Gianluca Bianchini

List of Publications by Year
in descending order

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79 papers	2,836 citations	172207 29 h-index	189595 50 g-index
81 all docs	81 docs citations	81 times ranked	2673 citing authors

#	Article	IF	Citations
1	Trace elements and Srâ€“Ndâ€“Pb isotopes of K-rich, shoshonitic, and calc-alkaline magmatism of the Western Mediterranean Region: Genesis of ultrapotassic to calc-alkaline magmatic associations in a post-collisional geodynamic setting. Lithos, 2009, 107, 68-92.	0.6	267
2	Continental Flood Basalts and Mantle Plumes: a Case Study of the Northern Ethiopian Plateau. Journal of Petrology, 2009, 50, 1377-1403.	1.1	137
3	Recycling of construction and demolition waste materials: a chemicalâ€“mineralogical appraisal. Waste Management, 2005, 25, 149-159.	3.7	118
4	Geochemistry and petrology of the Kermanshah ophiolites (Iran): Implication for the interaction between passive rifting, oceanic accretion, and OIB-type components in the Southern Neo-Tethys Ocean. Gondwana Research, 2013, 24, 392-411.	3.0	114
5	Coexisting anorogenic and subduction-related metasomatism in mantle xenoliths from the Betic Cordillera (southern Spain). Lithos, 2004, 75, 67-87.	0.6	112
6	Geochemistry and water quality assessment of central Main Ethiopian Rift natural waters with emphasis on source and occurrence of fluoride and arsenic. Journal of African Earth Sciences, 2010, 57, 479-491.	0.9	108
7	Mobilization of arsenic and other naturally occurring contaminants in groundwater of the Main Ethiopian Rift aquifers. Water Research, 2013, 47, 5801-5818.	5.3	106
8	Post-collisional and intraplate Cenozoic volcanism in the rifted Apennines/Adriatic domain. Lithos, 2008, 101, 125-140.	0.6	92
9	Hydrogeochemical study in the Main Ethiopian Rift: new insights to the source and enrichment mechanism of fluoride. Environmental Geology, 2009, 58, 109-118.	1.2	86
10	Tertiary-Quaternary magmatism within the Mediterranean and surrounding regions. Geological Society Special Publication, 1999, 156, 141-168.	0.8	84
11	Behaviour of boron and strontium isotopes in groundwaterâ€“aquifer interactions in the Cornia Plain (Tuscany, Italy). Applied Geochemistry, 2006, 21, 1169-1183.	1.4	79
12	Evidence of diverse depletion and metasomatic events in harzburgiteâ€“lherzolite mantle xenoliths from the Iberian plate (Olot, NE Spain): Implications for lithosphere accretionary processes. Lithos, 2007, 94, 25-45.	0.6	64
13	Petrology, geochemistry and Uâ€“Pb geochronology of the Betic Ophiolites: Inferences for Pangaea break-up and birth of the westernmost Tethys Ocean. Lithos, 2011, 124, 255-272.	0.6	62
14	Chemicalâ€“mineralogical characterisation of clay sediments around Ferrara (Italy): a tool for an environmental analysis. Applied Clay Science, 2002, 21, 165-176.	2.6	57
15	Intracratonic asthenosphere upwelling and lithosphere rejuvenation beneath the Hoggar swell (Algeria): Evidence from HIMU metasomatised lherzolite mantle xenoliths. Earth and Planetary Science Letters, 2007, 260, 482-494.	1.8	56
16	Multistage evolution of the European lithospheric mantle: new evidence from Sardinian peridotite xenoliths. Contributions To Mineralogy and Petrology, 2001, 142, 284-297.	1.2	54
17	The Po river water from the Alps to the Adriatic Sea (Italy): new insights from geochemical and isotopic (Î´18O-Î´D) data. Environmental Science and Pollution Research, 2015, 22, 5184-5203.	2.7	50
18	Rhyolites associated to Ethiopian CFB: Clues for initial rifting at the Afar plume axis. Earth and Planetary Science Letters, 2011, 312, 59-68.	1.8	46

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19	Heavy metals in soils and sedimentary deposits of the Padanian Plain (Ferrara, Northern Italy): characterisation and biomonitoring. Journal of Soils and Sediments, 2012, 12, 1145-1153.	1.5	43
20	The alkaline-carbonatite complex of Jacupiranga (Brazil): Magma genesis and mode of emplacement. Gondwana Research, 2017, 44, 157-177.	3.0	39
21	Helium and argon isotopic compositions of mantle xenoliths from Tallante and Calatrava, Spain. Journal of Volcanology and Geothermal Research, 2011, 200, 18-26.	0.8	37
22	Geodynamic control on orogenic and anorogenic magmatic phases in Sardinia and Southern Spain: Inferences for the Cenozoic evolution of the western Mediterranean. Lithos, 2011, 123, 218-224.	0.6	37
23	Mantle xenoliths from Tallante (Betic Cordillera): Insights into the multi-stage evolution of the south Iberian lithosphere. Lithos, 2011, 124, 308-318.	0.6	34
24	Alpine subduction imprint in Apennine volcaniclastic rocks. Geochemicalâ€“petrographic constraints and geodynamic implications from Early Oligocene Aveto-Petrignacola Formation (N Italy). Lithos, 2012, 134-135, 201-220.	0.6	33
25	Mantle dynamics and secular variations beneath the East African Rift: Insights from peridotite xenoliths (Mega, Ethiopia). Chemical Geology, 2014, 386, 49-58.	1.4	33
26	High-MgO lavas associated to CFB as indicators of plume-related thermochemical effects: The case of ultra-titaniferous picriteâ€“basalt from the Northern Ethiopianâ€“Yemeni Plateau. Gondwana Research, 2016, 34, 29-48.	3.0	32
27	Petrogenesis of mafic lavas from the northernmost sector of the Iblean district (Sicily). European Journal of Mineralogy, 1998, 10, 301-316.	0.4	32
28	Hydrochemistry of the high-boron groundwaters of the Cornia aquifer (Tuscany, Italy). Geothermics, 2005, 34, 297-319.	1.5	31
29	The Betic Ophiolites and the Mesozoic Evolution of the Western Tethys. Geosciences (Switzerland), 2017, 7, 31.	1.0	31
30	Miocene shoshonite volcanism in Sardinia: Implications for magma sources and geodynamic evolution of the central-western Mediterranean. Lithos, 2013, 180-181, 128-137.	0.6	30
31	New insights on mobility and bioavailability of heavy metals in soils of the Padanian alluvial plain (Ferrara Province, northern Italy). Chemie Der Erde, 2014, 74, 615-623.	0.8	29
32	Geochemical characterization and biomonitoring of reclaimed soils in the Po River Delta (Northern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 186, 2925-2940.	1.3	27
33	Mantle metasomatism by melts of HIMU piclogite components: new insights from Fe-lherzolite xenoliths (Calatrava Volcanic District, central Spain). Geological Society Special Publication, 2010, 337, 107-124.	0.8	26
34	The Axumâ€“Adwa basaltâ€“trachyte complex: a late magmatic activity at the periphery of the Afar plume. Contributions To Mineralogy and Petrology, 2013, 166, 351-370.	1.2	26
35	The dynamics of central Main Ethiopian Rift waters: Evidence from Î´D, Î´18O and 87Sr/86Sr ratios. Applied Geochemistry, 2010, 25, 1860-1871.	1.4	25
36	Lithospheric mantle evolution in the Afro-Arabian domain: Insights from Bir Ali mantle xenoliths (Yemen). Tectonophysics, 2015, 650, 3-17.	0.9	25

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37	Extremely dry and warm conditions in northern Italy during the year 2015: effects on the Po river water. Rendiconti Lincei, 2017, 28, 281-290.	1.0	25
38	Chemical and mineralogical characterisation of historic mortars in Ferrara (northeast Italy). Cement and Concrete Research, 2004, 34, 1471-1475.	4.6	24
39	The role of HIMU metasomatic components in the North African lithospheric mantle: petrological evidence from the Gharyan lherzolite xenoliths, NW Libya. Geological Society Special Publication, 2008, 293, 253-277.	0.8	23
40	Chemical and isotopic (B, Sr) composition of alluvial sediments as archive of a past hydrothermal outflow. Chemical Geology, 2009, 266, 114-125.	1.4	23
41	Heavy oxygen recycled into the lithospheric mantle. Scientific Reports, 2019, 9, 8793.	1.6	23
42	Comparative study of ultramafic xenoliths and associated lavas from South-Eastern Sicily: nature of the lithospheric mantle and insights on magma genesis. Mineralogy and Petrology, 2010, 98, 111-121.	0.4	22
43	Thermally based isotopic speciation of carbon in complex matrices: a tool for environmental investigation. Environmental Science and Pollution Research, 2015, 22, 12162-12173.	2.7	22
44	Origin of Fluoride and Arsenic in the Main Ethiopian Rift Waters. Minerals (Basel, Switzerland), 2020, 10, 453.	0.8	22
45	Column Elution Experiments on Volcanic Ash: Geochemical Implications for the Main Ethiopian Rift Waters. Water, Air, and Soil Pollution, 2010, 208, 221-233.	1.1	21
46	Multiproxy investigation of a Holocene sedimentary sequence near Ferrara (Italy): clues on the physiographic evolution of the eastern Padanian Plain. Journal of Soils and Sediments, 2014, 14, 230-242.	1.5	21
47	Peridotite xenoliths from Ethiopia: Inferences about mantle processes from plume to rift settings. , 2011, , .		20
48	Coexistence of alkaline-carbonatite complexes and high-MgO CFB in the ParanÃ-Etendeka province: Insights on plume-lithosphere interactions in the Gondwana realm. Lithos, 2018, 296-299, 54-66.	0.6	20
49	Combination of wavelength dispersive X-ray fluorescence analysis and multivariate statistic for alluvial soils classification: a case study from the Padanian Plain (Northern Italy). X-Ray Spectrometry, 2014, 43, 165-174.	0.9	18
50	C-N elemental and isotopic investigation in agricultural soils: Insights on the effects of zeolitite amendments. Chemie Der Erde, 2017, 77, 45-52.	0.8	17
51	Natural vs anthropogenic components in sediments from the Po River delta coastal lagoons (NE Italy). Environmental Science and Pollution Research, 2018, 25, 2981-2991.	2.7	17
52	Carbonated alkali-silicate metasomatism in the North Africa lithosphere: Evidence from Middle Atlas spinel-lherzolites, Morocco. Journal of South American Earth Sciences, 2013, 41, 113-121.	0.6	16
53	Natural and anthropogenic variations in the Po river waters (northern Italy): insights from a multi-isotope approach. Isotopes in Environmental and Health Studies, 2016, 52, 649-672.	0.5	16
54	Metasedimentary and igneous xenoliths from Tallante (Betic Cordillera, Spain): Inferences on crustâ€“mantle interactions and clues for post-collisional volcanism magma sources. Lithos, 2015, 220-223, 191-199.	0.6	15

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55	Intraplate lithospheric and sublithospheric components in the Adriatic domain: Nephelinite to tholeiite magma generation in the Paleogene Veneto volcanic province, southern Alps. , 2007, , .		14
56	The Po River Water Isotopes during the Drought Condition of the Year 2017. Water (Switzerland), 2019, 11, 150.	1.2	14
57	Soil Carbon Investigation in Three Pedoclimatic and Agronomic Settings of Northern Italy. Sustainability, 2020, 12, 10539.	1.6	14
58	Chemical Characterisation of Construction and Demolition Waste in Skopje City and Its Surroundings (Republic of Macedonia). Sustainability, 2020, 12, 2055.	1.6	14
59	Chemical-mineralogical characterization of historical bricks from Ferrara: an integrated bulk and micro-analytical approach. Geological Society Special Publication, 2006, 257, 127-140.	0.8	13
60	Petrogenesis of Mediterranean lamproites and associated rocks: The role of overprinted metasomatic events in the post-collisional lithospheric upper mantle. Geological Society Special Publication, 2022, 513, 271-296.	0.8	13
61	Subduction-related hybridization of the lithospheric mantle revealed by trace element and Sr-Nd-Pb isotopic data in composite xenoliths from Tallante (Betic Cordillera, Spain). Lithos, 2020, 352-353, 105316.	0.6	12
62	Multidisciplinary study of a Lateglacial-Holocene sedimentary sequence near Bologna (Italy): insights on natural and anthropogenic impacts on the landscape dynamics. Journal of Soils and Sediments, 2016, 16, 645-662.	1.5	11
63	Headwatersâ€™ Isotopic Signature as a Tracer of Stream Origins and Climatic Anomalies: Evidence from the Italian Alps in Summer 2018. Water (Switzerland), 2020, 12, 390.	1.2	11
64	Traceability and Authentication of Manila Clams from North-Western Adriatic Lagoons Using C and N Stable Isotope Analysis. Molecules, 2021, 26, 1859.	1.7	11
65	Soil Quality and Organic Matter Pools in a Temperate Climate (Northern Italy) under Different Land Uses. Agronomy, 2021, 11, 1815.	1.3	10
66	Geochemical and isotopic analyses on the Po delta water: insights to understand a complex riverine ecosystem. Rendiconti Lincei, 2016, 27, 83-88.	1.0	9
67	Basic Dykes Crosscutting the Crystalline Basement of Valsugana (Italy): New Evidence of Early Triassic Volcanism in the Southern Alps. Tectonics, 2018, 37, 2080-2093.	1.3	9
68	Soil Biochemical Indicators and Biological Fertility in Agricultural Soils: A Case Study from Northern Italy. Minerals (Basel, Switzerland), 2021, 11, 219.	0.8	9
69	A preliminary note on carbon and nitrogen elemental and isotopic composition of Po River suspended load. Rendiconti Lincei, 2016, 27, 89-93.	1.0	8
70	Hydrogeological and geochemical characterization of groundwater in the F'Kirina plain (eastern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	1.4	7
71	Comments on the paper â€œA crustalâ€“upper mantle model for southeastern Sicily (Italy) from the integration of petrologic and geophysical dataâ€•by Manuella et al. (2013). Journal of Geodynamics, 2013, 70, 58-60.	0.7	6
72	Crustal xenoliths from Tallante (Betic Cordillera, Spain): insights into the crustâ€“mantle boundary. Geological Magazine, 2013, 150, 952-958.	0.9	6

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73	Waterâ€“Rock Interaction and Lake Hydrochemistry in the Main Ethiopian Rift. World Geomorphological Landscapes, 2015, , 307-321.	0.1	5
74	Peat Soil Burning in the Mezzano Lowland (Po Plain, Italy): Triggering Mechanisms and Environmental Consequences. GeoHealth, 2021, 5, e2021GH000444.	1.9	5
75	Comment on Manuella et al. â€œThe Hyblean xenolith suite (Sicily): an unexpected legacy of the Ionianâ€“Tethys realmâ€: International Journal of Earth Sciences, 2015, 104, 1679-1684.	0.9	4
76	Petrogenesis and geodynamic control of intraplate Cenozoic volcanism in Italy. Journal of the Virtual Explorer, 0, 36, .	0.0	2
77	Assessment of heavy metal bioaccumulation in sorghum from neutral saline soils in the Po River Delta Plain (Northern Italy). Environmental Earth Sciences, 2017, 76, 1.	1.3	1
78	Petrographic and mineral-glass chemical dataset of igneous rock clasts from Early Oligocene Aveto-Petrignacola Formation (Northern Italy). Data in Brief, 2020, 31, 106015.	0.5	0
79	The Isotopic (Î´18O, Î´2H, Î´13C, Î´15N, Î´34S, 87Sr/86Sr, Î´11B) Composition of Adige River Water Records Natural and Anthropogenic Processes. Minerals (Basel, Switzerland), 2020, 10, 455.	0.8	0