

Athanasios Godelitsas

List of Publications by Year in descending order

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67
papers

1,625
citations

304743

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315739

38
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67
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67
docs citations

67
times ranked

2052
citing authors

#	ARTICLE	IF	CITATIONS
1	Metastable Iron (Mono)sulfides in the Shallow-Sea Hydrothermal Sediments of Milos, Greece. ACS Earth and Space Chemistry, 2022, 6, 920-931.	2.7	4
2	First Speleothem Evidence of the Hiera Eruption (197 BC), Santorini, Greece. Environmental Archaeology, 2021, 26, 336-348.	1.2	2
3	Dissolution and sorption mechanisms at the aluminosilicate and carbonate mineral-AMD (Acid Mine) Tj ETQq1 1 0.784314 rgBT /Over	3.0	9
4	New Insights into the Mineralogy and Geochemistry of Sb Ores from Greece. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Oygrlock 10 Tf 50 622	2.0	6
5	Fe-Mn concretions and nodules formation in redoximorphic soils and their role on soil phosphorus dynamics: Current knowledge and gaps. Catena, 2019, 182, 104106.	5.0	40
6	Investigation of Trace and Critical Elements (Including Actinides) in Flotation Sulphide Concentrates of Kassandra Mines (Chalkidiki, Greece). Geosciences (Switzerland), 2019, 9, 164.	2.2	4
7	New insights into nanomineralogy and geochemistry of Ni-laterite ores from central Greece (Larymna) Tj ETQq1 1 0.784314 rgBT /Over	2.0	9
8	Spatially and temporally variable sulfur cycling in shallow-sea hydrothermal vents, Milos, Greece. Marine Chemistry, 2019, 208, 83-94.	2.3	12
9	The Rare Earth Elements Potential of Greek Bauxite Active Mines in the Light of a Sustainable REE Demand. Journal of Sustainable Metallurgy, 2019, 5, 20-47.	2.3	44
10	Metal concentrations and radioactivity in sediments at the northern coastal zone of Ikaria Island, eastern Mediterranean, Greece. Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 55-68.	1.5	7
11	Chromium-bearing clays in altered ophiolitic rocks from Crommyonia (Soussaki) volcanic area, Attica, Greece. Applied Clay Science, 2018, 162, 362-374.	5.2	7
12	Arsenic distribution and speciation in the bauxitic Fe-Ni-laterite ore deposit of the Patitira mine, Lokris area (Greece). Journal of Geochemical Exploration, 2018, 194, 189-197.	3.2	12
13	Metallogeny of the Chrome Ores of the Xerolivado-Skoumtsa Mine, Vourinos Ophiolite, Greece: Implications on the genesis of IPGE-bearing high-Cr chromitites within a heterogeneously depleted mantle section. Ore Geology Reviews, 2017, 90, 226-242.	2.7	15
14	Nano-mineralogy and -geochemistry of high-grade diasporic karst-type bauxite from Parnassos-Ghiona mines, Greece. Ore Geology Reviews, 2017, 84, 228-244.	2.7	42
15	Uranium-bearing francolites present in organic-rich limestones of NW Greece: a preliminary study using synchrotron radiation and fission track techniques. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 465-472.	1.5	6
16	Dissolution and Sorption Processes on the Surface of Calcite in the Presence of High Co ²⁺ Concentration. Minerals (Basel, Switzerland), 2017, 7, 23.	2.0	5
17	Mineral Surface Science and Nanogeoscience: The Case of Mineral Nanoparticles, Nanominerals and Natural Nanoporous Oxide Materials. Advanced Science Letters, 2017, 23, 5828-5830.	0.2	0
18	Environmental impact of phosphogypsum stockpile in remediated Schistos waste site (Piraeus, Greece) using a combination of ¹³⁷ I-ray spectrometry with geographic information systems. Environmental Monitoring and Assessment, 2016, 188, 133.	2.7	14

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19	The role of nano-perovskite in the negligible thorium release in seawater from Greek bauxite residue (red mud). <i>Scientific Reports</i> , 2016, 6, 21737.	3.3	16
20	A distinct source and differentiation history for Kolumbo submarine volcano, Santorini volcanic field, Aegean arc. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 3254-3273.	2.5	39
21	Enhancing the rate of ex situ mineral carbonation in dunites via ball milling. <i>Advanced Powder Technology</i> , 2016, 27, 360-371.	4.1	30
22	Hydrothermal influence on nearshore sediments of Kos Island, Aegean Sea. <i>Geo-Marine Letters</i> , 2015, 35, 77-89.	1.1	4
23	Amorphous As-sulfide precipitates from the shallow-water hydrothermal vents off Milos Island (Greece). <i>Marine Chemistry</i> , 2015, 177, 687-696.	2.3	31
24	Distribution and partitioning of major and trace elements in pyrite-bearing sediments of a Mediterranean coastal lagoon. <i>Chemie Der Erde</i> , 2015, 75, 219-236.	2.0	14
25	Uranium-bearing phosphatized limestones of NW Greece. <i>Journal of Geochemical Exploration</i> , 2014, 143, 62-73.	3.2	21
26	Multivariate statistical analysis of the hydrogeochemical and isotopic composition of the groundwater resources in northeastern Peloponnesus (Greece). <i>Science of the Total Environment</i> , 2014, 476-477, 577-590.	8.0	73
27	Paleogeography of the Eosahabi River in Libya: New insights into the mineralogy, geochemistry and paleontology of Member U1 of the Sahabi Formation, northeastern Libya. <i>Journal of African Earth Sciences</i> , 2013, 78, 86-96.	2.0	9
28	New insights into the chemical and isotopic composition of human-body biominerals. I: Cholesterol gallstones from England and Greece. <i>Journal of Trace Elements in Medicine and Biology</i> , 2013, 27, 79-84.	3.0	21
29	Geological Sources of As in the Environment of Greece: A Review. <i>Handbook of Environmental Chemistry</i> , 2013, , 77-113.	0.4	13
30	New insights into hydrothermal vent processes in the unique shallow-submarine arc-volcano, Kolumbo (Santorini), Greece. <i>Scientific Reports</i> , 2013, 3, 2421.	3.3	97
31	Interaction of with CHA-type zeolitic materials. <i>Microporous and Mesoporous Materials</i> , 2012, 153, 63-69.	4.4	11
32	Thorium partitioning in Greek industrial bauxite investigated by synchrotron radiation and laser-ablation techniques. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2011, 269, 3067-3073.	1.4	27
33	Lead patination in the atmosphere of Athens, Greece. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2011, 269, 3074-3076.	1.4	0
34	A microscopic and Synchrotron-based characterization of urban particulate matter (PM10 and PM2.5) and Tj ETQq0 0 0 rgBT /Overlock 1 269, 3077-3081.	1.4	15
35	Characterisation and management of ash produced in the hospital waste incinerator of Athens, Greece. <i>Journal of Hazardous Materials</i> , 2011, 187, 421-432.	12.4	41
36	Extra-framework cation release from heulandite-type rich tuffs on exchange with NH4+. <i>Journal of Environmental Management</i> , 2011, 92, 1569-1576.	7.8	22

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37	Mordenite-bearing tuffs from Prassa quarry, Kimolos island, Greece. <i>European Journal of Mineralogy</i> , 2010, 22, 797-811.	1.3	14
38	Interaction of gypsum with lead in aqueous solutions. <i>Applied Geochemistry</i> , 2010, 25, 1008-1016.	3.0	22
39	Pliocene tourmaline rhyolite dykes from Ikaria Island in the Aegean back-arc region: geodynamic implications. <i>Geodinamica Acta</i> , 2009, 22, 189-199.	2.2	7
40	Spectroscopic characterization of Greek dolomitic marble surface interacted with uranium and thorium in aqueous solutions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2008, 266, 2363-2366.	1.4	1
41	Chromium (VI) uptake by polyhexamethylene-guanidine-modified natural zeolitic materials. <i>Microporous and Mesoporous Materials</i> , 2008, 108, 162-167.	4.4	33
42	Investigation of the interaction of Greek dolomitic marble with metal aqueous solutions using rutherford backscattering and X-ray photoelectron spectroscopy. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 272, 339-344.	1.5	6
43	Crystal growth and dissolution processes at the calcite-water interface in the presence of zinc ions. <i>Journal of Crystal Growth</i> , 2005, 273, 535-545.	1.5	37
44	Propane reactions over natural Todorokite. <i>Microporous and Mesoporous Materials</i> , 2004, 69, 165-172.	4.4	12
45	HEU-type zeolites modified by transition elements and lead. <i>Microporous and Mesoporous Materials</i> , 2003, 61, 3-24.	4.4	103
46	Heterostructures patterned on aluminosilicate microporous substrates: Crystallization of cobalt(III) tris(N,N-diethyldithiocarbamate) on the surface of a HEU-type zeolite. <i>Microporous and Mesoporous Materials</i> , 2003, 61, 69-77.	4.4	24
47	Interaction of Calcium Carbonates with Lead in Aqueous Solutions. <i>Environmental Science & Technology</i> , 2003, 37, 3351-3360.	10.0	155
48	Microscopic and spectroscopic investigation of the calcite surface interacted with Hg(II) in aqueous solutions. <i>Mineralogical Magazine</i> , 2003, 67, 1193-1204.	1.4	16
49	The chemical behavior of the natural microporous manganese-oxide todorokite in actinides (Th, U, Pa) aqueous solutions. <i>Separation Science and Technology</i> , 2002, 37, 1109-1121.	2.5	8
50	Investigation of Fluorine Distribution on the Surface of Acid-Treated Apatite Single Crystals using Nuclear Resonant Reaction Analysis. <i>Crystal Research and Technology</i> , 2001, 36, 1247.	1.3	2
51	Interaction of granitic biotite with selected lanthanides and actinides. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2001, 247, 325-328.	1.5	13
52	Copper(II)-loaded HEU-type zeolite crystals: characterization and evidence of surface complexation with N,N-diethyldithiocarbamate anions. <i>Microporous and Mesoporous Materials</i> , 1999, 33, 77-87.	4.4	18
53	Investigation of HEU-type zeolite crystals after interaction with Sr ²⁺ cations in aqueous solution using nuclear and surface analytical techniques. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1999, 241, 519-527.	1.5	7
54	¹² C-RBS investigation of scolecite crystals interacted with Cs- and Sr-aqueous solutions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1998, 139, 249-252.	1.4	2

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55	Sorption of As(V)-anions from aqueous solutions by organo-modified natural zeolitic materials. Journal of Radioanalytical and Nuclear Chemistry, 1998, 227, 183-186.	1.5	22
56	Interaction of natrolite and thomsonite intergrowths with aqueous solutions of different initial pH values at 25°C in the presence of KCl: Reaction mechanisms. Applied Geochemistry, 1997, 12, 693-703.	3.0	23
57	Title is missing!. Environmental Geochemistry and Health, 1997, 19, 83-88.	3.4	25
58	The chemical behavior of natural zeolites in aqueous environments: Interactions between low-silica zeolites and 1 M NaCl solutions of different initial pH-values. Applied Clay Science, 1996, 11, 199-209.	5.2	67
59	Uranium sorption from aqueous solutions on sodium-form of HEU-type zeolite crystals. Journal of Radioanalytical and Nuclear Chemistry, 1996, 208, 393-402.	1.5	34
60	Perrhenate ion uptake by aluminium hydroxide gels. Journal of Radioanalytical and Nuclear Chemistry, 1996, 208, 507-517.	1.5	5
61	Neodymium sorption by clay minerals and zeoliferous rocks. Journal of Radioanalytical and Nuclear Chemistry, 1996, 212, 421-429.	1.5	5
62	Application of the $^{27}\text{Al}(p, \text{t})^{28}\text{Si}$ nuclear reaction to the characterization of the near-surface layers of acid-treated HEU-type zeolite crystals. Microporous Materials, 1996, 6, 37-42.	1.6	22
63	Prehnite formation and metamorphic relations in the metagabbros of the Oreokastro ophiolite suite, Macedonia, Greece. Gff, 1995, 117, 15-21.	1.2	4
64	Removal of heavy metals from aqueous solutions using pretreated natural zeolitic materials: The case of mercury(II). Toxicological and Environmental Chemistry, 1995, 51, 21-29.	1.2	28
65	Thorium and uranium uptake by natural zeolitic materials. Science of the Total Environment, 1995, 173-174, 237-246.	8.0	153
66	Heavy metal uptake by zeoliferous rocks from Metaxades, Thrace, Greece: An exploratory study. Journal of Radioanalytical and Nuclear Chemistry, 1994, 183, 159-166.	1.5	29
67	Dissolution, sorption/(re)precipitation, formation of solid solutions and crystal growth phenomena on mineral surfaces. , 0, , 289-324.		6