Nidia Dana Lourenco

List of Publications by Year
in descending order

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	Colour in textile effluents - sources, measurement, discharge consents and simulation: a review. , 1999, 74, 1009-1018.		689
2	Stability of aerobic granules during long-term bioreactor operation. Biotechnology Advances, 2018, 36, 228-246.	6.0	218
3	Bioreactor monitoring with spectroscopy and chemometrics: a review. Analytical and Bioanalytical Chemistry, 2012, 404, 1211-1237.	1.9	204
4	Effect of some operational parameters on textile dye biodegradation in a sequential batch reactor. Journal of Biotechnology, 2001, 89, 163-174.	1.9	180
5	Improved operational stability of peroxidases by coimmobilization with glucose oxidase. Biotechnology and Bioengineering, 2000, 69, 286-291.	1.7	136
6	Carrageenan: A Food-Grade and Biocompatible Support for Immobilisation Techniques. Advanced Synthesis and Catalysis, 2002, 344, 815-835.	2.1	127
7	Reactive textile dye colour removal in a sequencing batch reactor. Water Science and Technology, 2000, 42, 321-328.	1.2	116
8	Effect of an azo dye on the performance of an aerobic granular sludge sequencing batch reactor treating a simulated textile wastewater. Water Research, 2015, 85, 327-336.	5.3	89
9	Marine Environmental Plastic Pollution: Mitigation by Microorganism Degradation and Recycling Valorization. Frontiers in Marine Science, 2020, 7, .	1.2	86
10	Comparing aerobic granular sludge and flocculent sequencing batch reactor technologies for textile wastewater treatment. Biochemical Engineering Journal, 2015, 104, 57-63.	1.8	53
11	Oerskovia paurometabola can efficiently decolorize azo dye Acid Red 14 and remove its recalcitrant metabolite. Ecotoxicology and Environmental Safety, 2020, 191, 110007.	2.9	45
12	<i>In situ</i> UV-Vis spectroscopy to estimate COD and TSS in wastewater drainage systems. Urban Water Journal, 2014, 11, 261-273.	1.0	42
13	UV spectra analysis for water quality monitoring in a fuel park wastewater treatment plant. Chemosphere, 2006, 65, 786-791.	4.2	38
14	Effect of sequencing batch cycle strategy on the treatment of a simulated textile wastewater with aerobic granular sludge. Biochemical Engineering Journal, 2015, 104, 106-114.	1.8	36
15	Kinetic Studies of Reactive Azo Dye Decolorization in Anaerobic/aerobic Sequencing Batch Reactors. Biotechnology Letters, 2006, 28, 733-739.	1.1	32
16	Biodegradation Products of a Sulfonated Azo Dye in Aerobic Granular Sludge Sequencing Batch Reactors Treating Simulated Textile Wastewater. ACS Sustainable Chemistry and Engineering, 2019, 7, 14697-14706.	3.2	28
17	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
18	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

#	Article	IF	Citations
19	Recent developments in textile wastewater biotreatment: dye metabolite fate, aerobic granular sludge systems and engineered nanoparticles. Reviews in Environmental Science and Biotechnology, 2020, 19, 149-190.	3.9	16
20	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
21	Effect of SBR feeding strategy and feed composition on the stability of aerobic granular sludge in the treatment of a simulated textile wastewater. Water Science and Technology, 2017, 76, 1188-1195.	1.2	15
22	Polyhydroxyalkanoates from a Mixed Microbial Culture: Extraction Optimization and Polymer Characterization. Polymers, 2022, 14, 2155.	2.0	14
23	Calibration Transfer Between a Bench Scanning and a Submersible Diode Array Spectrophotometer for In Situ Wastewater Quality Monitoring in Sewer Systems. Applied Spectroscopy, 2016, 70, 443-454.	1.2	8
24	Monitoring pilot-scale polyhydroxyalkanoate production from fruit pulp waste using near-infrared spectroscopy. Biochemical Engineering Journal, 2021, 176, 108210.	1.8	8
25	Advanced oxidation for aromatic amine mineralization after aerobic granular sludge treatment of an azo dye containing wastewater. , 0, 91, 168-174.		6
26	A Combined Vermifiltration-Hydroponic System for Swine Wastewater Treatment. Applied Sciences (Switzerland), 2021, 11, 5064.	1.3	5
27	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
28	Using nuclear microscopy to characterize the interaction of textile-used silver nanoparticles with a biological wastewater treatment system. Nuclear Instruments & Methods in Physics Research B, 2017, 404, 150-154.	0.6	3
29	Raman Spectrometry as a Tool for an Online Control of a Phototrophic Biological Nutrient Removal Process. Applied Sciences (Switzerland), 2021, 11, 6600.	1.3	3
30	Desenvolvimento de um biorreator de grânulos aeróbios para tratamento de água residuária sintética e reativação do sistema após parada prolongada. Engenharia Sanitaria E Ambiental, 2018, 23, 757-766.	0.1	1
31	Improved operational stability of peroxidases by coimmobilization with glucose oxidase. Biotechnology and Bioengineering, 2000, 69, 286-291.	1.7	1
32	Fuel park wastewater monitoring with UV-Vis spectra and partial least squares models. Macedonian Journal of Chemistry and Chemical Engineering, 2013, 27, 19.	0.2	1
33	Effect of the introduction of an anaerobic phase on the protozoa community of an SBR used for biodecolorization of an azo dye. , 2009, , .		0
34	Effect of a respiratory inhibitor on the bioconversion of a xenobiotic by activated sludge. , 2010, , .		0
35	Espectrofotometria para monitorização da qualidade de água residual em drenagem urbana. Revista Recursos Hídricos, 2013, 34, 5-16.	0.1	0