

# Nidia Dana Lourenco

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

2,263  
citations

471371

17  
h-index

477173

29  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2708  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyhydroxyalkanoates from a Mixed Microbial Culture: Extraction Optimization and Polymer Characterization. <i>Polymers</i> , 2022, 14, 2155.	2.0	14
2	A Combined Vermifiltration-Hydroponic System for Swine Wastewater Treatment. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5064.	1.3	5
3	Raman Spectrometry as a Tool for an Online Control of a Phototrophic Biological Nutrient Removal Process. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6600.	1.3	3
4	Monitoring pilot-scale polyhydroxyalkanoate production from fruit pulp waste using near-infrared spectroscopy. <i>Biochemical Engineering Journal</i> , 2021, 176, 108210.	1.8	8
5	<i>Oerskovia paurometabola</i> can efficiently decolorize azo dye Acid Red 14 and remove its recalcitrant metabolite. <i>Ecotoxicology and Environmental Safety</i> , 2020, 191, 110007.	2.9	45
6	Recent developments in textile wastewater biotreatment: dye metabolite fate, aerobic granular sludge systems and engineered nanoparticles. <i>Reviews in Environmental Science and Biotechnology</i> , 2020, 19, 149-190.	3.9	16
7	Marine Environmental Plastic Pollution: Mitigation by Microorganism Degradation and Recycling Valorization. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	86
8	Biodegradation Products of a Sulfonated Azo Dye in Aerobic Granular Sludge Sequencing Batch Reactors Treating Simulated Textile Wastewater. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14697-14706.	3.2	28
9	Stability of aerobic granules during long-term bioreactor operation. <i>Biotechnology Advances</i> , 2018, 36, 228-246.	6.0	218
10	Desenvolvimento de um biorreator de gr�nulos aer�bios para tratamento de �gua residu�ria sint�tica e reativa�o do sistema ap�s parada prolongada. <i>Engenharia Sanitaria E Ambiental</i> , 2018, 23, 757-766.	0.1	1
11	Using nuclear microscopy to characterize the interaction of textile-used silver nanoparticles with a biological wastewater treatment system. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2017, 404, 150-154.	0.6	3
12	Effect of SBR feeding strategy and feed composition on the stability of aerobic granular sludge in the treatment of a simulated textile wastewater. <i>Water Science and Technology</i> , 2017, 76, 1188-1195.	1.2	15
13	Calibration Transfer Between a Bench Scanning and a Submersible Diode Array Spectrophotometer for In Situ Wastewater Quality Monitoring in Sewer Systems. <i>Applied Spectroscopy</i> , 2016, 70, 443-454.	1.2	8
14	Comparing aerobic granular sludge and flocculent sequencing batch reactor technologies for textile wastewater treatment. <i>Biochemical Engineering Journal</i> , 2015, 104, 57-63.	1.8	53
15	Effect of sequencing batch cycle strategy on the treatment of a simulated textile wastewater with aerobic granular sludge. <i>Biochemical Engineering Journal</i> , 2015, 104, 106-114.	1.8	36
16	Effect of an azo dye on the performance of an aerobic granular sludge sequencing batch reactor treating a simulated textile wastewater. <i>Water Research</i> , 2015, 85, 327-336.	5.3	89
17	<i>In situ</i> UV-Vis spectroscopy to estimate COD and TSS in wastewater drainage systems. <i>Urban Water Journal</i> , 2014, 11, 261-273.	1.0	42
18	Fuel park wastewater monitoring with UV-Vis spectra and partial least squares models. <i>Macedonian Journal of Chemistry and Chemical Engineering</i> , 2013, 27, 19.	0.2	1

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19	Espectrofotometria para monitoriza�o da qualidade de �gua residual em drenagem urbana. Revista Recursos H�dricos, 2013, 34, 5-16.	0.1	0
20	Bioreactor monitoring with spectroscopy and chemometrics: a review. Analytical and Bioanalytical Chemistry, 2012, 404, 1211-1237.	1.9	204
21	Effect of a respiratory inhibitor on the bioconversion of a xenobiotic by activated sludge. , 2010, , .		0
22	Use of Spectra in the Visible and Near-Mid-Ultraviolet Range with Principal Component Analysis and Partial Least Squares Processing for Monitoring of Suspended Solids in Municipal Wastewater Treatment Plants. Applied Spectroscopy, 2010, 64, 1061-1067.	1.2	15
23	Effect of the introduction of an anaerobic phase on the protozoa community of an SBR used for biodecolorization of an azo dye. , 2009, , .		0
24	Treatment of colored textile wastewater in SBR with emphasis on the biodegradation of sulfonated aromatic amines. Water Practice and Technology, 2009, 4, .	1.0	3
25	DEVELOPMENT OF PLS CALIBRATION MODELS FROM UV�VIS SPECTRA FOR TOC ESTIMATION AT THE OUTLET OF A FUEL PARK WASTEWATER TREATMENT PLANT. Environmental Technology (United Kingdom), 2008, 29, 891-898.	1.2	20
26	UV spectra analysis for water quality monitoring in a fuel park wastewater treatment plant. Chemosphere, 2006, 65, 786-791.	4.2	38
27	Kinetic Studies of Reactive Azo Dye Decolorization in Anaerobic/aerobic Sequencing Batch Reactors. Biotechnology Letters, 2006, 28, 733-739.	1.1	32
28	Analysis of secondary metabolite fate during anaerobic�aerobic azo dye biodegradation in a sequential batch reactor. Environmental Technology (United Kingdom), 2003, 24, 679-686.	1.2	25
29	Carrageenan: A Food-Grade and Biocompatible Support for Immobilisation Techniques. Advanced Synthesis and Catalysis, 2002, 344, 815-835.	2.1	127
30	Effect of some operational parameters on textile dye biodegradation in a sequential batch reactor. Journal of Biotechnology, 2001, 89, 163-174.	1.9	180
31	Improved operational stability of peroxidases by coimmobilization with glucose oxidase. Biotechnology and Bioengineering, 2000, 69, 286-291.	1.7	136
32	Reactive textile dye colour removal in a sequencing batch reactor. Water Science and Technology, 2000, 42, 321-328.	1.2	116
33	Improved operational stability of peroxidases by coimmobilization with glucose oxidase. Biotechnology and Bioengineering, 2000, 69, 286-291.	1.7	1
34	Colour in textile effluents - sources, measurement, discharge consents and simulation: a review. , 1999, 74, 1009-1018.		689
35	Advanced oxidation for aromatic amine mineralization after aerobic granular sludge treatment of an azo dye containing wastewater. , 0, 91, 168-174.		6