-Pb Laser Ablation ICP-MSZircon Dating using Matrix-Matched Calibration Sampleswith a Frequency Quadrupled (266 nm)Nd-YAG Laser. Geostandards and Geoanalytical Research, 2001, 25, 361-373.	1.7	31
77	Evolution of an Archean Metamorphic Belt: A Conventional and SHRIMP U-Pb Study of Accessory Minerals from the Jimperding Metamorphic Belt, Yilgarn Craton, West Australia. Journal of Geology, 1996, 104, 695-711.	0.7	47