

Andreas P Gondikas

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,454
citations

394421

19
h-index

552781

26
g-index

31
all docs

31
docs citations

31
times ranked

3516
citing authors

#	ARTICLE	IF	CITATIONS
1	The Hydrothermal Vent Field at the Eastern Edge of the Hellenic Volcanic Arc: The Avyssos Caldera (Nisyros). <i>Geosciences (Switzerland)</i> , 2021, 11, 290.	2.2	2
2	Monitoring anthropogenic particles in the environment: Recent developments and remaining challenges at the forefront of analytical methods. <i>Current Opinion in Colloid and Interface Science</i> , 2021, 56, 101513.	7.4	18
3	Challenges and current approaches toward environmental monitoring of nanomaterials. , 2021, , 73-108.		2
4	Nanomaterial Fate in Seawater: A Rapid Sink or Intermittent Stabilization?. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	22
5	Strategies for determining heteroaggregation attachment efficiencies of engineered nanoparticles in aquatic environments. <i>Environmental Science: Nano</i> , 2020, 7, 351-367.	4.3	59
6	CTD data profiling to assess the natural hazard of active submarine vent fields: the case of Santorini Island. <i>Bulletin of the Geological Society of Greece</i> , 2020, 56, 70.	0.5	0
7	Environmental Impacts by Fragments Released from Nanoenabled Products: A Multiassay, Multimaterial Exploration by the SUN Approach. <i>Environmental Science & Technology</i> , 2018, 52, 1514-1524.	10.0	36
8	Where is the nano? Analytical approaches for the detection and quantification of TiO ₂ engineered nanoparticles in surface waters. <i>Environmental Science: Nano</i> , 2018, 5, 313-326.	4.3	101
9	Manganese Inhibits Viability of Prostate Cancer Cells. <i>Anticancer Research</i> , 2018, 38, 137-145.	1.1	13
10	Single-particle multi-element fingerprinting (spMEF) using inductively-coupled plasma time-of-flight mass spectrometry (ICP-TOFMS) to identify engineered nanoparticles against the elevated natural background in soils. <i>Environmental Science: Nano</i> , 2017, 4, 307-314.	4.3	128
11	TiO ₂ nanomaterial detection in calcium rich matrices by spICPMS. A matter of resolution and treatment. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 1400-1411.	3.0	39
12	Nanoscale Coloristic Pigments: Upper Limits on Releases from Pigmented Plastic during Environmental Aging, In Food Contact, and by Leaching. <i>Environmental Science & Technology</i> , 2017, 51, 11669-11680.	10.0	35
13	Release of TiO ₂ (Nano) particles from construction and demolition landfills. <i>NanoImpact</i> , 2017, 8, 73-79.	4.5	39
14	Impact of Sodium Humate Coating on Collector Surfaces on Deposition of Polymer-Coated Nanoiron Particles. <i>Environmental Science & Technology</i> , 2017, 51, 9202-9209.	10.0	14
15	Combining gas-phase electrophoretic mobility molecular analysis (GEMMA), light scattering, field flow fractionation and cryo electron microscopy in a multidimensional approach to characterize liposomal carrier vesicles. <i>International Journal of Pharmaceutics</i> , 2016, 513, 309-318.	5.2	19
16	Nano electrospray gas-phase electrophoretic mobility molecular analysis (nES GEMMA) of liposomes: applicability of the technique for nano vesicle batch control. <i>Analyst, The</i> , 2016, 141, 6042-6050.	3.5	15
17	Detection of Engineered Copper Nanoparticles in Soil Using Single Particle ICP-MS. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 15756-15768.	2.6	100
18	Progress towards the validation of modeled environmental concentrations of engineered nanomaterials by analytical measurements. <i>Environmental Science: Nano</i> , 2015, 2, 421-428.	4.3	110

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19	Spot the Difference: Engineered and Natural Nanoparticles in the Environment—Release, Behavior, and Fate. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12398-12419.	13.8	210
20	Release of TiO ₂ Nanoparticles from Sunscreens into Surface Waters: A One-Year Survey at the Old Danube Recreational Lake. <i>Environmental Science & Technology</i> , 2014, 48, 5415-5422.	10.0	344
21	Early-stage precipitation kinetics of zinc sulfide nanoclusters forming in the presence of cysteine. <i>Chemical Geology</i> , 2012, 329, 10-17.	3.3	20
22	Mechanism of Silver Nanoparticle Toxicity Is Dependent on Dissolved Silver and Surface Coating in <i>Caenorhabditis elegans</i> . <i>Environmental Science & Technology</i> , 2012, 46, 1119-1127.	10.0	535
23	Biotic and Abiotic Interactions in Aquatic Microcosms Determine Fate and Toxicity of Ag Nanoparticles: Part 2—Toxicity and Ag Speciation. <i>Environmental Science & Technology</i> , 2012, 46, 6925-6933.	10.0	128
24	Biotic and Abiotic Interactions in Aquatic Microcosms Determine Fate and Toxicity of Ag Nanoparticles. Part 1. Aggregation and Dissolution. <i>Environmental Science & Technology</i> , 2012, 46, 6915-6924.	10.0	173
25	Cysteine-Induced Modifications of Zero-valent Silver Nanomaterials: Implications for Particle Surface Chemistry, Aggregation, Dissolution, and Silver Speciation. <i>Environmental Science & Technology</i> , 2012, 46, 7037-7045.	10.0	208
26	Influence of amino acids cysteine and serine on aggregation kinetics of zinc and mercury sulfide colloids. <i>Journal of Colloid and Interface Science</i> , 2010, 347, 167-171.	9.4	45
27	Analysis of size characterized manganese species from liver extracts using capillary zone electrophoresis coupled to inductively coupled plasma mass spectrometry (CZE-ICP-MS). <i>Analytica Chimica Acta</i> , 2006, 573-574, 172-180.	5.4	26