

# Bruno GoffÃ©

## List of Publications by Year in descending order

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69  
papers

6,473  
citations

66336

42  
h-index

82542

72  
g-index

73  
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73  
docs citations

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times ranked

4920  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrothermal Steel Slag Valorizationâ€™Part II: Hydrogen and Nano-Magnetite Production. <i>Frontiers in Earth Science</i> , 2017, 5, .	1.8	7
2	Hydrothermal Valorization of Steel Slagsâ€™Part I: Coupled H2 Production and CO2 Mineral Sequestration. <i>Frontiers in Energy Research</i> , 2017, 5, .	2.3	8
3	High-purity hydrogen gas from the reaction between BOF steel slag and water in the 473â€™673ÅK range. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 7382-7393.	7.1	34
4	Raman mapping and numerical simulation of calcium carbonates distribution in experimentally carbonated Portland-cement cores. <i>European Journal of Mineralogy</i> , 2010, 22, 63-74.	1.3	44
5	Along-strike variations of Pâ€™T conditions in accretionary wedges and syn-orogenic extension, the HPâ€™LT Phylliteâ€™Quartzite Nappe in Crete and the Peloponnese. <i>Tectonophysics</i> , 2010, 480, 133-148.	2.2	38
6	Mechanism of wollastonite carbonation deduced from micro- to nanometer length scale observations. <i>American Mineralogist</i> , 2009, 94, 1707-1726.	1.9	117
7	Carbonation of Ca-bearing silicates, the case of wollastonite: Experimental investigations and kinetic modeling. <i>Chemical Geology</i> , 2009, 265, 63-78.	3.3	225
8	Heterogeneous porosity distribution in Portland cement exposed to CO2-rich fluids. <i>Cement and Concrete Research</i> , 2008, 38, 1038-1048.	11.0	209
9	Thermochemical characterization of Ca4La6(SiO4)6(OH)2 a synthetic La- and OH-analogous of britholite: implication for monazite and LREE apatites stability. <i>Mineralogia</i> , 2008, 39, 41-52.	0.8	5
10	Mâ€™langes and ophiolites during the Pan-African orogeny: the case of the Bou-Azzer ophiolite suite (Morocco). <i>Geological Society Special Publication</i> , 2008, 297, 233-247.	1.3	29
11	Metamorphism of metasediments at the scale of an orogen: a key to the Tertiary geodynamic evolution of the Alps. <i>Geological Society Special Publication</i> , 2008, 298, 393-411.	1.3	90
12	Late Cenozoic metamorphic evolution and exhumation of Taiwan. <i>Tectonics</i> , 2007, 26, .	2.8	144
13	Exceptional preservation of fossil plant spores in high-pressure metamorphic rocks. <i>Earth and Planetary Science Letters</i> , 2007, 262, 257-272.	4.4	136
14	Mountain building in Taiwan: A thermokinematic model. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	91
15	Experimental study and modeling of fluid reaction paths in the quartzâ€™kyaniteâ€™muscoviteâ€™water system at 0.7GPa in the 350â€™550ÅC range: Implications for Al selective transfer during metamorphism. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 1772-1788.	3.9	31
16	Pressureâ€™temperatureâ€™time constraints on the Maghrebide mountain building: evidence from the Rifâ€™Betic transect (Morocco, Spain), Algerian correlations, and geodynamic implications. <i>Comptes Rendus - Geoscience</i> , 2006, 338, 92-114.	1.2	122
17	Evolution of the REE mineralogy in HPâ€™LT metapelites of the Sebide complex, Rif, Morocco: Monazite stability and geochronology. <i>Lithos</i> , 2006, 87, 214-234.	1.4	120
18	The wide distribution of HP-LT rocks in the Lycian Belt (Western Turkey): implications for accretionary wedge geometry. <i>Geological Society Special Publication</i> , 2006, 260, 447-466.	1.3	23

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19	Evidence of retrograde Mg-carpholite in the Phyllite-Quartzite nappe of Peloponnese from thermobarometric modelisation - geodynamic implications. <i>Geodinamica Acta</i> , 2006, 19, 323-343.	2.2	28
20	Fission-track thermochronology of the Oman Mountains continental windows, and current problems of tectonic interpretation. <i>Bulletin - Societe Geologique De France</i> , 2006, 177, 127-134.	2.2	48
21	Exhumation Paths of High-Pressure“Low-Temperature Metamorphic Rocks from the Lycian Nappes and the Menderes Massif (SW Turkey): a Multi-Equilibrium Approach. <i>Journal of Petrology</i> , 2005, 46, 641-669.	2.8	75
22	Comment on “Subduction factory: 1. Theoretical mineralogy, densities, seismic wave speeds, and H2O contents” by Bradley R. Hacker, Geoffrey A. Abers, and Simon M. Peacock. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	20
23	Experimental study of the microtextural and structural transformations of carbonaceous materials under pressure and temperature. <i>European Journal of Mineralogy</i> , 2004, 15, 937-951.	1.3	112
24	Alpine orogenic P-T-t-deformation history of the Catena Costiera area and surrounding regions (Calabrian Arc, southern Italy): The nappe edifice of north Calabria revised with insights on the Tyrrhenian-Apennine system formation. <i>Tectonics</i> , 2004, 23, n/a-n/a.	2.8	103
25	Thermal metamorphism in the lesser Himalaya of Nepal determined from Raman spectroscopy of carbonaceous material. <i>Earth and Planetary Science Letters</i> , 2004, 225, 233-241.	4.4	172
26	First evidence of high-pressure metamorphism in the “Cover Series” of the southern Menderes Massif. Tectonic and metamorphic implications for the evolution of SW Turkey. <i>Lithos</i> , 2003, 71, 19-46.	1.4	123
27	On the characterization of disordered and heterogeneous carbonaceous materials by Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 2267-2276.	3.9	724
28	Magnesiostauroilite and zincostauroilite: mineral description with a petrogenetic and crystal-chemical update. <i>European Journal of Mineralogy</i> , 2003, 15, 167-176.	1.3	21
29	Deformation history of the high-pressure Lycian Nappes and implications for tectonic evolution of SW Turkey. <i>Tectonics</i> , 2003, 22, n/a-n/a.	2.8	81
30	The tectono-metamorphic history of the Valaisan domain from the Western to the Central Alps: New constraints on the evolution of the Alps. <i>Bulletin of the Geological Society of America</i> , 2002, 114, 207-225.	3.3	102
31	High-pressure, low-temperature metamorphism in Alpujarride Units of southeastern Betics (Spain). <i>Comptes Rendus - Geoscience</i> , 2002, 334, 857-865.	1.2	35
32	Le mÃ©tamorphisme Tardi-CrÃ©tacÃ© Ã  l'ocÃ©ane des zones internes de la chaÃªne Indo-Birmane (Myanmar) <span style="float: right;">Tj,ETQq0 0,0 rgBT /O</span>	1.2	33
33	Graphitization in a high-pressure, low-temperature metamorphic gradient: a Raman microspectroscopy and HRTEM study. <i>Contributions To Mineralogy and Petrology</i> , 2002, 143, 19-31.	3.1	287
34	Oligo-Miocene midcrustal subhorizontal shear zone in Indochina. <i>Tectonics</i> , 2001, 20, 46-57.	2.8	118
35	Alpine structural and metamorphic signature of the Sila Piccola Massif nappe stack (Calabria, Italy): Insights for the tectonic evolution of the Calabrian Arc. <i>Tectonics</i> , 2001, 20, 112-133.	2.8	119
36	Tectonometamorphic evolution of the Schistes Lustrés Complex; implications for the exhumation of HP and UHP rocks in the Western Alps. <i>Bulletin - Societe Geologique De France</i> , 2001, 172, 617-636.	2.2	137

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37	Retrograde mineral and fluid evolution in high-pressure metapelites (Schistes lustrés unit, Western Tj ETQq1 1 0,784314 rgBT /Overl	3.1	53
38	Les d'Ãmes mÃ©tamorphiques extensifs dans les chaÃnes de montagnes. Extension syn-orogÃ©nique et post-orogÃ©nique. Comptes Rendus De L'AcadÃ©mie Des Sciences Earth & Planetary Sciences SÃ©rie II, Sciences De La Terre Et Des PlanÃ©tes =, 2000, 330, 739-751.	0.2	0
39	Oligocene-Miocene Bu Khang extensional gneiss dome in Vietnam: Geodynamic implications. Geology, 1999, 27, 67.	4.4	76
40	TEM evidence for high-temperature (300°C) smectite in multistage clay-mineral pseudomorphs in pelitic rocks (Rif, Morocco). European Journal of Mineralogy, 1999, 11, 655-668.	1.3	13
41	Isotope study on organic nitrogen of Westphalian anthracites from the Western Middle field of Pennsylvania (U.S.A.) and from the Bramsche Massif (Germany). Organic Geochemistry, 1998, 29, 315-323.	1.8	82
42	Chemical interaction between a simulated nuclear waste glass and different backfill materials under a thermal gradient. Applied Geochemistry, 1998, 13, 715-734.	3.0	13
43	Midcrustal shear zones in postorogenic extension: Example from the northern Tyrrhenian Sea. Journal of Geophysical Research, 1998, 103, 12123-12160.	3.3	456
44	Late thermal evolution of the Oman Mountains subophiolitic windows: Apatite fission-track thermochronology. Geology, 1998, 26, 1139.	4.4	49
45	Metamorphic evolution of Verrucano metasediments in northern Apennines: new petrological constraints. European Journal of Mineralogy, 1998, 10, 1295-1308.	1.3	57
46	Kinematic, thermal and petrological model of the Himalayas: constraints related to metamorphism within the underthrust indian crust and topographic elevation. Tectonophysics, 1997, 273, 31-56.	2.2	163
47	Uplift of Tibet: from eclogites to granulites â€” implications for the Andean Plateau and the Variscan belt. Tectonophysics, 1997, 273, 57-76.	2.2	127
48	Kinematic, thermal and petrological model of the Central Alps: Lepontine metamorphism in the upper crust and eclogitisation of the lower crust. Tectonophysics, 1997, 273, 105-127.	2.2	183
49	Late Hercynianâ€”Mesozoic thinning in the Alboran domain: metamorphic data from the northern Rif, Morocco. Terra Nova, 1997, 9, 171-174.	2.1	58
50	Ferro- and magnesiocarpholite from the Monte Argentario (Italy): First evidence for high-pressure metamorphism of the metasedimentary Verrucano sequence, and significance for P-T path reconstruction. European Journal of Mineralogy, 1997, 9, 859-874.	1.3	66
51	Ferro- and magnesiocarpholite assemblages as record of high-P, low-Ã” metamorphism in the Central Alpujarrides, Betic Cordillera (SE Spain). European Journal of Mineralogy, 1997, 9, 1035-1052.	1.3	74
52	Ordering of the stacking sequence in cookeite with increasing pressure; an HRTEM study. American Mineralogist, 1996, 81, 67-78.	1.9	21
53	Crustal-scale strain partitioning: footwall deformation below the Alpine Oligo-Miocene detachment of Corsica. Journal of Structural Geology, 1996, 18, 41-59.	2.3	83
54	Metamorphic cookeite in Alpine metapelites from Rif, northern Morocco, and the Betic Chain, southern Spain. European Journal of Mineralogy, 1996, 8, 335-348.	1.3	22

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55	Hydrothermal alteration of a simulated nuclear waste glass: effects of a thermal gradient and of a chemical barrier. <i>European Journal of Mineralogy</i> , 1996, 8, 533-548.	1.3	16
56	La saliotite, interstratifié rãgulier 1:1 cookãite/paragonite. Nouveau phyllosilicate du mãtamorphisme de haute pression et basse tempãrature. <i>European Journal of Mineralogy</i> , 1994, 6, 897-912.	1.3	17
57	Radial cracks around Î±-quartz inclusions in almandine: Constraints on the metamorphic history of the Oman mountains. <i>Earth and Planetary Science Letters</i> , 1993, 114, 449-461.	4.4	67
58	Zeolitization of basalts in subaqueous freshwater settings: Field observations and experimental study. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 3597-3612.	3.9	26
59	Tectonic model for the evolution of the western Alps. <i>Geology</i> , 1993, 21, 659.	4.4	30
60	Ferro- and magnesiochloritoid in the "Bündnerschiefer" of the eastern Central Alps (Grisons and Tj ETQq0 0,0 rgBT /Overlock 10	1.3	38
61	Alpine Corsica Metamorphic Core Complex. <i>Tectonics</i> , 1991, 10, 1173-1186.	2.8	109
62	<sup>40</sup> Ar / <sup>39</sup> Ar geochronology of Alpine tectonism in the Betic Cordilleras (southern Spain). <i>Journal of the Geological Society</i> , 1991, 148, 289-297.	2.1	148
63	Cookeite LiAl <sub>4</sub> (Si <sub>3</sub> Al)O <sub>10</sub> (OH) <sub>8</sub> : Experimental study and thermodynamical analysis of its compatibility relations in the Li <sub>2</sub> O~Al <sub>2</sub> O <sub>3</sub> ~SiO <sub>2</sub> ~H <sub>2</sub> O system. <i>Contributions To Mineralogy and Petrology</i> , 1991, 108, 72-81.	3.1	38
64	Ductile extension in alpine Corsica. <i>Geology</i> , 1990, 18, 1007.	4.4	166
65	First evidence of high-pressure, low-temperature metamorphism in the Alpujãrride nappes, Betic Cordilleras (S.E. Spain). <i>European Journal of Mineralogy</i> , 1989, 1, 139-142.	1.3	119
66	A case of obduction-related high-pressure, low-temperature metamorphism in upper crustal nappes, Arabian continental margin, Oman: P-T paths and kinematic interpretation. <i>Tectonophysics</i> , 1988, 151, 363-386.	2.2	152
67	Experimental transport of Si, Al and Mg in hydrothermal solutions: an application to vein mineralization during high-pressure, low-temperature metamorphism in the French Alps. <i>Contributions To Mineralogy and Petrology</i> , 1987, 97, 438-450.	3.1	19
68	Contrasted metamorphic evolutions in thrust cover units of the Briançonnais zone (French Alps): A model for the conservation of HP-LT metamorphic mineral assemblages. <i>Earth and Planetary Science Letters</i> , 1984, 68, 351-360.	4.4	65
69	Succession de subfacies mĩ½tamorphiques en Vanoise mĩ½ridionale (Savoie). <i>Contributions To Mineralogy and Petrology</i> , 1977, 62, 23-41.	3.1	18