

# Lorenzo Fedele

## List of Publications by Year in descending order

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37  
papers

1,255  
citations

394421

19  
h-index

395702

33  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1295  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Empirical Model for Predicting Diffusion Coefficients in Silicate Minerals. <i>Science</i> , 1989, 245, 1481-1484.	12.6	188
2	The Breccia Museo formation, Campi Flegrei, southern Italy: geochronology, chemostratigraphy and relationship with the Campanian Ignimbrite eruption. <i>Bulletin of Volcanology</i> , 2008, 70, 1189-1219.	3.0	107
3	Beginning of the Apennine subduction system in central western Mediterranean: Constraints from Cenozoic orogenic magmatic activity of Sardinia, Italy. <i>Tectonics</i> , 2009, 28, .	2.8	96
4	Evidence of crystallization in residual, Cl-F-rich, apatitic, trachyphonolitic magmas and primitive Mg-rich basalt-trachyphonolite interaction in the lava domes of the Phlegrean Fields (Italy). <i>Geological Magazine</i> , 2012, 149, 532-550.	1.5	81
5	Volatile Evolution of Magma Associated with the Solchiaro Eruption in the Phlegrean Volcanic District (Italy). <i>Journal of Petrology</i> , 2011, 52, 2431-2460.	2.8	68
6	<sup>40</sup> Ar/ <sup>39</sup> Ar dating of tuff vents in the Campi Flegrei caldera (southern Italy): toward a new chronostratigraphic reconstruction of the Holocene volcanic activity. <i>Bulletin of Volcanology</i> , 2011, 73, 1323-1336.	3.0	56
7	Geochemistry of melt inclusions from the Fondo Riccio and Minopoli 1 eruptions at Campi Flegrei (Italy). <i>Chemical Geology</i> , 2007, 237, 418-432.	3.3	54
8	Clinopyroxene/liquid trace element partitioning in natural trachyte-trachyphonolite systems: insights from Campi Flegrei (southern Italy). <i>Contributions To Mineralogy and Petrology</i> , 2009, 158, 337-356.	3.1	51
9	Origin and evolution of Cenozoic magmatism of Sardinia (Italy). A combined isotopic (Sr-Nd-Pb-Os) and petrological view. <i>Lithos</i> , 2013, 180-181, 138-158.	1.4	51
10	Urban geology: relationships between geological setting and architectural heritage of the Neapolitan area. <i>Journal of the Virtual Explorer</i> , 0, 36, .	0.0	47
11	Trace-element partitioning between plagioclase, alkali feldspar, Ti-magnetite, biotite, apatite, and evolved potassic liquids from Campi Flegrei (Southern Italy). <i>American Mineralogist</i> , 2015, 100, 233-249.	1.9	44
12	The transition between orogenic and anorogenic magmatism in the western Mediterranean area: the Middle Miocene volcanic rocks of Isola del Toro (SW Sardinia, Italy). <i>Terra Nova</i> , 2007, 19, 148-159.	2.1	38
13	The evolution of the footwall to the Ronda subcontinental mantle peridotites: insights from the Nieves Unit (western Betic Cordillera). <i>Journal of the Geological Society</i> , 2013, 170, 385-402.	2.1	37
14	Structural, stratigraphic, and petrological clues for a Cretaceous-Paleogene abortive rift in the southern Adria domain (southern Apennines, Italy). <i>Geological Journal</i> , 2018, 53, 660-681.	1.3	36
15	Structural and petrological analyses of the Frido Unit (southern Italy): New insights into the early tectonic evolution of the southern Apennines-Calabrian Arc system. <i>Lithos</i> , 2013, 168-169, 219-235.	1.4	33
16	A chemostratigraphic study of the Campanian Ignimbrite eruption (Campi Flegrei, Italy): Insights on magma chamber withdrawal and deposit accumulation as revealed by compositionally zoned stratigraphic and facies framework. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 324, 105-117.	2.1	30
17	Exotic lamproites or normal ultrapotassic rocks? The Late Miocene volcanic rocks from Kef Hahouner, NE Algeria, in the frame of the circum-Mediterranean lamproites. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 327, 539-553.	2.1	23
18	The Ligurian oceanic successions in southern Italy: The key to decrypting the first orogenic stages of the southern Apennines-Calabria chain system. <i>Tectonophysics</i> , 2019, 750, 243-261.	2.2	23

#	ARTICLE	IF	CITATIONS
19	Timescales of magmatic processes prior to the $\sim 4.7$ ka Agnano-Monte Spina eruption (Campi Flegrei). <i>Journal of Volcanology and Geothermal Research</i> , 2017, 79, 1.	1.0784314	22
20	Evidence for Holocene uplift at Somma-Vesuvius. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 184, 451-461.	2.1	20
21	Explosive activity of the last 1000 years at La Soufrière, St Vincent, Lesser Antilles. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 371, 86-100.	2.1	20
22	Leucitites within and around the Mediterranean area. <i>Lithos</i> , 2019, 324-325, 216-233.	1.4	17
23	Chapter 6 The Late-Holocene evolution of the Miseno area (south-western Campi Flegrei) as inferred by stratigraphy, petrochemistry and $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. <i>Developments in Volcanology</i> , 2006, 97-124.	0.5	15
24	Quaternary Melanephelinites and Melilitites from Nowbaran (NW Urumieh-Dokhtar Magmatic Arc). <i>Journal of Petrology</i> , 2010, 51, 62.	2.8	15
25	Eocene-Miocene igneous activity in Provence (SE France): $^{40}\text{Ar}/^{39}\text{Ar}$ data, geochemical-petrological constraints and geodynamic implications. <i>Lithos</i> , 2017, 288-289, 72-90.	1.4	14
26	Petrogenesis and deformation history of the lawsonite-bearing blueschist facies metabasalts of the Diamante-Terranova oceanic unit (southern Italy). <i>Journal of Metamorphic Geology</i> , 2018, 36, 691-714.	3.4	13
27	Post-collisional magmatism in the Late Miocene Rodna-Bărgău district (East Carpathians, Romania): Geochemical constraints and petrogenetic models. <i>Lithos</i> , 2016, 266-267, 367-382.	1.4	11
28	Petrogenesis of the Solanas gabbro-granodiorite intrusion, S'arrabus (southeastern Sardinia, Italy): implications for Late Variscan magmatism. <i>International Journal of Earth Sciences</i> , 2019, 108, 989-1012.	1.8	10
29	Petrological insights on the last 1000 years of explosive activity at La Soufrière volcano, St. Vincent (Lesser Antilles). <i>Lithos</i> , 2021, 392-393, 106150.	1.4	8
30	A roadmap for amphibious drilling at the Campi Flegrei caldera: insights from a MagellanPlus workshop. <i>Scientific Drilling</i> , 0, 26, 29-46.	0.6	6
31	Ground movement at Somma-Vesuvius from Last Glacial Maximum. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 211-212, 24-35.	2.1	5
32	A showcase of igneous processes in the Urumieh-Dokhtar Magmatic Arc: the Miocene-Quaternary collisional magmatism of the Bijar-Qorveh area, northwest Iran. <i>Journal of Petrology</i> , 0, .	2.8	5
33	Reply to the comment on the article $^{40}\text{Ar}/^{39}\text{Ar}$ dating of tuff vents in the Campi Flegrei caldera (southern Italy): toward a new chronostratigraphic reconstruction of the Holocene volcanic activity by Isaia et al.. <i>Bulletin of Volcanology</i> , 2012, 74, 297-299.	3.0	4
34	Characterization of building materials from the Anfiteatro Flavio (Pozzuoli, southern Italy): a mineralogical and petrographic study. <i>Italian Journal of Geosciences</i> , 2019, 138, 1-16.	0.8	4
35	Fault rocks within the blueschist metabasalts of the Diamante-Terranova unit (southern Italy): potential fossil record of intermediate-depth subduction earthquakes. <i>Geological Magazine</i> , 2019, 156, 1771-1782.	1.5	2
36	Evidence of crystallization in residual, F-rich, agpaite, trachyphonolitic magmas and primitive Mg-rich basalt-trachyphonolite interaction in the lava domes of the Phlegrean Fields (Italy) CORRIGENDUM. <i>Geological Magazine</i> , 2012, 149, 551-551.	1.5	0

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37	Petrochemical characterization of the upper Miocene Rodna-Bărgău subvolcanic district (Eastern Tj ETQq1 1 0.784314 rgBT /Over	0.3	0