Paolo Valera

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5656168/publications.pdf

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43	2,130	257429	265191
papers	citations	24 h-index	42 g-index

45	45	45	2543
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The concept of compositional data analysis in practice â€" Total major element concentrations in agricultural and grazing land soils of Europe. Science of the Total Environment, 2012, 426, 196-210.	8.0	211
2	GEMAS: Establishing geochemical background and threshold for 53 chemical elements in European agricultural soil. Applied Geochemistry, 2018, 88, 302-318.	3.0	143
3	Lead and lead isotopes in agricultural soils of Europe â€" The continental perspective. Applied Geochemistry, 2012, 27, 532-542.	3.0	129
4	New soil composition data for Europe and Australia: Demonstrating comparability, identifying continental-scale processes and learning lessons for global geochemical mapping. Science of the Total Environment, 2012, 416, 239-252.	8.0	110
5	Zinc Status and Autoimmunity: A Systematic Review and Meta-Analysis. Nutrients, 2018, 10, 68.	4.1	109
6	Major and trace elements in tap water from Italy. Journal of Geochemical Exploration, 2012, 112, 54-75.	3.2	82
7	Mercury in European agricultural and grazing land soils. Applied Geochemistry, 2013, 33, 1-12.	3.0	82
8	GEMAS: Cobalt, Cr, Cu and Ni distribution in agricultural and grazing land soil of Europe. Journal of Geochemical Exploration, 2015, 154, 81-93.	3.2	81
9	Bioavailable 87Sr/86Sr in European soils: A baseline for provenancing studies. Science of the Total Environment, 2019, 672, 1033-1044.	8.0	81
10	Trace elements and ions in Italian bottled mineral waters: Identification of anomalous values and human health related effects. Journal of Geochemical Exploration, 2010, 107, 336-349.	3.2	76
11	Arsenic in agricultural and grazing land soils of Europe. Applied Geochemistry, 2013, 28, 2-10.	3.0	73
12	GEMAS: Spatial distribution of the pH of European agricultural and grazing land soil. Applied Geochemistry, 2014, 48, 207-216.	3.0	71
13	Relevance of Essential Trace Elements in Nutrition and Drinking Water for Human Health and Autoimmune Disease Risk. Nutrients, 2020, 12, 2074.	4.1	67
14	Hydrogeochemical analysis on Italian bottled mineral waters: Effects of geology. Journal of Geochemical Exploration, 2010, 107, 317-335.	3.2	65
15	Comparing results from two continental geochemical surveys to world soil composition and deriving Predicted Empirical Global Soil (PEGS2) reference values. Earth and Planetary Science Letters, 2012, 319-320, 269-276.	4.4	61
16	GEMAS: Spatial distribution of chemical elements in agricultural and grazing land soil of Italy. Journal of Geochemical Exploration, 2015, 154, 129-142.	3.2	58
17	Arsenic: Geochemical distribution and age-related health risk in Italy. Environmental Research, 2020, 182, 109076.	7.5	57
18	Comparative study between bottled mineral and tap water in Italy. Journal of Geochemical Exploration, 2012, 112, 368-389.	3.2	54

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19	Ce, La and Y concentrations in agricultural and grazing-land soils of Europe. Journal of Geochemical Exploration, 2013, 133, 202-213.	3.2	54
20	Impact of mine tailings on surrounding soils and ground water: Case of Kettara old mine, Morocco. Journal of African Earth Sciences, 2014, 100, 437-449.	2.0	54
21	Relationships of local lithium concentrations in drinking water to regional suicide rates in Italy. World Journal of Biological Psychiatry, 2015, 16, 567-574.	2.6	46
22	Geochemical evidence of aeolian deposits in <scp>E</scp>uropean soils. Boreas, 2014, 43, 175-192.	2.4	42
23	Geochemical fingerprinting and source discrimination of agricultural soils at continental scale. Chemical Geology, 2015, 396, 1-15.	3.3	39
24	The use of diffuse reflectance mid-infrared spectroscopy for the prediction of the concentration of chemical elements estimated by X-ray fluorescence in agricultural and grazing European soils. Applied Geochemistry, 2013, 29, 135-143.	3.0	32
25	Zinc and Other Metals Deficiencies and Risk of Type 1 Diabetes: An Ecological Study in the High Risk Sardinia Island. PLoS ONE, 2015, 10, e0141262.	2.5	24
26	A correlation study between multiple sclerosis and type 1 diabetes incidences and geochemical data in Europe. Environmental Geochemistry and Health, 2014, 36, 79-98.	3.4	23
27	GEMAS: Indium in agricultural and grazing land soil of Europe â€" Its source and geochemical distribution patterns. Journal of Geochemical Exploration, 2015, 154, 61-80.	3.2	23
28	GEMAS: CNS concentrations and C/N ratios in European agricultural soil. Science of the Total Environment, 2018, 627, 975-984.	8.0	22
29	The geochemistry of niobium and its distribution and relative mobility in agricultural soils of Europe. Geochemistry: Exploration, Environment, Analysis, 2012, 12, 293-302.	0.9	21
30	Mobile Metal IonÂ® analysis of European agricultural soils: bioavailability, weathering, geogenic patterns and anthropogenic anomalies. Geochemistry: Exploration, Environment, Analysis, 2015, 15, 99-112.	0.9	21
31	Prediction of the concentration of chemical elements extracted by aqua regia in agricultural and grazing European soils using diffuse reflectance mid-infrared spectroscopy. Applied Geochemistry, 2013, 39, 33-42.	3.0	18
32	U-Th signatures of agricultural soil at the European continental scale (GEMAS): Distribution, weathering patterns and processes controlling their concentrations. Science of the Total Environment, 2018, 622-623, 1277-1293.	8.0	16
33	Is Geo-Environmental Exposure a Risk Factor for Multiple Sclerosis? A Population-Based Cross-Sectional Study in South-Western Sardinia. PLoS ONE, 2016, 11, e0163313.	2.5	15
34	GEMAS: Geochemical background and mineral potential of emerging tech-critical elements in Europe revealed from low-sampling density geochemical mapping. Applied Geochemistry, 2019, 111, 104425.	3.0	14
35	GEMAS: Source, distribution patterns and geochemical behaviour of Ge in agricultural and grazing land soils at European continental scale. Applied Geochemistry, 2016, 72, 113-124.	3.0	12
36	Preliminary Study and Numerical Investigation of an Electrostatic Unit for the Removal of Fluoride From Thermal Water of Ethiopian Rift Valley. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2020, 5, 72-82.	2.2	11

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37	Arsenic: Association of regional concentrations in drinking water with suicide and natural causes of death in Italy. Psychiatry Research, 2017, 249, 311-317.	3.3	9
38	GEMAS: Prediction of solidâ€solution partitioning coefficients (K_d) for cationic metals in soils using midâ€infrared diffuse reflectance spectroscopy. Environmental Toxicology and Chemistry, 2015, 34, 224-234.	4.3	8
39	GEMAS: Geochemical distribution of Mg in agricultural soil of Europe. Journal of Geochemical Exploration, 2021, 221, 106706.	3.2	8
40	GRIDA3â€"a shared resources manager for environmental data analysis and applications. Earth Science Informatics, 2009, 2, 5-21.	3.2	6
41	Gold in Stream Sediments from the Sardinia Crystalline Basement (Italy). Geochemistry: Exploration, Environment, Analysis, 2018, 18, 351-364.	0.9	1
42	Evaluation of a Smectite Adsorption-Based Electrostatic System to Decontaminate Fâ¾ Rich Thermal Waters. Water (Switzerland), 2022, 14, 167.	2.7	1
43	Morphometric Analysis through 3D Modelling of Bronze Age Stone Moulds from Central Sardinia. Minerals (Basel, Switzerland), 2021, 11, 1192.	2.0	0