

# Pierre Bouilhol

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,670  
citations

279798

23  
h-index

395702

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1855  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dating the India-Eurasia collision through arc magmatic records. <i>Earth and Planetary Science Letters</i> , 2013, 366, 163-175.	4.4	320
2	Post-collisional magmatism: Crustal growth not identified by zircon Hf-O isotopes. <i>Earth and Planetary Science Letters</i> , 2016, 456, 182-195.	4.4	161
3	Isotopic evidence for iron mobility during subduction. <i>Geology</i> , 2016, 44, 215-218.	4.4	98
4	Jurassic rifting at the Eurasian Tethys margin: Geochemical and geochronological constraints from granitoids of North Makran, southeastern Iran. <i>Tectonics</i> , 2015, 34, 571-593.	2.8	76
5	Zinc isotope evidence for sulfate-rich fluid transfer across subduction zones. <i>Nature Communications</i> , 2016, 7, 13794.	12.8	74
6	Mantle Flow and Deforming Continents: From India-Asia Convergence to Pacific Subduction. <i>Tectonics</i> , 2018, 37, 2887-2914.	2.8	72
7	The behavior of iron and zinc stable isotopes accompanying the subduction of mafic oceanic crust: A case study from Western Alpine ophiolites. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 2562-2579.	2.5	68
8	Numerical models of the magmatic processes induced by slab breakoff. <i>Earth and Planetary Science Letters</i> , 2017, 478, 203-213.	4.4	64
9	Deep water recycling through time. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 4203-4216.	2.5	59
10	Continental underplating after slab break-off. <i>Earth and Planetary Science Letters</i> , 2017, 474, 59-67.	4.4	59
11	Timing of juvenile arc crust formation and evolution in the Sapat Complex (Kohistan-Pakistan). <i>Chemical Geology</i> , 2011, 280, 243-256.	3.3	55
12	Carbonate Transfer during the Onset of Slab Devolatilization: New Insights from Fe and Zn Stable Isotopes. <i>Journal of Petrology</i> , 2018, 59, 1145-1166.	2.8	55
13	A numerical approach to melting in warm subduction zones. <i>Earth and Planetary Science Letters</i> , 2015, 411, 37-44.	4.4	51
14	Magma and fluid percolation in arc to forearc mantle: Evidence from Sapat (Kohistan, Northern Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	1.4	46
15	The isotopic evolution of the Kohistan Ladakh arc from subduction initiation to continent arc collision. <i>Geological Society Special Publication</i> , 2019, 483, 165-182.	1.3	45
16	Seismic evidence for depth-dependent metasomatism in cratons. <i>Earth and Planetary Science Letters</i> , 2018, 491, 148-159.	4.4	42
17	U-Pb geochronology and geochemistry of Zahedan and Shah Kuh plutons, southeast Iran: Implication for closure of the South Sistan suture zone. <i>Lithos</i> , 2016, 248-251, 293-308.	1.4	34
18	Cadomian S-type granites as basement rocks of the Variscan belt (Massif Central, France): Implications for the crustal evolution of the north Gondwana margin. <i>Lithos</i> , 2017, 286-287, 16-34.	1.4	34

#	ARTICLE	IF	CITATIONS
19	Magma Transfer and Evolution in Channels within the Arc Crust: the Pyroxenitic Feeder Pipes of Sapat (Kohistan, Pakistan). <i>Journal of Petrology</i> , 2015, 56, 1309-1342.	2.8	31
20	Relamination of mafic subducting crust throughout Earth's history. <i>Earth and Planetary Science Letters</i> , 2016, 449, 206-216.	4.4	27
21	Detrital zircon U–Pb–Hf systematics of Ediacaran metasediments from the French Massif Central: Consequences for the crustal evolution of the north Gondwana margin. <i>Precambrian Research</i> , 2019, 324, 269-284.	2.7	27
22	Timeline of the South Tibet – Himalayan belt: the geochronological record of subduction, collision, and underthrusting from zircon and monazite U–Pb ages. <i>Canadian Journal of Earth Sciences</i> , 2019, 56, 1318-1332.	1.3	26
23	Geological evidence and modeling of melt migration by porosity waves in the sub-arc mantle of Kohistan (Pakistan). <i>Geology</i> , 2011, 39, 1091-1094.	4.4	25
24	Modeling Slab Temperature: A Reevaluation of the Thermal Parameter. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 673-687.	2.5	25
25	GEM OLIVINE AND CALCITE MINERALIZATION PRECIPITATED FROM SUBDUCTION-DERIVED FLUIDS IN THE KOHISTAN ARC-MANTLE (PAKISTAN). <i>Canadian Mineralogist</i> , 2012, 50, 1291-1304.	1.0	18
26	Relationships between lower and upper crust tectonic during doming: the mylonitic southern edge of the Velay metamorphic core complex (Cévennes-French Massif Central). <i>Geodinamica Acta</i> , 2006, 19, 137-153.	2.2	15
27	Iron and zinc stable isotope evidence for open-system high-pressure dehydration of antigorite serpentinite in subduction zones. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 296, 210-225.	3.9	15
28	Serpentinization, Deformation, and Seismic Anisotropy in the Subduction Mantle Wedge. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC008950.	2.5	13
29	Decoupling of inorganic and organic carbon during slab mantle devolatilisation. <i>Nature Communications</i> , 2022, 13, 308.	12.8	12
30	Eoarchean subduction-like magmatism recorded in 3750-Ma mafic-ultramafic rocks of the Ukaliq supracrustal belt (Québec). <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, 1.	3.1	9
31	Interaction between mantle-derived magma and lower arc crust: quantitative reactive melt flow modelling using STyx. <i>Geological Society Special Publication</i> , 2019, 478, 65-87.	1.3	5
32	Lithosphere Destabilization by Melt Weakening and Crust–Mantle Interactions: Implications for Generation of Granite–Migmatite Belts. <i>Tectonics</i> , 2018, 37, 3102-3116.	2.8	4
33	When zircon drowns: Elusive geochronological record of water-fluxed orthogneiss melting in the Velay dome (Massif Central, France). <i>Lithos</i> , 2021, 384-385, 105938.	1.4	4
34	Dislocation generation in experimentally shocked olivine crystals. <i>Journal of Geophysical Research E: Planets</i> , 0, , .	3.6	1
35	Rocks: A Very Short Introduction. By Jan Zalasiewicz. Oxford University Press 2016, 144 pages, ISBN-10: 0198725191, ISBN-13: 978-0198725190 Paperback. Price USD 11.95. <i>European Journal of Mineralogy</i> , 2019, 31, 1.3 845-845.	1.3	0