

# Sandro Conticelli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6799711/publications.pdf>

Version: 2024-02-01

95  
papers

4,712  
citations

94433

37  
h-index

102487

66  
g-index

100  
all docs

100  
docs citations

100  
times ranked

2839  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analogue modelling of continental extension: a review focused on the relations between the patterns of deformation and the presence of magma. <i>Earth-Science Reviews</i> , 2003, 63, 169-247.	9.1	291
2	Petrology and geochemistry of potassic and ultrapotassic volcanism in central Italy: petrogenesis and inferences on the evolution of the mantle sources. <i>Lithos</i> , 1992, 28, 221-240.	1.4	267
3	Trace elements and Sr-Nd-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. <i>Lithos</i> , 2009, 107, 68-92.	1.4	267
4	Mediterranean Tertiary lamproites derived from multiple source components in postcollisional geodynamics. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 2125-2156.	3.9	230
5	Source contamination and mantle heterogeneity in the genesis of Italian potassic and ultrapotassic volcanic rocks: Sr-Nd-Pb isotope data from Roman Province and Southern Tuscany. <i>Mineralogy and Petrology</i> , 2002, 74, 189-222.	1.1	186
6	Potassic and ultrapotassic magmatism in the circum-Tyrrhenian region: Significance of carbonated pelitic vs. pelitic sediment recycling at destructive plate margins. <i>Lithos</i> , 2009, 113, 213-227.	1.4	180
7	The effect of crustal contamination on ultrapotassic magmas with lamproitic affinity: mineralogical, geochemical and isotope data from the Torre Alfina lavas and xenoliths, Central Italy. <i>Chemical Geology</i> , 1998, 149, 51-81.	3.3	134
8	The volcanic activity of Stromboli in the 1906-1998 AD period: mineralogical, geochemical and isotope data relevant to the understanding of the plumbing system. <i>Journal of Volcanology and Geothermal Research</i> , 2004, 131, 179-211.	2.1	131
9	The Th/La and Sm/La conundrum of the Tethyan realm lamproites. <i>Earth and Planetary Science Letters</i> , 2011, 301, 469-478.	4.4	129
10	Isotope geochemistry (Sr-Nd-Pb) and petrogenesis of leucite-bearing volcanic rocks from the Colli Albani volcano, Roman Magmatic Province, Central Italy: inferences on volcano evolution and magma genesis. <i>Bulletin of Volcanology</i> , 2009, 71, 977-1005.	3.0	118
11	Late Miocene volcanism and intra-arc tectonics during the early development of the Trans-Mexican Volcanic Belt. <i>Tectonophysics</i> , 2000, 318, 161-185.	2.2	117
12	Sr isotope evidence for short magma residence time for the 20th century activity at Stromboli volcano, Italy. <i>Earth and Planetary Science Letters</i> , 1999, 167, 61-69.	4.4	108
13	Evolution and Genesis of Magmas from Vico Volcano, Central Italy: Multiple Differentiation Pathways and Variable Parental Magmas. <i>Journal of Petrology</i> , 2004, 45, 139-182.	2.8	107
14	Constraints on the Genesis of Potassium-rich Italian Volcanic Rocks from U/Th Disequilibrium. <i>Journal of Petrology</i> , 2007, 49, 195-223.	2.8	102
15	Shoshonite and sub-alkaline magmas from an ultrapotassic volcano: Sr-Nd-Pb isotope data on the Roccamonfina volcanic rocks, Roman Magmatic Province, Southern Italy. <i>Contributions To Mineralogy and Petrology</i> , 2009, 157, 41-63.	3.1	96
16	The role of carbon from recycled sediments in the origin of ultrapotassic igneous rocks in the Central Mediterranean. <i>Lithos</i> , 2015, 232, 174-196.	1.4	92
17	Petrology and geochemistry of the ultrapotassic rocks from the Sabatini Volcanic District, central Italy: the role of evolutionary processes in the genesis of variably enriched alkaline magmas. <i>Journal of Volcanology and Geothermal Research</i> , 1997, 75, 107-136.	2.1	91
18	Intra-Grain Sr Isotope Evidence for Crystal Recycling and Multiple Magma Reservoirs in the Recent Activity of Stromboli Volcano, Southern Italy. <i>Journal of Petrology</i> , 2005, 46, 1997-2021.	2.8	90

#	ARTICLE	IF	CITATIONS
19	Low Ni olivine in silica-undersaturated ultrapotassic igneous rocks as evidence for carbonate metasomatism in the mantle. <i>Earth and Planetary Science Letters</i> , 2016, 444, 64-74.	4.4	86
20	Crystallisation and genesis of peralkaline magmas from Pantelleria Volcano, Italy: an integrated petrological and crystal-chemical study. <i>Lithos</i> , 2004, 73, 41-69.	1.4	84
21	Hf isotope compositions of Mediterranean lamproites: Mixing of melts from asthenosphere and crustally contaminated mantle lithosphere. <i>Lithos</i> , 2010, 119, 297-312.	1.4	83
22	High-Precision $^{87}\text{Sr}/^{86}\text{Sr}$ Analyses in Wines and Their Use as a Geological Fingerprint for Tracing Geographic Provenance. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 6822-6831.	5.2	77
23	Transition from Ultrapotassic Kamafugitic to Sub-alkaline Magmas: Sr, Nd, and Pb Isotope, Trace Element and $^{40}\text{Ar}/^{39}\text{Ar}$ Age Data from the Middle Latin Valley Volcanic Field, Roman Magmatic Province, Central Italy. <i>Journal of Petrology</i> , 2009, 50, 1327-1357.	2.8	70
24	Unusual coexistence of subduction-related and intraplate-type magmatism: Sr, Nd and Pb isotope and trace element data from the magmatism of the San Pedro-Ceboruco graben (Nayarit, Mexico). <i>Chemical Geology</i> , 2003, 193, 1-24.	3.3	66
25	Shift from lamproite-like to leucititic rocks: Sr-Nd-Pb isotope data from the Monte Cimino volcanic complex vs. the Vico stratovolcano, Central Italy. <i>Chemical Geology</i> , 2013, 353, 246-266.	3.3	62
26	Mineralogy, geochemistry and Sr-isotopes in orendites from South Tuscany, Italy: constraints on their genesis and evolution.. <i>European Journal of Mineralogy</i> , 1992, 4, 1359-1376.	1.3	62
27	Petrological significance of high-pressure ultramafic xenoliths from ultrapotassic rocks of Central Italy. <i>Lithos</i> , 1990, 24, 305-322.	1.4	55
28	Geochemistry of granitic rocks from the Hercynian Sardinia-Corsica batholith: Implication for magma genesis. <i>Lithos</i> , 1989, 23, 247-266.	1.4	54
29	Conservation of $^{87}\text{Sr}/^{86}\text{Sr}$ isotopic ratios during the winemaking processes of $\text{Red}^{\text{TM}}$ wines to validate their use as geographic tracer. <i>Food Chemistry</i> , 2016, 190, 777-785.	8.2	53
30	The origin of K-feldspar megacrysts hosted in alkaline potassic rocks from central Italy: a track for low-pressure processes in mafic magmas. <i>Lithos</i> , 2003, 66, 223-240.	1.4	48
31	Chemical and isotopic composition (Os, Pb, Nd, and Sr) of Neogene to Quaternary calc-alkalic, shoshonitic, and ultrapotassic mafic rocks from the Italian peninsula: Inferences on the nature of their mantle sources. , 2007, , .		44
32	Sr-Nd-Pb isotopes from the Radicofani Volcano, Central Italy: constraints on heterogeneities in a veined mantle responsible for the shift from ultrapotassic shoshonite to basaltic andesite magmas in a post-collisional setting. <i>Mineralogy and Petrology</i> , 2011, 103, 123-148.	1.1	44
33	Magmatism of the eastern Red Sea margin in the northern part of Yemen from Oligocene to present. <i>Tectonophysics</i> , 1991, 198, 181-202.	2.2	43
34	Petrology and mineralogy of wollastonite- and melilite-bearing paralavas from the Central Apennines, Italy. <i>American Mineralogist</i> , 2004, 88, 1287-1299.	1.9	42
35	Crystal chemistry of clinopyroxene from alkaline undersaturated rocks of the Monte Vulture Volcano, Italy. <i>Lithos</i> , 1999, 46, 259-274.	1.4	41
36	Leucite-bearing (kamafugitic/leucititic) and $\text{H}_2\text{O}$ -free (lamproitic) ultrapotassic rocks and associated shoshonites from Italy: constraints on petrogenesis and geodynamics. <i>Journal of the Virtual Explorer</i> , 0, 36, .	0.0	41

#	ARTICLE	IF	CITATIONS
37	Petrology of final-stage Latera lavas (Vulsini Mts.): Mineralogical, geochemical and Sr-isotopic data and their bearing on the genesis of some potassic magmas in central Italy. <i>Journal of Volcanology and Geothermal Research</i> , 1991, 46, 187-212.	2.1	39
38	The relationship between potassic and calc-alkaline post-orogenic magmatism at Vico volcano, central Italy. <i>Journal of Volcanology and Geothermal Research</i> , 2000, 95, 247-272.	2.1	39
39	Geology of the Monte Amiata region, Southern Tuscany, Central Italy. <i>Italian Journal of Geosciences</i> , 2015, 134, 171-199.	0.8	38
40	Geochemistry, Sr <sup>87</sup> -Nd <sup>143</sup> -Pb isotopes and geochronology of amphibole- and mica-bearing lamprophyres in northwestern Iran: Implications for mantle wedge heterogeneity in a palaeo-subduction zone. <i>Lithos</i> , 2015, 216-217, 352-369.	1.4	38
41	Crystal-chemistry of clinopyroxenes from potassic and ultrapotassic rocks in central Italy: implications on their genesis. <i>Contributions To Mineralogy and Petrology</i> , 1994, 116, 301-315.	3.1	37
42	Crystallization conditions of leucite-bearing magmas and their implications on the magmatological evolution of ultrapotassic magmas: the Vico Volcano, Central Italy. <i>Mineralogy and Petrology</i> , 2002, 74, 253-276.	1.1	36
43	Geochemistry and Sr-Nd-Pb isotopes of Monte Amiata Volcano, Central Italy: evidence for magma mixing between high-K calc-alkaline and leucitic mantle-derived magmas. <i>Italian Journal of Geosciences</i> , 2015, 134, 266-290.	0.8	35
44	MINERALOGY AND PETROLOGY OF ASSOCIATED Mg-RICH ULTRAPOTASSIC, SHOSHONITIC, AND CALC-ALKALINE ROCKS: THE MIDDLE LATIN VALLEY MONOGENETIC VOLCANOS, ROMAN MAGMATIC PROVINCE, SOUTHERN ITALY. <i>Canadian Mineralogist</i> , 2007, 45, 1443-1469.	1.0	32
45	Sub-lithospheric origin of Na-alkaline and calc-alkaline magmas in a post-collisional tectonic regime: Sr-Nd-Pb isotopes in recent monogenetic volcanism of Cappadocia, Central Turkey. <i>Lithos</i> , 2018, 316-317, 304-322.	1.4	32
46	New <sup>40</sup> Ar- <sup>39</sup> Ar dating and revision of the geochronology of the Monte Amiata Volcano, Central Italy. <i>Italian Journal of Geosciences</i> , 2015, 134, 255-265.	0.8	32
47	Ce/Mo and Molybdenum Isotope Systematics in Subduction-Related Orogenic Potassic Magmas of Central-Southern Italy. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 2753-2768.	2.5	31
48	CHARACTERIZATION OF THE AMPHORAE, STONE BALLAST AND STOWAGE MATERIALS OF THE SHIPS FROM THE ARCHAEOLOGICAL SITE OF PISA?SAN ROSSORE, ITALY: INFERENCES ON THEIR PROVENANCE AND POSSIBLE TRADING ROUTES*. <i>Archaeometry</i> , 2007, 49, 1-22.	1.3	28
49	Kirschsteinite in the Capo di Bove melilite leucitite lava (cecilite), Alban Hills, Italy. <i>Mineralogical Magazine</i> , 2010, 74, 887-902.	1.4	27
50	Volcanology and Magma Geochemistry of the Present-Day Activity: Constraints on the Feeding System. <i>Geophysical Monograph Series</i> , 0, , 19-37.	0.1	27
51	Carbon fluxes from subducted carbonates revealed by uranium excess at Mount Vesuvius, Italy. <i>Geology</i> , 2018, 46, 259-262.	4.4	27
52	The Cretaceous to Paleogene within-plate magmatism of Pachino-Capo Passero (southeastern Sicily) and Adria (La Queglia and Pietre Nere, southern Italy): geochemical and isotopic evidence against a plume-related origin of circum-Mediterranean magmas. <i>European Journal of Mineralogy</i> , 2012, 24, 73-96.	1.3	25
53	Tracing the <sup>87</sup> Sr/ <sup>86</sup> Sr from rocks and soils to vine and wine: An experimental study on geologic and pedologic characterisation of vineyards using radiogenic isotope of heavy elements. <i>Science of the Total Environment</i> , 2018, 628-629, 1317-1327.	8.0	25
54	Insights into magmatic evolution and recharge history in Capraia Volcano (Italy) from chemical and isotopic zoning in plagioclase phenocrysts. <i>Journal of Volcanology and Geothermal Research</i> , 2007, 168, 28-54.	2.1	23

#	ARTICLE	IF	CITATIONS
55	Heavy oxygen recycled into the lithospheric mantle. <i>Scientific Reports</i> , 2019, 9, 8793.	3.3	23
56	<sup>87</sup> Sr/ <sup>86</sup> Sr isotopes in grapes of different cultivars: A geochemical tool for geographic traceability of agriculture products. <i>Food Chemistry</i> , 2018, 258, 374-380.	8.2	20
57	A Comparative <sup>87</sup> Sr/ <sup>86</sup> Sr Study in Red and White Wines to Validate its Use as Geochemical Tracer for the Geographical Origin of Wine. <i>Procedia Earth and Planetary Science</i> , 2015, 13, 169-172.	0.6	17
58	Geochemistry, isotopes and mineral chemistry of the Colli Albani volcanic rocks: constraints on magma genesis and evolution. , 0, , 107-139.		17
59	The Ethiopian subcontinental mantle domains: geochemical evidence from Cenozoic mafic lavas. <i>Mineralogy and Petrology</i> , 2005, 84, 259-281.	1.1	16
60	Geochronology, Geochemistry and Geodynamics of the Cabo de Gata volcanic zone, Southeastern Spain. <i>Italian Journal of Geosciences</i> , 2014, 133, 341-361.	0.8	16
61	Hyaloclastite fragmentation below the glass transition: An example from El Barronal submarine volcanic complex (Spain). <i>Geology</i> , 2014, 42, 87-90.	4.4	16
62	Geochemical and radiogenic isotope probes of Ischia volcano, Southern Italy: Constraints on magma chamber dynamics and residence time. <i>American Mineralogist</i> , 2017, 102, 262-274.	1.9	15
63	Experimental study on a basanite from the McMurdo Volcanic Group, Antarctica: inference on its mantle source. <i>Antarctic Science</i> , 2000, 12, 105-116.	0.9	13
64	Cyclic growth and mass wasting of submarine Los Frailes lava flow and dome complex in Cabo de Gata, SE Spain. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 231-232, 72-86.	2.1	13
65	Petrogenesis of Mediterranean lamproites and associated rocks: The role of overprinted metasomatic events in the post-collisional lithospheric upper mantle. <i>Geological Society Special Publication</i> , 2022, 513, 271-296.	1.3	13
66	Oligo-Miocene A-type granites and granophyres from Yemen: isotopic and trace-element constraints bearing on their genesis. <i>European Journal of Mineralogy</i> , 1994, 6, 571-590.	1.3	13
67	A carbon-rich lithospheric mantle as a source for the large CO <sub>2</sub> emissions of Etna volcano (Italy). <i>Geology</i> , 2022, 50, 486-490.	4.4	13
68	Jabal an Nar: An upper miocene volcanic centre near Al Mukha (Yemen Arab Republic). <i>Journal of Volcanology and Geothermal Research</i> , 1987, 31, 345-351.	2.1	12
69	REPLY TO CAPITANIO 2005: Mineralogic and bulk rock composition of Italian wollastonite- and melilite-bearing paralava and clinker: Further evidence of their pyrometamorphic nature. <i>American Mineralogist</i> , 2005, 90, 1940-1944.	1.9	12
70	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). <i>Lithos</i> , 2020, 352-353, 105316.	1.4	12
71	The KLOE drift chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 461, 25-28.	1.6	11
72	REPLY TO STOPPA ET AL. 2005: Wollastonite- anorthite- gehlenite-, and fassaite-bearing rocks: Igneous petrological oddity or paralavas?. <i>American Mineralogist</i> , 2005, 90, 1926-1933.	1.9	10

#	ARTICLE	IF	CITATIONS
73	Calibration and reconstruction performances of the KLOE electromagnetic calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 461, 344-347.	1.6	9
74	A heterogeneous subcontinental mantle under the African–Arabian Plate boundary revealed by boron and radiogenic isotopes. Scientific Reports, 2021, 11, 11230.	3.3	9
75	Structural and chemical variations in phlogopite from lamproitic rocks of the Central Mediterranean region. Lithos, 2017, 286-287, 191-205.	1.4	8
76	Conservation of $^{87}\text{Sr}/^{86}\text{Sr}$ During Wine-Making of White Wines: A Geochemical Fingerprint of Geographical Provenance and Quality Production. Frontiers in Environmental Science, 2020, 8, .	3.3	7
77	From subduction to strike slip-related volcanism: insights from Sr, Nd, and Pb isotopes and geochronology of lavas from Sivas–Malatya region, Central Eastern Anatolia. International Journal of Earth Sciences, 2021, 110, 849-874.	1.8	7
78	The Tyrrhenian margin geological setting: from the Apennine orogeny to the K-rich volcanism. , 0, , 7-27.		7
79	From vine to wine: Data on $^{87}\text{Sr}/^{86}\text{Sr}$ from rocks and soils as a geologic and pedologic characterisation of vineyards. Data in Brief, 2018, 18, 731-735.	1.0	6
80	High-Nb hawaiite–mugearite and high-Mg calc-alkaline lavas from northeastern Iran: Oligo-Miocene melts from modified mantle wedge. International Geology Review, 2019, 61, 150-174.	2.1	5
81	Strontium Isotopes in Biological Material: A Key Tool for the Geographic Traceability of Foods and Humans Beings. , 2018, , 145-166.		5
82	The KLOE drift chamber VCI 2001. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 478, 138-141.	1.6	4
83	Geochronology and Geochemistry of the Karadaban Bimodal Volcanic Rocks in the Altyn Area, Xinjiang: Implications for the Tectonic Evolution of the Altyn Ocean. Geofluids, 2019, 2019, 1-25.	0.7	4
84	The Vesuvius and the other volcanoes of Central Italy. Geological Field Trips, 2017, 9, 1-158.	0.5	4
85	Inverse modelling to unravel the radiogenic isotope signature of mantle sources from evolved magmas: the case-study of Ischia volcano. Italian Journal of Geosciences, 2018, 137, 420-432.	0.8	3
86	High-Precision In Situ $^{87}\text{Sr}/^{86}\text{Sr}$ Analyses through Microsampling on Solid Samples: Applications to Earth and Life Sciences. Journal of Analytical Methods in Chemistry, 2018, 2018, 1-20.	1.6	3
87	The KLOE trigger system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 461, 465-469.	1.6	2
88	Comment on: Borgia, A., Mazzoldi, A., Brunori, C.A., Allocca, C., Delcroix, C., Micheli, L., Vercellino, A., Grieco, G., 2014. Volcanic spreading forcing and feedback in geothermal reservoir development, Amiata Volcano, Italia. J. Volc. Geoth. Res. 284, 16–31. Journal of Volcanology and Geothermal Research, 2015, 303, 1-6.	2.1	2
89	The San Pedro–Cerro Grande volcanic complex (Nayarit, México): Inferences on volcanology and magma evolution. , 2006, , .		1
90	Sr Isotopic Ratios of two Magmatic Series Unraveling the Role of Crustal Contamination in NW Firoozeh, NE Iran. Procedia Earth and Planetary Science, 2015, 13, 287-290.	0.6	1

#	ARTICLE	IF	CITATIONS
91	Status of the KLOE experiment at the $\tilde{A}$ -factory DAΦNE. Nuclear Physics, Section B, Proceedings Supplements, 1998, 66, 478-481.	0.4	0
92	Editorial: Biogeosciences and Wine: The Management and Environmental Processes That Regulate the Terroir Effect in Space and Time. Frontiers in Environmental Science, 2021, 9, .	3.3	0
93	Introduction to the Special Section in "Geodynamics, Crustal and Lithospheric Tectonics, and Active Deformation in the Mediterranean Regions" (A Tribute to Prof. Renato Funicello). Tectonics, 2021, 40, e2021TC006939.	2.8	0
94	Editorial - Consolidating the new deal of the Italian Journal of Geosciences. Italian Journal of Geosciences, 2013, , 3-3.	0.8	0
95	The Italian Journal of Geosciences is increasing its appeal among Geoscientists. Italian Journal of Geosciences, 2014, 133, 3-4.	0.8	0