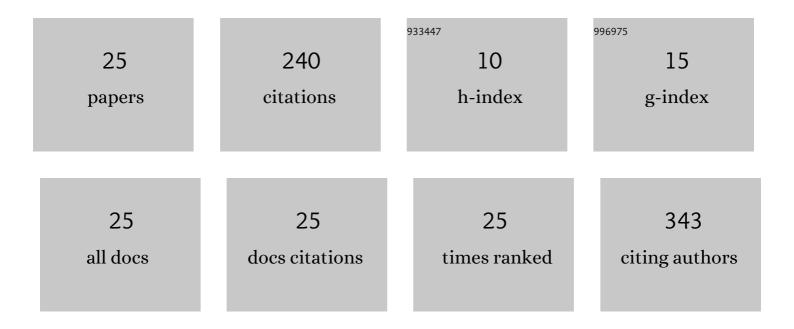
Alberto Ordaz

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Airlift bioreactors for hydrocarbon water pollution remediation in a tourism development pole. Desalination and Water Treatment, 2015, 54, 44-49.	1.0	27
2	A microrespirometric method for the determination of stoichiometric and kinetic parameters of heterotrophic and autotrophic cultures. Biochemical Engineering Journal, 2014, 83, 70-78.	3.6	20
3	<i>K</i> _{<i>L</i>} <i>a</i> measurement in twoâ€phase partitioning bioreactors: new insights on potential errors at low power input. Journal of Chemical Technology and Biotechnology, 2010, 85, 1407-1412.	3.2	19
4	Assessment of methane biodegradation kinetics in two-phase partitioning bioreactors by pulse respirometry. Water Research, 2014, 67, 46-54.	11.3	19
5	Enhanced sulfate reduction and trichloroethylene (TCE) biodegradation in a UASB reactor operated with a sludge developed from hydrothermal vents sediments: Process and microbial ecology. International Biodeterioration and Biodegradation, 2014, 94, 182-191.	3.9	19
6	Kinetic and stoichiometric parameters estimation in a nitrifying bubble column through "in-situ― pulse respirometry. Biotechnology and Bioengineering, 2008, 100, 94-102.	3.3	16
7	Kinetic and stoichiometric characterization of a fixed biofilm reactor by pulse respirometry. Journal of Biotechnology, 2012, 157, 173-179.	3.8	15
8	Comparison of static and dynamic respirometry for the determination of stoichiometric and kinetic parameters of a nitrifying process. Biodegradation, 2013, 24, 675-684.	3.0	15
9	In situ pulse respirometric methods for the estimation of kinetic and stoichiometric parameters in aerobic microbial communities. Biochemical Engineering Journal, 2011, 58-59, 12-19.	3.6	14
10	High Sulfate Reduction Efficiency in a UASB Using an Alternative Source of Sulfidogenic Sludge Derived from Hydrothermal Vent Sediments. Applied Biochemistry and Biotechnology, 2014, 174, 2919-2940.	2.9	13
11	Trichloroethylene (TCE) biodegradation and its effect on sulfate reducing activity in enriched sulfidogenic cultures prevenient from a UASB maintained at 20°C. International Biodeterioration and Biodegradation, 2013, 83, 92-96.	3.9	10
12	New insights on O2 uptake mechanisms in two-phase partitioning bioreactors. Biotechnology Letters, 2010, 32, 223-228.	2.2	8
13	Determination of apparent kinetic and stoichiometric parameters in a nitrifying fixed-bed reactor by in situ pulse respirometry. Biochemical Engineering Journal, 2011, 55, 123-130.	3.6	8
14	Respirometric response and microbial succession of nitrifying sludge to m-cresol pulses in a sequencing batch reactor. Biodegradation, 2017, 28, 81-94.	3.0	6
15	Effect of the heightâ€toâ€diameter ratio on the mass transfer and mixing performance of a biotrickling filter. Journal of Chemical Technology and Biotechnology, 2018, 93, 121-126.	3.2	5
16	Determination of Kinetic and Stoichiometric Parameters of Pseudomonas putida F1 by Chemostat and In Situ Pulse Respirometry. Chemical Product and Process Modeling, 2009, 4, .	0.9	4
17	Characterization of a Marine Microbial Community Used for Enhanced Sulfate Reduction and Copper Precipitation in a Two-Step Process. Applied Biochemistry and Biotechnology, 2017, 182, 452-467.	2.9	4
18	Microrespirometric assessment of the metal–organic framework [Co ₂ (btec)(bipy)(DMF) ₂] _n ("MOF-Coâ€) to prevent inhibition by arsenic in activated sludge. Environmental Science: Water Research and Technology, 2020, 6, 1153-1162.	2.4	4

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19	High-throughput microrespirometric characterization of activated sludge inhibition by silver nanoparticles. Environmental Science: Water Research and Technology, 2018, 4, 721-730.	2.4	3
20	Characterization of kinetic parameters and mass transfer resistance in an aerobic fixed-bed reactor by in-situ respirometry. Biochemical Engineering Journal, 2019, 146, 194-202.	3.6	3
21	Tolerance of a sulfidogenic sludge to trichloroethylene at microcosms level as a basis for a long-term operation of reactors designed for its biodegradation. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2019, 54, 461-471.	1.7	2
22	Assessment of the tolerance to Fe, Cu and Zn of a sulfidogenic sludge generated from hydrothermal vents sediments as a basis for its application on metals precipitation. Molecular Biology Reports, 2020, 47, 6165-6177.	2.3	2
23	Sulfate reduction in a sludge gradually acclimated to acetate as the sole electron donor and its potential application as inoculum in a microbial fuel cell. Revista Mexicana De Ingeniera Quimica, 2020, 19, 1053-1069.	0.4	2
24	Pulse Respirometry in Two-Phase Partitioning Bioreactors: Case Study of Terephthalic Acid Biodegradation. Applied Biochemistry and Biotechnology, 2013, 169, 810-820.	2.9	1
25	Influence of Fe2+ and Fe3+ on the Performance and Microbial Community Composition of a MFC Inoculated with Sulfate-Reducing Sludge and Acetate as Electron Donor. Journal of Chemistry, 2022, 2022, 1-12.	1.9	1