

Andreas M Zissimos

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,142
citations

394421

19
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

1648
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of sets of solute descriptors from chromatographic measurements. <i>Journal of Chromatography A</i> , 2004, 1037, 29-47.	3.7	835
2	Application of hydrogen bonding calculations in property based drug design. <i>Drug Discovery Today</i> , 2002, 7, 1056-1063.	6.4	163
3	A Comparison between the Two General Sets of Linear Free Energy Descriptors of Abraham and Klamt. <i>Journal of Chemical Information and Computer Sciences</i> , 2002, 42, 1320-1331.	2.8	122
4	Calculation of Abraham descriptors from solvent-water partition coefficients in four different systems; evaluation of different methods of calculation. <i>Perkin Transactions II RSC</i> , 2002, , 470-477.	1.1	117
5	A high resolution map of soil types and physical properties for Cyprus: A digital soil mapping optimization. <i>Geoderma</i> , 2017, 285, 35-49.	5.1	95
6	Calculation of Abraham descriptors from experimental data from seven HPLC systems; evaluation of five different methods of calculation Electronic supplementary information (ESI) available: Tables S1 to S5. See http://www.rsc.org/suppdata/p2/b2/b206927j/ . <i>Perkin Transactions II RSC</i> , 2002, , 2001-2010.	1.1	94
7	Partition of solutes into wet and dry ethers; an LFER analysis Electronic supplementary information (ESI) available: tables of solute descriptors and log P values. Values of log Kw and L. See http://www.rsc.org/suppdata/nj/b3/b303016d/ . <i>New Journal of Chemistry</i> , 2003, 27, 1041.	2.8	83
8	Partition of solutes from the gas phase and from water to wet and dry di-n-butyl ether: a linear free energy relationship analysis. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 3732-3736.	2.8	78
9	Determination of McGowan Volumes for Ions and Correlation with van der Waals Volumes. <i>Journal of Chemical Information and Computer Sciences</i> , 2003, 43, 1848-1854.	2.8	67
10	Geochemical patterns in the soils of Cyprus. <i>Science of the Total Environment</i> , 2012, 420, 250-262.	8.0	61
11	Analysis of a solute polarity parameter in reversed-phase liquid chromatography on a linear solvation relationship basis. <i>Analytica Chimica Acta</i> , 2004, 515, 209-227.	5.4	56
12	Geochemical fingerprinting and source discrimination of agricultural soils at continental scale. <i>Chemical Geology</i> , 2015, 396, 1-15.	3.3	39
13	Hexavalent chromium leads to differential hormetic or damaging effects in alfalfa (<i>Medicago sativa</i>) Tj ETQq1 1 0.784314 rgBT /Overl Environmental Pollution, 2020, 267, 115379.	7.5	33
14	Legacy Soil Contamination at Abandoned Mine Sites: Making a Case for Guidance on Soil Protection. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 94, 269-274.	2.7	29
15	Contamination of stream waters, sediments, and agricultural soil in the surroundings of an abandoned copper mine by potentially toxic elements and associated environmental and potential human health-derived risks: a case study from Agrokipia, Cyprus. <i>Environmental Science and Pollution Research</i> , 2020, 27, 41279-41298.	5.3	29
16	Anthropogenic versus lithological influences on soil geochemical patterns in Cyprus. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2012, 12, 349-360.	0.9	28
17	Reflections of the geological characteristics of Cyprus in soil rare earth element patterns. <i>Applied Geochemistry</i> , 2015, 56, 80-93.	3.0	25
18	The effect of agricultural abandonment and mountain terrace degradation on soil organic carbon in a Mediterranean landscape. <i>Catena</i> , 2020, 195, 104741.	5.0	25

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19	The lipophilicity of Sudan I and its tautomeric forms. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 5748-5752.	2.8	22
20	Uptake of hexavalent chromium by <i>Lactuca sativa</i> and <i>Triticum aestivum</i> plants and mediated effects on their performance, linked with associated public health risks. <i>Chemosphere</i> , 2021, 267, 128912.	8.2	20
21	Synthesis of cobalt(II) complexes of derivatised salicylaldoxime ligands; X-ray crystal structures of DMSO adducts of bis(3-nitro-5-methylsalicylaldoximato)cobalt(II) and bis(3-nitro-5-phenylsalicylaldoximato)cobalt(II). <i>Polyhedron</i> , 2001, 20, 3239-3247.	2.2	18
22	Land use influences on soil geochemistry in Lefkosia (Nicosia) Cyprus. <i>Journal of Geochemical Exploration</i> , 2018, 187, 6-20.	3.2	15
23	Controls on soil geochemistry fractal characteristics in Lemesos (Limassol), Cyprus. <i>Journal of Geochemical Exploration</i> , 2021, 220, 106682.	3.2	14
24	Distribution of water-soluble inorganic ions in the soils of Cyprus. <i>Journal of Geochemical Exploration</i> , 2014, 146, 1-8.	3.2	13
25	Spatial distribution and controls on organic and inorganic carbon in the soils of Cyprus. <i>Journal of Geochemical Exploration</i> , 2019, 196, 95-104.	3.2	13
26	Uptake of hexavalent chromium by tomato (<i>Solanum lycopersicum</i> L.) plants and mediated effects on their physiology and productivity, along with fruit quality and safety. <i>Environmental and Experimental Botany</i> , 2021, 189, 104564.	4.2	13
27	The correlation and prediction of infinite dilution activity coefficients of compounds in water at 298.15 K. <i>Fluid Phase Equilibria</i> , 2017, 449, 117-129.	2.5	12
28	Land use in urban areas impacts the composition of soil bacterial communities involved in nitrogen cycling. A case study from Lefkosia (Nicosia) Cyprus. <i>Scientific Reports</i> , 2021, 11, 8198.	3.3	11
29	Occurrence and Distribution of Hexavalent Chromium in Ground and Surface Waters in Cyprus. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 106, 428-434.	2.7	9
30	Biogeochemical response of <i>Pinus brutia</i> and <i>Olea europaea</i> to lithological variations and Cu mineralisation in Cyprus. <i>Science of the Total Environment</i> , 2021, 759, 143434.	8.0	3