Carmine apollaro

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Characterisation of archaeological mortars and plasters from kyme (Turkey). Journal of Archaeological Science, 2011, 38, 794-804.	2.4	54
2	The Small Spring Method (SSM) for the definition of stable isotope–elevation relationships in Northern Calabria (Southern Italy). Applied Geochemistry, 2015, 63, 333-346.	3.0	51
3	Characterization of granitoid profiles in the Sila Massif (Calabria, southern Italy) and reconstruction of weathering processes by mineralogy, chemistry, and reaction path modeling. Journal of Soils and Sediments, 2015, 15, 1351-1372.	3.0	51
4	Investigation of rock-to-water release and fate of major, minor, and trace elements in the metabasalt–serpentinite shallow aquifer of Mt. Reventino (CZ, Italy) by reaction path modelling. Applied Geochemistry, 2011, 26, 1722-1740.	3.0	49
5	Effects of source rocks, soil features and climate on natural gamma radioactivity in the Crati valley (Calabria, Southern Italy). Chemosphere, 2016, 150, 97-108.	8.2	48
6	Release and fate of Cr(VI) in the ophiolitic aquifers of Italy: the role of Fe(III) as a potential oxidant of Cr(III) supported by reaction path modelling. Science of the Total Environment, 2019, 660, 1459-1471.	8.0	44
7	Volcanic soil formation in Calabria (southern Italy): The Cecita Lake geosol in the late Quaternary geomorphological evolution of the Sila uplands. Journal of Volcanology and Geothermal Research, 2008, 177, 101-117.	2.1	41
8	Asbestos and other fibrous minerals contained in the serpentinites of the Gimigliano-Mount Reventino Unit (Calabria, S-Italy). Environmental Earth Sciences, 2014, 71, 3773-3786.	2.7	40
9	Dissolution rates of actinolite and chlorite from a whole-rock experimental study of metabasalt dissolution from 2 ≤H ≤12 at 25 °C. Chemical Geology, 2014, 390, 100-108.	3.3	39
10	Natural radioactivity levels (K, Th, U and Rn) in the Cecita Lake area (Sila Massif, Calabria, Southern) Tj ETQqO 0 (152, 145-156.) rgBT /Ov 5.1	erlock 10 Tf 5 38
11	The impact of dolomite and plagioclase weathering on the chemistry of shallow groundwaters circulating in a granodiorite-dominated catchment of the Sila Massif (Calabria, Southern Italy). Applied Geochemistry, 2009, 24, 957-979.	3.0	37
12	Use of mean residence time of water, flowrate, and equilibrium temperature indicated by water geothermometers to rank geothermal resources. Application to the thermal water circuits of Northern Calabria. Journal of Volcanology and Geothermal Research, 2016, 328, 147-158.	2.1	37
13	Chemical, isotopic and geotectonic relations of the warm and cold waters of the Galatro and Antonimina thermal areas, southern Calabria, Italy. Marine and Petroleum Geology, 2019, 109, 469-483.	3.3	37
14	The standard thermodynamic properties of vermiculites and prediction of their occurrence during water–rock interaction. Applied Geochemistry, 2013, 35, 264-278.	3.0	36
15	Chemical and isotopic characteristics of the warm and cold waters of the Luigiane Spa near Guardia Piemontese (Calabria, Italy) in a complex faulted geological framework. Applied Geochemistry, 2014, 41, 73-88.	3.0	35
16	Use of mean residence time and flowrate of thermal waters to evaluate the volume of reservoir water contributing to the natural discharge and the related geothermal reservoir volume. Application to Northern Thailand hot springs. Geothermics, 2015, 58, 62-74.	3.4	35
17	Weathering processes affecting granitoid profiles of Capo Vaticano (Calabria, southern Italy) based on petrographic, mineralogic and reaction path modelling approaches. Geological Journal, 2016, 51, 368-386.	1.3	35
18	Geochemical modeling of chromium release in natural waters and treatment by RO/NF membrane processes. Chemosphere, 2020, 254, 126696.	8.2	35

10 Neturally occurring asbectos: potential for human exposure. San Severino Lucano (Besilicita) TJ ETQq1 1 0.784314,geBT/Ovgdock 10 20 Chemical and isotopic characterization of the thermonitmeral water of Terme Sibarite springs 1.0 32 21 Hodogeochemical evolution of the termonitmeral water of Terme Sibarite springs 1.0 32 22 Modeling of the impact of dolonite and bottle dissolution on wemiculite composition in a gneissic abalow acquire of the Sila Massif (calabria, hal). Applied Geochemistry, 2013; 53, 297-311. 3.0 30 23 Redding of the impact of dolonite and bottle dissolution on wemiculite composition in a gneissic abalow acquire of the Sila Massif (calabria, hal). Applied Geochemistry, 2013; 53, 297-311. 3.0 30 24 Use of reaction path modeling to predict the chemistry of stream water and groundwater: a case study from the Flume Grande valley (Calabria, Ital). Environmental Geology, 2007; 51, 1133-1145. 1.2 28 26 Geochemical features of rocks, stream sediments, and soils of the Flume Grande Valley (Calabria, 1] ETQq0 0 0 rgB[#	Article	IF	CITATIONS
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21 Hydrogeochemical study of an ophiolitic aquifer: a case study of Lago (Southern Italy, Calabria). 2.7 32 22 Modeling of the impact of dolomite and biotite dissolution on vermiculite composition in a gnelissic analysis (Calabria, Italy). Applied Geochemistry, 2013, 35, 297-311. 3.0 30 23 Fluid geochemical biotite (Calabria, Italy). Applied Geochemistry, 2013, 35, 297-311. 3.0 30 24 Italy. Journal of Geochemical Exploration, 2020, 219, 106618. 3.2 29 24 Use of reaction path modeling to predict the chemistry of stream water and groundwater: a case study in more three Geochemical Study of Lago (Calabria, Italy). Environmental Geology, 2007, 31, 1133-1145. 1.2 28 25 Modeling seasonal variations of natural radioactivity in soils: A case study in southern Italy. Journal 1.3 28 26 Ceochemical features of rocks, stream sediments, and soils of the Flume Grande Valley (Calabria), 17 ETQq0 0 0 rgBT JOV=rocg/10 TF ST 19-33. 24 27 (Southern Italy). Marine and Petroleum Geology, 2019, 109, 740-759. 3.3 24 28 Amultidisciplinary approach for sustainable management of a complex coastal plain: The case of Sibari B.3.3 24 29 Utrus trace determination of total mercury in Italian bottled waters: Chemosphere, 2019, 219, 386-913. 8.2 22 20 R	20	Chemical and isotopic characterization of the thermomineral water of Terme Sibarite springs (Northern Calabria, Italy). Geochemical Journal, 2012, 46, 117-129.	1.0	32
22 Modeling of the impact of dolomite and biotite dissolution on vermiculite composition in a gneissic 3.0 30 23 Fluid geochemistry in a low-enthalpy geothermal field along a sector of southern Apennines chain 3.2 20 24 Use of reaction path modeling to predict the chemistry of stream water and groundwater a case study from the flume Grande valley (Calabria, Italy). Environmental Geology, 2007, 51, 1133-1145. 1.2 28 25 Modelling seasonal variations of natural radioactivity in solls: A case study in southern Italy. Journal 1.3 28 26 Ceochemical features of rocks, stream sediments, and solls of the Flume Grande Valley (Calabria,)Tj ETQq0 00 rgBT_Overtocky-10 TF SC 27 (Southern Italy) by composition of total marcury in Italian bottled waters. Applied Ceochemistry, 2019, 107, a.o. 27 28 Amultidisciplinary approach for sustainable management of a complex coastal plain: The case of Sibari 3.3 24 29 Ultra-trace determination of total mercury in Italian bottled waters. Chemosphere, 2019, 219, 896 913. 8.2 22 10 31 Ceochemical, Geological and Conundwater Quality Characterization of a Complex Geological rin, 121 10 10 29 Ultra-trace determination of total mercury in Italian bottled waters. Chemosphere, 2019, 219, 896 913. 8.2 22 10 10 <td< td=""><td>21</td><td>Hydrogeochemical study of an ophiolitic aquifer: a case study of Lago (Southern Italy, Calabria). Environmental Earth Sciences, 2015, 74, 533-543.</td><td>2.7</td><td>32</td></td<>	21	Hydrogeochemical study of an ophiolitic aquifer: a case study of Lago (Southern Italy, Calabria). Environmental Earth Sciences, 2015, 74, 533-543.	2.7	32
23 Fluid geochemistry in a low-enthalpy geothermal field along a sector of southern Apennines chain 3.2 29 24 Use of reaction path modeling to predict the chemistry of stream water and groundwater: a case study from the flume Grande valley (Calabria, Italy). Environmental Geology, 2007, 51, 1133-1145. 1.2 28 25 Modelling seasonal variations of natural radioactivity in soils: A case study in southern Italy. Journal of Earth System Science, 2016, 125, 1569-1578. 1.3 26 26 Geochemical features of rocks, stream sediments, and soils of the Flume Grande Valley (Calabria), Tj ETQq0 0 or gBJ, Overlock, 10 Tf SC (Somparative geochemical study between the tap waters and the bottled mineral waters in Calabria (Southern Italy) by compositional data analysis (CoDA) developments. Applied Geochemistry, 2019, 107, 3.0 27 28 A multidisciplinary approach for sustainable management of a complex coastal plain: The case of Sibari Plain (Southern Italy). Marine and Petroleum Geology, 2019, 109, 740-759. 3.3 24 29 Ultra-trace determination of total mercury in Italian bottled waters. Chemosphere, 2019, 219, 896-913. 8.2 22 30 Replicating the chemical composition of the binder for restoration of historic mortars as an optimization problem. Computers and Concrete, 2013, 12, 553-563. 0.7 19 31 A multidisciplinary approach to investigate weathering processes affecting gneissic rocks (Calabria), Tj ETQq1 10.7363-14 regJ7 / Overtorelises of Earth Scienc	22	Modeling of the impact of dolomite and biotite dissolution on vermiculite composition in a gneissic shallow aquifer of the Sila Massif (Calabria, Italy). Applied Geochemistry, 2013, 35, 297-311.	3.0	30
24 Use of reaction path modeling to predict the chemistry of stream water and groundwater: a case study from the Flume Grande valley (Calabria, Italy). Environmental Geology, 2007, 51, 1133-1145. 1.2 28 25 Modelling seasonal variations of natural radioactivity in soils: A case study in southern Italy. Journal of Earth System Science, 2016, 125, 1569-1578. 1.3 28 26 Geochemical features of rocks, stream sediments, and soils of the Flume Grande Valley (Calabria,) TJ ETQq0 0 0 rgBJ_UVerlock, 10 TF 50 27 IS-33. 8.0 27 28 Comparative geochemical study between the tap waters and the bottled mineral waters in Calabria (Southern Italy) by compositional data analysis (CoDA) developments. Applied Geochemistry, 2019, 107, so.0 27 28 A multidisciplinary approach for sustainable management of a complex coastal plain: The case of Sibari Southern Italy). Marine and Petroleum Geology, 2019, 109, 740-759. 8.2 22 30 Replicating the chemical composition of the binder for restoration of historic mortars as an optimization problem. Computers and Concrete, 2013, 12, 553-563. 0.7 19 31 A multidisciplinary approach to investigate weathering processes affecting gnetiscic rocks (Calabria,) TJ ETQq1 1 0.784314 rgBJ / Overfor Framework. The Case Study of the Coreca Area (Calabria, South Italy). Ceosclences (Switzerland), 2021, 2.2 17 32 Geochemical, Geological and Groundwater Quality Characterization of a Complex Geological Framewor	23	Fluid geochemistry in a low-enthalpy geothermal field along a sector of southern Apennines chain (Italy). Journal of Geochemical Exploration, 2020, 219, 106618.	3.2	29
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27Comparative geochemical study between the tap waters and the bottled mineral waters in Calabria (Southern Italy) by compositional data analysis (CoDA) developments. Applied Geochemistry, 2019, 107, 19-33.3.02728A multidisciplinary approach for sustainable management of a complex coastal plain: The case of Sibari Plain (Southern Italy). Marine and Petroleum Geology, 2019, 109, 740-759.3.32429Ultra-trace determination of total mercury in Italian bottled waters. Chemosphere, 2019, 219, 896-913.8.22230Replicating the chemical composition of the binder for restoration of historic mortars as an optimization problem. Computers and Concrete, 2013, 12, 553-563.0.71931A multidisciplinary approach to investigate weathering processes affecting gneissic rocks (Calabria). Tj ETQq1 10.784314 rg JJ /Over 11, 121.2.21732Framework: The Case Study of the Coreca Area (Calabria, South Italy). Geosciences (Switzerland), 2021, 11, 121.2.21733Chemical, isotopic and geotectonic relations of the warm and cold waters of the Cotronei (Ponte) Tj ETQq0 0 0 rg BT /Over 3.41634Chemical, isotopic and geotectonic relations of the warm and cold waters of the Cotronei (Ponte) Tj ETQq0 0 0 rg BT /Over 3.41635Fluoride Polluted Groundwaters in Calabria Region (Southern Italy): Natural Source and Remediation.2.714	26	Geochemical features of rocks, stream sediments, and soils of the Fiume Grande Valley (Calabria,) Tj ETQq0 0 0 rg	BT /Over	lock 10 Tf 50
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32Geochemical, Geological and Groundwater Quality Characterization of a Complex Geological Framework: The Case Study of the Coreca Area (Calabria, South Italy). Geosciences (Switzerland), 2021, 11, 121.2.21733Chemical and minero-petrographical changes on granulite rocks affected by weathering processes. Frontiers of Earth Science, 2019, 13, 247-261.2.11634Chemical, isotopic and geotectonic relations of the warm and cold waters of the Cotronei (Ponte) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3.43.41535Fluoride Polluted Groundwaters in Calabria Region (Southern Italy): Natural Source and Remediation. Water (Switzerland), 2021, 13, 1626.2.714	31	A multidisciplinary approach to investigate weathering processes affecting gneissic rocks (Calabria,) Tj ETQq1 1 0	.784314 5.0	rgBT /Overlo
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34 Chemical, isotopic and geotectonic relations of the warm and cold waters of the Cotronei (Ponte) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3.4 15 34 102228. 35 Fluoride Polluted Groundwaters in Calabria Region (Southern Italy): Natural Source and Remediation. 2.7 14	33	Chemical and minero-petrographical changes on granulite rocks affected by weathering processes. Frontiers of Earth Science, 2019, 13, 247-261.	2.1	16
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	35	Fluoride Polluted Groundwaters in Calabria Region (Southern Italy): Natural Source and Remediation. Water (Switzerland), 2021, 13, 1626.	2.7	14

³⁶Hydrothermal Alteration of Glass to Chrysotile. Journal of the American Ceramic Society, 2012, 95,
3050-3055.3.813

#	Article	IF	CITATIONS
37	First compositional evidences on the local production of Dressel 2–4 amphorae in Calabria (Southern) Tj ETQq1 2015, 119, 1595-1608.	1 0.7843 2.3	14 rgBT /Ov 13
38	Assessment of Naturally Occurring Asbestos in the Area of Episcopia (Lucania, Southern Italy). Fibers, 2019, 7, 45.	4.0	12
39	Analysis of marble statues from the San Bruno Church (Serra San Bruno, Southern Italy): provenance and degradation. Applied Physics A: Materials Science and Processing, 2012, 106, 171-179.	2.3	11
40	Mobility of REE from a hyperacid brine to secondary minerals precipitated in a volcanic hydrothermal system: Kawah Ijen crater lake (Java, Indonesia). Science of the Total Environment, 2020, 740, 140133.	8.0	11
41	Dissolution rate of antigorite from a whole-rock experimental study of serpentinite dissolution from 2 <ph<9 2015,="" 259-271.<="" 25űc:="" 61,="" applied="" at="" carbon="" enhanced="" for="" geochemistry,="" implications="" mitigation="" serpentinite="" td="" via="" weathering.=""><td>3.0</td><td>10</td></ph<9>	3.0	10
42	Flux growth and characterization of Ti- and Ni-doped enstatite single crystals. Journal of Crystal Growth, 2011, 329, 86-91.	1.5	7
43	Effect of the interaction between transplants of the epiphytic lichen Pseudevernia furfuracea L. (Zopf) and rainfall on the variation of element concentrations associated with the water-soluble part of atmospheric depositions. Atmospheric Pollution Research, 2017, 8, 912-920.	3.8	7
44	Geochemical Modeling of Water-Rock Interaction in the Granulite Rocks of Lower Crust in the Serre Massif (Southern Calabria, Italy). Geofluids, 2019, 2019, 1-11.	0.7	7
45	Hydrostratigraphic Framework and Physicochemical Status of Groundwater in the Gioia Tauro Coastal Plain (Calabria—Southern Italy). Water (Switzerland), 2021, 13, 3279.	2.7	7
46	The Mineralogical Study of the Grotta Inferiore di Sant'Angelo (Southern Italy). Journal of Cave and Karst Studies, 2014, 76, 51-61.	0.6	6
47	Different Ground Subsidence Contributions Revealed by Integrated Discussion of Sentinel-1 Datasets, Well Discharge, Stratigraphical and Geomorphological Data: The Case of the Gioia Tauro Coastal Plain (Southern Italy). Sustainability, 2022, 14, 2926.	3.2	5
48	Preliminary geochemical characterization of the thermal waters of the Grotta delle Ninfe near Cerchiara di Calabria (South Italy). Rendiconti Online Societa Geologica Italiana, 0, 39, 130-133.	0.3	4
49	Preliminary geochemical characterization of the thermal waters of Caronte SPA springs (Calabria,) Tj ETQq1 1 0.78	84314 rgB 0.3	T ₄ Overlock
50	Mineralogical and Geochemical Characterization of Asbestiform Todorokite, Birnessite, and Ranciéite, and Their host Mn-Rich Deposits from Serra D'Aiello (Southern Italy). Fibers, 2020, 8, 9.	4.0	4
51	The Role of Water-Rock Interaction Processes in Soil Formation: Geochemical, Mineralogical, Geomorphological, and Engineering-Geological Aspects. Geofluids, 2019, 2019, 1-4.	0.7	3
52	Hydrogeological and isotopic study of the multi-aquifer system of the Sibari Plain (Calabria, Southern) Tj ETQq0 0	0_rgBT /O∖	verlock 10 T
53	Preliminary geochemical characterization of a carbonate aquifer: the case of Pollino massif (Calabria,) Tj ETQq1 1 ().784314 0.3	rgBT /Overl

⁵⁴ Preliminary geochemical and geological characterization of the thermal site of Spezzano Albanese (Calabria, South Italy). Rendiconti Online Societa Geologica Italiana, 0, 33, 108-110.

0.3 2

#	Article	IF	CITATIONS
55	Inorganic Pollutants into Groundwater: From Geochemistry to Treatment. Geofluids, 2022, 2022, 1-3.	0.7	2
56	Geochemical modeling as a tool to investigate the release and fate of Cr in the ophiolitic aquifers of Northern Calabria (S-Italy). Rendiconti Online Societa Geologica Italiana, 0, 33, 28-30.	0.3	0
57	Water-rock interaction in the ophiolitic aquifers of Northern Calabria. Rendiconti Online Societa Geologica Italiana, 0, 38, 29-31.	0.3	0