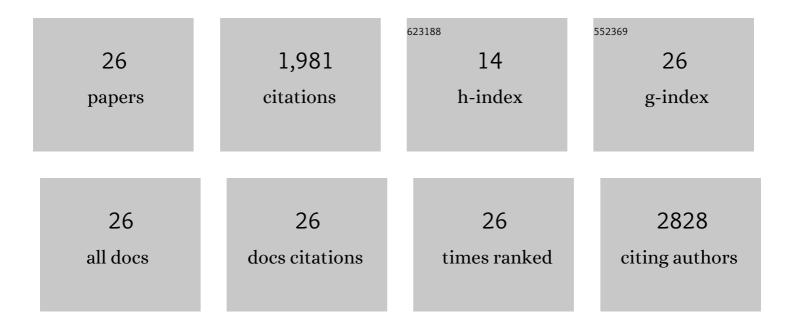
Alexander Gogos

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A critical evaluation of nanopesticides and nanofertilizers against their conventional analogues. Nature Nanotechnology, 2018, 13, 677-684.	15.6	685
2	Nanomaterials in Plant Protection and Fertilization: Current State, Foreseen Applications, and Research Priorities. Journal of Agricultural and Food Chemistry, 2012, 60, 9781-9792.	2.4	629
3	Quantification of Carbon Nanotubes in Environmental Matrices: Current Capabilities, Case Studies, and Future Prospects. Environmental Science & amp; Technology, 2016, 50, 4587-4605.	4.6	104
4	Potential of Hyperspectral Imaging Microscopy for Semi-quantitative Analysis of Nanoparticle Uptake by Protozoa. Environmental Science & Technology, 2014, 48, 8760-8767.	4.6	84
5	Effects of titanium dioxide nanoparticles on soil microbial communities and wheat biomass. Soil Biology and Biochemistry, 2017, 111, 85-93.	4.2	73
6	Key principles and operational practices for improved nanotechnology environmental exposure assessment. Nature Nanotechnology, 2020, 15, 731-742.	15.6	66
7	Vertical transport and plant uptake of nanoparticles in a soil mesocosm experiment. Journal of Nanobiotechnology, 2016, 14, 40.	4.2	64
8	Sulfidation kinetics of copper oxide nanoparticles. Environmental Science: Nano, 2017, 4, 1733-1741.	2.2	33
9	Capabilities of asymmetric flow field-flow fractionation coupled to multi-angle light scattering to detect carbon nanotubes in soot and soil. Environmental Science: Nano, 2014, 1, 584-594.	2.2	26
10	Effects of Titanium Dioxide Nanoparticles on Red Clover and Its Rhizobial Symbiont. PLoS ONE, 2016, 11, e0155111.	1.1	25
11	Antibiofilm activity of nanosilver coatings against Staphylococcus aureus. Journal of Colloid and Interface Science, 2022, 608, 3141-3150.	5.0	25
12	Quantification of individual Rare Earth Elements from industrial sources in sewage sludge. Water Research X, 2021, 11, 100092.	2.8	23
13	Assessment of suitability of tree species for the production of biomass on trace element contaminated soils. Journal of Hazardous Materials, 2012, 209-210, 233-239.	6.5	20
14	Transformation of Nanoscale and Ionic Cu and Zn during the Incineration of Digested Sewage Sludge (Biosolids). Environmental Science & Technology, 2019, 53, 11704-11713.	4.6	19
15	Inorganic nanohybrids combat antibiotic-resistant bacteria hiding within human macrophages. Nanoscale, 2021, 13, 8224-8234.	2.8	14
16	Influence of organic compounds on the sulfidation of copper oxide nanoparticles. Environmental Science: Nano, 2018, 5, 2560-2569.	2.2	13
17	Transformation of cerium dioxide nanoparticles during sewage sludge incineration. Environmental Science: Nano, 2019, 6, 1765-1776.	2.2	13
18	Acetone Sensing and Catalytic Conversion by Pd-Loaded SnO2. Materials, 2021, 14, 5921.	1.3	11

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#	Article	IF	CITATIONS
19	Tailoring the Colloidal Stability, Magnetic Separability, and Cytocompatibility of High-Capacity Magnetic Anion Exchangers. ACS Applied Materials & Interfaces, 2019, 11, 48341-48351.	4.0	9
20	Quantification of anthropogenic and geogenic Ce in sewage sludge based on Ce oxidation state and rare earth element patterns. Water Research X, 2020, 9, 100059.	2.8	9
21	Scalable Synthesis of Ultrasmall Metal Oxide Radio-Enhancers Outperforming Gold. Chemistry of Materials, 2021, 33, 3098-3112.	3.2	9
22	Correlative Cathodoluminescence Electron Microscopy: Immunolabeling Using Rareâ€Earth Element Doped Nanoparticles. Small, 2020, 16, 2004615.	5.2	8
23	Uptake, distribution and radio-enhancement effects of gold nanoparticles in tumor microtissues. Nanoscale Advances, 2020, 2, 2992-3001.	2.2	7
24	Synchrotron hard X-ray chemical imaging of trace element speciation in heterogeneous samples: development of criteria for uncertainty analysis. Journal of Analytical Atomic Spectrometry, 2020, 35, 567-579.	1.6	6
25	Release of gold (Au), silver (Ag) and cerium dioxide (CeO2) nanoparticles from sewage sludge incineration ash. Environmental Science: Nano, 2021, 8, 3220-3232.	2.2	4
26	Bi ₂ O ₃ boosts brightness, biocompatibility and stability of Mn-doped Ba ₃ (VO ₄) ₂ as NIR-II contrast agent. Journal of Materials Chemistry B, 2021, 9, 3038-3046.	2.9	2