

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
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49
all docs

49
docs citations

49
times ranked

2151
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Inorganic arsenic in Chinese food and its cancer risk. <i>Environment International</i> , 2011, 37, 1219-1225. | 4.8 | 328 |
| 2 | 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 |
| 3 | 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 |
| 4 | Groundwater Monitoring Network Optimization with Redundancy Reduction. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2004, 130, 33-43. | 1.3 | 62 |
| 5 | Quantitative assessment of the valorisation of used cooking oils in 23 countries. <i>Waste Management</i> , 2018, 78, 611-620. | 3.7 | 61 |
| 6 | Mechanisms of algal biomass input enhanced microbial Hg methylation in lake sediments. <i>Environment International</i> , 2019, 126, 279-288. | 4.8 | 49 |
| 7 | 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 |
| 8 | Evaluating municipal solid waste management performance in regions with strong seasonal variability. <i>Ecological Indicators</i> , 2013, 30, 170-177. | 2.6 | 44 |
| 9 | 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 |
| 10 | 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 |
| 11 | Monitoring and evaluation tool for tourism destinations. <i>Tourism Management Perspectives</i> , 2012, 4, 64-66. | 3.2 | 35 |
| 12 | Optimization of the Operation of Large-Scale Multisource Water-Supply Systems. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2011, 137, 150-161. | 1.3 | 34 |
| 13 | Exploring the self-assessment of sustainability indicators by different stakeholders. <i>Ecological Indicators</i> , 2014, 39, 75-83. | 2.6 | 34 |
| 14 | 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 |
| 15 | Optimization of a vermifiltration process for treating urban wastewater. <i>Ecological Engineering</i> , 2017, 100, 138-146. | 1.6 | 32 |
| 16 | Optimal Space-time Coverage and Exploration Costs in Groundwater Monitoring Networks. <i>Environmental Monitoring and Assessment</i> , 2004, 93, 103-124. | 1.3 | 31 |
| 17 | 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 |
| 18 | Groundwater nitrate monitoring network optimization with missing data. <i>Water Resources Research</i> , 2004, 40, . | 1.7 | 27 |

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|----|---|-----|-----------|
| 19 | Developing an integrated approach for the strategic monitoring of regional spatial plans. <i>Land Use Policy</i> , 2012, 29, 641-651. | 2.5 | 27 |
| 20 | 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 |
| 21 | Influence of aquifer properties and the spatial and temporal distribution of recharge and abstraction on sustainable yields in semi-arid regions. <i>Hydrological Processes</i> , 2012, 26, 2791-2801. | 1.1 | 25 |
| 22 | High retention of silver sulfide nanoparticles in natural soils. <i>Journal of Hazardous Materials</i> , 2019, 378, 120735. | 6.5 | 23 |
| 23 | Effect of cooking on arsenic concentration in rice. <i>Environmental Science and Pollution Research</i> , 2020, 27, 10757-10765. | 2.7 | 23 |
| 24 | Screening of sustainable groundwater sources for integration into a regional drought-prone water supply system. <i>Hydrology and Earth System Sciences</i> , 2009, 13, 1185-1199. | 1.9 | 22 |
| 25 | 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 |
| 26 | 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 |
| 27 | Framework for the inter-comparison of ecological footprint of universities. <i>Ecological Indicators</i> , 2013, 32, 276-284. | 2.6 | 18 |
| 28 | Environmental impacts on soil and groundwater at airports: origin, contaminants of concern and environmental risks. <i>Journal of Environmental Monitoring</i> , 2011, 13, 3026. | 2.1 | 17 |
| 29 | 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 |
| 30 | The impact of natural organic matter seasonal variations in drinking water quality. <i>Desalination and Water Treatment</i> , 2011, 36, 344-353. | 1.0 | 15 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | Optimal estuarine sediment monitoring network design with simulated annealing. <i>Journal of Environmental Management</i> , 2006, 78, 294-304. | 3.8 | 11 |

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|----|--|-----|-----------|
| 37 | Comparison of Varianceâ€Reduction and Spaceâ€Filling Approaches for the Design of Environmental Monitoring Networks. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2007, 22, 489-498. | 6.3 | 11 |
| 38 | Optimizing the location of weather monitoring stations using estimation uncertainty. <i>International Journal of Climatology</i> , 2012, 32, 941-952. | 1.5 | 11 |
| 39 | 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 |
| 40 | 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 |
| 41 | The water crisis in southern Portugal: how did we get there and how should we solve it. <i>WIT Transactions on Ecology and the Environment</i> , 2006, , . | 0.0 | 8 |
| 42 | Phosphorus Recovery from a Water Reservoirâ€Potential of Nanofiltration Coupled to Electrodialytic Process. <i>Waste and Biomass Valorization</i> , 2013, 4, 675-681. | 1.8 | 5 |
| 43 | 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 |
| 44 | Coverage Methods for Early Groundwater Contamination Detection. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 90, 531-536. | 1.3 | 3 |
| 45 | Toxic Elements in Soil and Rice in Ecuador. <i>Agronomy</i> , 2021, 11, 1594. | 1.3 | 3 |
| 46 | Organochlorine Compounds in Beached Plastics and Marine Organisms. <i>Frontiers in Environmental Science</i> , 2022, 9, . | 1.5 | 2 |
| 47 | Geochemistry of thermal waters of the Sikhote-Alin ridge, Russia. , 2012, , 153-158. | | 0 |
| 48 | Life Cycle Assessment of Soil and Groundwater Remediation: Groundwater Impacts of Electrokinetic Remediation. , 2016, , 173-202. | | 0 |