

# LuÃ-s Miguel Nunes

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,514  
citations

279701

23  
h-index

315616

38  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Organochlorine Compounds in Beached Plastics and Marine Organisms. <i>Frontiers in Environmental Science</i> , 2022, 9, .	1.5	2
2	Toxic Elements in Soil and Rice in Ecuador. <i>Agronomy</i> , 2021, 11, 1594.	1.3	3
3	Life-cycle assessment of decentralized solutions for wastewater treatment in small communities. <i>Water Science and Technology</i> , 2021, 84, 1954-1968.	1.2	9
4	Relative contribution of rice and fish consumption to bioaccessibility-corrected health risks for urban residents in eastern China. <i>Environment International</i> , 2021, 155, 106682.	4.8	14
5	Evaluation of GRACE data for water resource management in Iberia: a case study of groundwater storage monitoring in the Algarve region. <i>Journal of Hydrology: Regional Studies</i> , 2020, 32, 100734.	1.0	14
6	Review of Dry and Wet Decentralized Sanitation Technologies for Rural Areas: Applicability, Challenges and Opportunities. <i>Environmental Management</i> , 2020, 65, 642-664.	1.2	22
7	Methyl mercury concentrations in seafood collected from Zhoushan Islands, Zhejiang, China, and their potential health risk for the fishing community. <i>Environment International</i> , 2020, 137, 105420.	4.8	22
8	Effect of cooking on arsenic concentration in rice. <i>Environmental Science and Pollution Research</i> , 2020, 27, 10757-10765.	2.7	23
9	Geographical variations in arsenic contents in rice plants from Latin America and the Iberian Peninsula in relation to soil conditions. <i>Environmental Geochemistry and Health</i> , 2020, 42, 3351-3372.	1.8	13
10	High retention of silver sulfide nanoparticles in natural soils. <i>Journal of Hazardous Materials</i> , 2019, 378, 120735.	6.5	23
11	Mechanisms of algal biomass input enhanced microbial Hg methylation in lake sediments. <i>Environment International</i> , 2019, 126, 279-288.	4.8	49
12	Bioaccessibility-corrected risk assessment of urban dietary methylmercury exposure via fish and rice consumption in China. <i>Science of the Total Environment</i> , 2018, 630, 222-230.	3.9	47
13	Quantitative assessment of the valorisation of used cooking oils in 23 countries. <i>Waste Management</i> , 2018, 78, 611-620.	3.7	61
14	Is filter packing important in a small-scale vermifiltration process of urban wastewater?. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 2411-2422.	1.8	15
15	Optimization of a vermifiltration process for treating urban wastewater. <i>Ecological Engineering</i> , 2017, 100, 138-146.	1.6	32
16	Quantification of health risks in Ecuadorian population due to dietary ingestion of arsenic in rice. <i>Environmental Science and Pollution Research</i> , 2017, 24, 27457-27468.	2.7	11
17	Arsenic in rice agrosystems (water, soil and rice plants) in Guayas and Los R��os provinces, Ecuador. <i>Science of the Total Environment</i> , 2016, 573, 778-787.	3.9	42
18	Are Chinese consumers at risk due to exposure to metals in crayfish? A bioaccessibility-adjusted probabilistic risk assessment. <i>Environment International</i> , 2016, 88, 261-268.	4.8	83

#	ARTICLE	IF	CITATIONS
19	Performance indicators matrix as a methodology for energy management in municipal water services. <i>Journal of Cleaner Production</i> , 2016, 125, 108-120.	4.6	27
20	Life Cycle Assessment of Soil and Groundwater Remediation: Groundwater Impacts of Electrokinetic Remediation. , 2016, , 173-202.		0
21	Selection of sustainability indicators for planning: combining stakeholders' participation and data reduction techniques. <i>Journal of Cleaner Production</i> , 2015, 92, 295-307.	4.6	92
22	Toxicokinetics and tissue distribution of cadmium-based Quantum Dots in the marine mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Pollution</i> , 2015, 204, 207-214.	3.7	32
23	Critical Comparison of Soil Pollution Indices for Assessing Contamination with Toxic Metals. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	30
24	Modeling the spatial and temporal distribution of coastal groundwater discharge for different water use scenarios under epistemic uncertainty: case study in South Portugal. <i>Environmental Earth Sciences</i> , 2015, 73, 2657-2669.	1.3	16
25	Exploring the self-assessment of sustainability indicators by different stakeholders. <i>Ecological Indicators</i> , 2014, 39, 75-83.	2.6	34
26	Quantitative performance targets by using balanced scorecard system: Application to waste management and public administration. <i>Waste Management and Research</i> , 2014, 32, 927-936.	2.2	5
27	Phosphorus Recovery from a Water Reservoirâ€œPotential of Nanofiltration Coupled to Electrolytic Process. <i>Waste and Biomass Valorization</i> , 2013, 4, 675-681.	1.8	5
28	Coverage Methods for Early Groundwater Contamination Detection. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 90, 531-536.	1.3	3
29	Evaluating municipal solid waste management performance in regions with strong seasonal variability. <i>Ecological Indicators</i> , 2013, 30, 170-177.	2.6	44
30	Profiling the ionome of rice and its use in discriminating geographical origins at the regional scale, China. <i>Journal of Environmental Sciences</i> , 2013, 25, 144-154.	3.2	44
31	Framework for the inter-comparison of ecological footprint of universities. <i>Ecological Indicators</i> , 2013, 32, 276-284.	2.6	18
32	Carcinogenic potential of soils contaminated with polycyclic aromatic hydrocarbons (PAHs) in Xiamen metropolis, China. <i>Journal of Environmental Monitoring</i> , 2012, 14, 3111.	2.1	12
33	Developing an integrated approach for the strategic monitoring of regional spatial plans. <i>Land Use Policy</i> , 2012, 29, 641-651.	2.5	27
34	Monitoring and evaluation tool for tourism destinations. <i>Tourism Management Perspectives</i> , 2012, 4, 64-66.	3.2	35
35	Influence of aquifer properties and the spatial and temporal distribution of recharge and abstraction on sustainable yields in semiâ€œarid regions. <i>Hydrological Processes</i> , 2012, 26, 2791-2801.	1.1	25
36	Optimizing the location of weather monitoring stations using estimation uncertainty. <i>International Journal of Climatology</i> , 2012, 32, 941-952.	1.5	11

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37	Geochemistry of thermal waters of the Sikhote-Alin ridge, Russia. , 2012, , 153-158.		0
38	Environmental impacts on soil and groundwater at airports: origin, contaminants of concern and environmental risks. Journal of Environmental Monitoring, 2011, 13, 3026.	2.1	17
39	Optimization of the Operation of Large-Scale Multisource Water-Supply Systems. Journal of Water Resources Planning and Management - ASCE, 2011, 137, 150-161.	1.3	34
40	Inorganic arsenic in Chinese food and its cancer risk. Environment International, 2011, 37, 1219-1225.	4.8	328
41	The impact of natural organic matter seasonal variations in drinking water quality. Desalination and Water Treatment, 2011, 36, 344-353.	1.0	15
42	Screening of sustainable groundwater sources for integration into a regional drought-prone water supply system. Hydrology and Earth System Sciences, 2009, 13, 1185-1199.	1.9	22
43	Comparison of Varianceâ€Reduction and Spaceâ€Filling Approaches for the Design of Environmental Monitoring Networks. Computer-Aided Civil and Infrastructure Engineering, 2007, 22, 489-498.	6.3	11
44	Optimal estuarine sediment monitoring network design with simulated annealing. Journal of Environmental Management, 2006, 78, 294-304.	3.8	11
45	The water crisis in southern Portugal: how did we get there and how should we solve it. WIT Transactions on Ecology and the Environment, 2006, , .	0.0	8
46	Optimal Space-time Coverage and Exploration Costs in Groundwater Monitoring Networks. Environmental Monitoring and Assessment, 2004, 93, 103-124.	1.3	31
47	Groundwater Monitoring Network Optimization with Redundancy Reduction. Journal of Water Resources Planning and Management - ASCE, 2004, 130, 33-43.	1.3	62
48	Groundwater nitrate monitoring network optimization with missing data. Water Resources Research, 2004, 40, .	1.7	27