

Dario Di Giuseppe

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

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535685

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685536

24
g-index

61
all docs

61
docs citations

61
times ranked

709
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Health Hazards Associated with Asbestos in Building Materials. , 2022, , 297-325.		5
2	Characterisation of potentially toxic natural fibrous zeolites by means of electron paramagnetic resonance spectroscopy and morphological-mineralogical studies. Chemosphere, 2022, 291, 133067.	4.2	7
3	Acute cytotoxicity of mineral fibres observed by time-lapse video microscopy. Toxicology, 2022, 466, 153081.	2.0	9
4	Letter to the Editor: Comments on the paper of Wylie and Korchevskiy - Carcinogenicity of fibrous glaucophane: How should we fill the data gaps?. Current Research in Toxicology, 2022, 3, 100063.	1.3	1
5	Al-Substituted Tobermorites: An Effective Cation Exchanger Synthesized from "End-of-Waste" Materials. ACS Omega, 2022, 7, 1694-1702.	1.6	4
6	The Acute Toxicity of Mineral Fibres: A Systematic In Vitro Study Using Different THP-1 Macrophage Phenotypes. International Journal of Molecular Sciences, 2022, 23, 2840.	1.8	6
7	Crystal structure determination of a lifelong biopersistent asbestos fibre using single-crystal synchrotron X-ray micro-diffraction. IUCr, 2021, 8, 76-86.	1.0	7
8	Occurrence and characterization of tremolite asbestos from the Mid Atlantic Ridge. Scientific Reports, 2021, 11, 6285.	1.6	9
9	In vitro toxicity of fibrous glaucophane. Toxicology, 2021, 454, 152743.	2.0	11
10	A Systematic Study of the Cryogenic Milling of Chrysotile Asbestos. Applied Sciences (Switzerland), 2021, 11, 4826.	1.3	3
11	Characterization and assessment of the potential toxicity/pathogenicity of Russian commercial chrysotile. American Mineralogist, 2021, 106, 1606-1621.	0.9	10
12	A time- and cost-saving method to check the point-to-point distribution of soil improvers. Journal of Plant Nutrition and Soil Science, 2021, 184, 263-270.	1.1	2
13	Characterization of Fibrous Wollastonite NYAD G in View of Its Use as Negative Standard for In Vitro Toxicity Tests. Minerals (Basel, Switzerland), 2021, 11, 1378.	0.8	4
14	Characterization of Fibrous Mordenite: A First Step for the Evaluation of Its Potential Toxicity. Crystals, 2020, 10, 769.	1.0	14
15	Impact of Sequential Treatments with Natural and Na-Exchanged Chabazite Zeolite-Rich Tuff on Pig-Slurry Chemical Composition. Water (Switzerland), 2020, 12, 310.	1.2	11
16	Effects of Different Chabazite Zeolite Amendments to Sorption of Nitrification Inhibitor 3,4-Dimethylpyrazole Phosphate (DMPP) in Soil. Journal of Soil Science and Plant Nutrition, 2020, 20, 973-978.	1.7	6
17	Emission of fibres and atmospheric pollutants from the thermal treatment of asbestos containing waste (ACW). Journal of Cleaner Production, 2020, 268, 122179.	4.6	15
18	Mineral Fibres and Asbestos Bodies in Human Lung Tissue: A Case Study. Minerals (Basel, Switzerland), 2019, 9, 618.	0.8	18

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19	Structure Model and Toxicity of the Product of Biodissolution of Chrysotile Asbestos in the Lungs. <i>Chemical Research in Toxicology</i> , 2019, 32, 2063-2077.	1.7	17
20	Characterization and assessment of the potential toxicity/pathogenicity of fibrous glaucophane. <i>Environmental Research</i> , 2019, 178, 108723.	3.7	17
21	Characterisation of fibrous ferrierite in the rhyolitic tuffs at Lovelock, Nevada, USA. <i>Mineralogical Magazine</i> , 2019, 83, 577-586.	0.6	9
22	15N Natural Abundance, Nitrogen and Carbon Pools in Soil-Sorghum System Amended with Natural and NH ₄ ⁺ -Enriched Zeolitites. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4524.	1.3	12
23	Biodurability and release of metals during the dissolution of chrysotile, crocidolite and fibrous erionite. <i>Environmental Research</i> , 2019, 171, 550-557.	3.7	33
24	Natural and NH ₄ ⁺ -enriched zeolite amendment effects on nitrate leaching from a reclaimed agricultural soil (Ferrara Province, Italy). <i>Nutrient Cycling in Agroecosystems</i> , 2018, 110, 327-341.	1.1	25
25	Leaching behaviour of a sandy soil amended with natural and NH ₄ ⁺ and K ⁺ saturated clinoptilolite and chabazite. <i>Archives of Agronomy and Soil Science</i> , 2018, 64, 1142-1151.	1.3	21
26	Mitigation of sodium risk in a sandy agricultural soil by the use of natural zeolites. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 646.	1.3	14
27	Synchrotron Nano-Diffraction Study of Thermally Treated Asbestos Tremolite from Val d'Ala, Turin (Italy). <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 311.	0.8	5
28	Short-Term Response of Soil Microbial Biomass to Different Chabazite Zeolite Amendments. <i>Pedosphere</i> , 2018, 28, 277-287.	2.1	24
29	Assessment of the anthropogenic fluoride export in Addis Ababa urban environment (Ethiopia). <i>Journal of Geochemical Exploration</i> , 2018, 190, 390-399.	1.5	18
30	C-N elemental and isotopic investigation in agricultural soils: Insights on the effects of zeolite amendments. <i>Chemie Der Erde</i> , 2017, 77, 45-52.	0.8	17
31	Sand volcano generated by a violent degassing from methane-saturated aquifers: The case study of Medolla (Modena, Italy). <i>Engineering Geology</i> , 2017, 221, 91-103.	2.9	4
32	Effects of middle-term land reclamation on nickel soil-water interaction: a case study from reclaimed salt marshes of Po River Delta, Italy. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 523.	1.3	1
33	Chlorate origin and fate in shallow groundwater below agricultural landscapes. <i>Environmental Pollution</i> , 2017, 231, 1453-1462.	3.7	21
34	Assessment of heavy metal bioaccumulation in sorghum from neutral saline soils in the Po River Delta Plain (Northern Italy). <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	1
35	High resolution short-term investigation of soil CO ₂ , N ₂ O, NO _x and NH ₃ emissions after different chabazite zeolite amendments. <i>Applied Soil Ecology</i> , 2017, 119, 138-144.	2.1	33
36	Comparison of the Mineral Element Content of Public Drinking Fountains and Bottled Water: A Case Study of Ferrara City. <i>Geosciences (Switzerland)</i> , 2017, 7, 76.	1.0	5

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37	Relationship between particle density and soil bulk chemical composition. <i>Journal of Soils and Sediments</i> , 2016, 16, 909-915.	1.5	12
38	Multiple X-ray approaches to discriminate the origin of liquefied sand erupted during the 2012 Emilia Romagna earthquake. <i>X-Ray Spectrometry</i> , 2016, 45, 19-27.	0.9	6
39	Formation and dissolution of salt crusts as a rapid way of nitrate mobilization in a tile-drained agricultural field under a temperate climate. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	1
40	Multidisciplinary study of a Lateglacial-Holocene sedimentary sequence near Bologna (Italy): insights on natural and anthropogenic impacts on the landscape dynamics. <i>Journal of Soils and Sediments</i> , 2016, 16, 645-662.	1.5	11
41	Estimated Water Savings in an Agricultural Field Amended With Natural Zeolites. <i>Environmental Processes</i> , 2016, 3, 617-628.	1.7	14
42	Inferring the interconnections between surface water bodies, tile-drains and an unconfined aquifer-aquitard system: A case study. <i>Journal of Hydrology</i> , 2016, 537, 86-95.	2.3	16
43	Ammonium-charged zeolite effects on crop growth and nutrient leaching: greenhouse experiments on maize (<i>Zea mays</i>). <i>Catena</i> , 2016, 140, 66-76.	2.2	20
44	Abnormal trace element concentrations in a shallow aquifer belonging to saline reclaimed environments, Codigoro (Italy). <i>Rendiconti Lincei</i> , 2016, 27, 95-104.	1.0	9
45	Batch and column experiments on nutrient leaching in soils amended with Italian natural zeolites. <i>Catena</i> , 2015, 127, 64-71.	2.2	42
46	Variation of the hydraulic properties and solute transport mechanisms in a silty-clay soil amended with natural zeolites. <i>Catena</i> , 2014, 123, 195-204.	2.2	31
47	Combination of wavelength dispersive X-ray fluorescence analysis and multivariate statistic for alluvial soils classification: a case study from the Padanian Plain (Northern Italy). <i>X-Ray Spectrometry</i> , 2014, 43, 165-174.	0.9	18
48	Multiproxy investigation of a Holocene sedimentary sequence near Ferrara (Italy): clues on the physiographic evolution of the eastern Padanian Plain. <i>Journal of Soils and Sediments</i> , 2014, 14, 230-242.	1.5	21
49	New insights on mobility and bioavailability of heavy metals in soils of the Padanian alluvial plain (Ferrara Province, northern Italy). <i>Chemie Der Erde</i> , 2014, 74, 615-623.	0.8	29
50	Geochemical characterization and biomonitoring of reclaimed soils in the Po River Delta (Northern Italy). <i>Environmental Earth Sciences</i> , 2014, 72, 2457-2473.	1.3	27
51	The use of particle density in sedimentary provenance studies: the superficial sediment of Po Plain (Italy) case study. <i>Geosciences Journal</i> , 2014, 18, 449-458.	0.6	8
52	Reclamation influence and background geochemistry of neutral saline soils in the Po River Delta Plain (Northern Italy). <i>Environmental Earth Sciences</i> , 2014, 72, 2457-2473.	1.3	26
53	Open-field experimentation of an innovative and integrated zeolite cycle: project definition and material characterization. <i>Rendiconti Lincei</i> , 2013, 24, 141-150.	1.0	30
54	Contribution of the subsurface drainage system in changing the nitrogen speciation of an agricultural soil located in a complex marsh environment (Ferrara, Italy). <i>Agricultural Water Management</i> , 2013, 119, 144-153.	2.4	25

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55	Heavy metals in soils and sedimentary deposits of the Padanian Plain (Ferrara, Northern Italy): characterisation and biomonitoring. <i>Journal of Soils and Sediments</i> , 2012, 12, 1145-1153.	1.5	43
56	WebFPTI: A tool to predict the toxicity/pathogenicity of mineral fibres including asbestos. <i>Earth Science Informatics</i> , 0, , 1.	1.6	1
57	Particle density distribution in a fluvial floodplain. <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 39, 163-165.	0.3	1