

# Athanasios Godelitsas

## List of Publications by Year in descending order

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67  
papers

1,625  
citations

304743

22  
h-index

315739

38  
g-index

67  
all docs

67  
docs citations

67  
times ranked

2052  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of Calcium Carbonates with Lead in Aqueous Solutions. <i>Environmental Science &amp; Technology</i> , 2003, 37, 3351-3360.	10.0	155
2	Thorium and uranium uptake by natural zeolitic materials. <i>Science of the Total Environment</i> , 1995, 173-174, 237-246.	8.0	153
3	HEU-type zeolites modified by transition elements and lead. <i>Microporous and Mesoporous Materials</i> , 2003, 61, 3-24.	4.4	103
4	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
5	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
6	The chemical behavior of natural zeolites in aqueous environments: Interactions between low-silica zeolites and 1 M NaCl solutions of different initial pH-values. <i>Applied Clay Science</i> , 1996, 11, 199-209.	5.2	67
7	The Rare Earth Elements Potential of Greek Bauxite Active Mines in the Light of a Sustainable REE Demand. <i>Journal of Sustainable Metallurgy</i> , 2019, 5, 20-47.	2.3	44
8	Nano-mineralogy and -geochemistry of high-grade diasporic karst-type bauxite from Parnassos-Ghiona mines, Greece. <i>Ore Geology Reviews</i> , 2017, 84, 228-244.	2.7	42
9	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
10	Fe-Mn concretions and nodules formation in redoximorphic soils and their role on soil phosphorus dynamics: Current knowledge and gaps. <i>Catena</i> , 2019, 182, 104106.	5.0	40
11	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
12	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
13	Uranium sorption from aqueous solutions on sodium-form of HEU-type zeolite crystals. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1996, 208, 393-402.	1.5	34
14	Chromium (VI) uptake by polyhexamethylene-guanidine-modified natural zeolitic materials. <i>Microporous and Mesoporous Materials</i> , 2008, 108, 162-167.	4.4	33
15	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
16	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
17	Heavy metal uptake by zeoliferous rocks from Metaxades, Thrace, Greece: An exploratory study. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1994, 183, 159-166.	1.5	29
18	Removal of heavy metals from aqueous solutions using pretreated natural zeolitic materials: The case of mercury(II). <i>Toxicological and Environmental Chemistry</i> , 1995, 51, 21-29.	1.2	28

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19	Thorium partitioning in Greek industrial bauxite investigated by synchrotron radiation and laser-ablation techniques. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2011, 269, 3067-3073.	1.4	27
20	Title is missing!. <i>Environmental Geochemistry and Health</i> , 1997, 19, 83-88.	3.4	25
21	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
22	Interaction of natrolite and thomsonite intergrowths with aqueous solutions of different initial pH values at 25°C in the presence of KCl: Reaction mechanisms. <i>Applied Geochemistry</i> , 1997, 12, 693-703.	3.0	23
23	Application of the $^{27}\text{Al}(\rho, \text{p})^{28}\text{Si}$ nuclear reaction to the characterization of the near-surface layers of acid-treated HEU-type zeolite crystals. <i>Microporous Materials</i> , 1996, 6, 37-42.	1.6	22
24	Sorption of As(V)-anions from aqueous solutions by organo-modified natural zeolitic materials. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1998, 227, 183-186.	1.5	22
25	Interaction of gypsum with lead in aqueous solutions. <i>Applied Geochemistry</i> , 2010, 25, 1008-1016.	3.0	22
26	Extra-framework cation release from heulandite-type rich tuffs on exchange with $\text{NH}_4^+$ . <i>Journal of Environmental Management</i> , 2011, 92, 1569-1576.	7.8	22
27	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
28	Uranium-bearing phosphatized limestones of NW Greece. <i>Journal of Geochemical Exploration</i> , 2014, 143, 62-73.	3.2	21
29	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
30	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
31	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
32	A microscopic and Synchrotron-based characterization of urban particulate matter (PM <sub>10</sub> and PM <sub>2.5</sub> ) and Tj ETQq0 0 0 rgBT /Overlock 1 269, 3077-3081.	1.4	15
33	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. <i>Ore Geology Reviews</i> , 2017, 90, 226-242.	2.7	15
34	Mordenite-bearing tuffs from Prassa quarry, Kimolos island, Greece. <i>European Journal of Mineralogy</i> , 2010, 22, 797-811.	1.3	14
35	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
36	Environmental impact of phosphogypsum stockpile in remediated Schistos waste site (Piraeus, Greece) using a combination of $\text{I}^{137}$ -ray spectrometry with geographic information systems. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 133.	2.7	14

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37	Interaction of granitic biotite with selected lanthanides and actinides. Journal of Radioanalytical and Nuclear Chemistry, 2001, 247, 325-328.	1.5	13
38	Geological Sources of As in the Environment of Greece: A Review. Handbook of Environmental Chemistry, 2013, , 77-113.	0.4	13
39	Propane reactions over natural Todorokite. Microporous and Mesoporous Materials, 2004, 69, 165-172.	4.4	12
40	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
41	Spatially and temporally variable sulfur cycling in shallow-sea hydrothermal vents, Milos, Greece. Marine Chemistry, 2019, 208, 83-94.	2.3	12
42	Interaction of with CHA-type zeolitic materials. Microporous and Mesoporous Materials, 2012, 153, 63-69.	4.4	11
43	Paleogeography of the Eosahabi River in Libya: New insights into the mineralogy, geochemistry and paleontology of Member U1 of the Sahabi Formation, northeastern Libya. Journal of African Earth Sciences, 2013, 78, 86-96.	2.0	9
44	New insights into nanomineralogy and geochemistry of Ni-laterite ores from central Greece (Larymna) Tj ETQq0 0 0.784314 rgBT /Overlock 10 T	2.6	9
45	Dissolution and sorption mechanisms at the aluminosilicate and carbonate mineral-AMD (Acid Mine) Tj ETQq1 1 0.784314 rgBT /Over	3.0	9
46	The chemical behavior of the natural microporous manganese-oxide todorokite in actinides (Th, U, Pa) aqueous solutions. Separation Science and Technology, 2002, 37, 1109-1121.	2.5	8
47	Investigation of HEU-type zeolite crystals after interaction with Sr <sup>2+</sup> cations in aqueous solution using nuclear and surface analytical techniques. Journal of Radioanalytical and Nuclear Chemistry, 1999, 241, 519-527.	1.5	7
48	Pliocene tourmaline rhyolite dykes from Ikaria Island in the Aegean back-arc region: geodynamic implications. Geodinamica Acta, 2009, 22, 189-199.	2.2	7
49	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
50	Chromium-bearing clays in altered ophiolitic rocks from Crommyonia (Soussaki) volcanic area, Attica, Greece. Applied Clay Science, 2018, 162, 362-374.	5.2	7
51	Investigation of the interaction of Greek dolomitic marble with metal aqueous solutions using rutherford backscattering and X-ray photoelectron spectroscopy. Journal of Radioanalytical and Nuclear Chemistry, 2007, 272, 339-344.	1.5	6
52	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
53	New Insights into the Mineralogy and Geochemistry of Sb Ores from Greece. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.6	6
54	Dissolution, sorption/(re)precipitation, formation of solid solutions and crystal growth phenomena on mineral surfaces. , 0, , 289-324.		6

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55	Perrhenate ion uptake by aluminium hydroxide gels. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1996, 208, 507-517.	1.5	5
56	Neodymium sorption by clay minerals and zeoliferous rocks. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1996, 212, 421-429.	1.5	5
57	Dissolution and Sorption Processes on the Surface of Calcite in the Presence of High $\text{CO}_2$ Concentration. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 23.	2.0	5
58	Prehnite formation and metamorphic relations in the metagabbros of the Oreokastro ophiolite suite, Macedonia, Greece. <i>Gff</i> , 1995, 117, 15-21.	1.2	4
59	Hydrothermal influence on nearshore sediments of Kos Island, Aegean Sea. <i>Geo-Marine Letters</i> , 2015, 35, 77-89.	1.1	4
60	Investigation of Trace and Critical Elements (Including Actinides) in Flotation Sulphide Concentrates of Kassandra Mines (Chalkidiki, Greece). <i>Geosciences (Switzerland)</i> , 2019, 9, 164.	2.2	4
61	Metastable Iron (Mono)sulfides in the Shallow-Sea Hydrothermal Sediments of Milos, Greece. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 920-931.	2.7	4
62	$^{12}\text{C}$ -RBS investigation of scolecite crystals interacted with Cs- and Sr-aqueous solutions. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1998, 139, 249-252.	1.4	2
63	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
64	First Speleothem Evidence of the Hiera Eruption (197 BC), Santorini, Greece. <i>Environmental Archaeology</i> , 2021, 26, 336-348.	1.2	2
65	Spectroscopic characterization of Greek dolomitic marble surface interacted with uranium and thorium in aqueous solutions. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2008, 266, 2363-2366.	1.4	1
66	Lead patination in the atmosphere of Athens, Greece. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2011, 269, 3074-3076.	1.4	0
67	Mineral Surface Science and Nanogeoscience: The Case of Mineral Nanoparticles, Nanominerals and Natural Nanoporous Oxide Materials. <i>Advanced Science Letters</i> , 2017, 23, 5828-5830.	0.2	0