

Marlene D Roeckel

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Arsenite-Oxidizing Bacteria Isolated from Arsenic-Rich Sediments, Atacama Desert, Chile. <i>Microorganisms</i> , 2021, 9, 483.	1.6	11
2	The prediction of partial-nitrification-anammox performance in real industrial wastewater based on granular size. <i>Journal of Environmental Management</i> , 2021, 286, 112255.	3.8	9
3	Efficient poultry manure management: anaerobic digestion with short hydraulic retention time to achieve high methane production. <i>Poultry Science</i> , 2019, 98, 6636-6643.	1.5	3
4	Low oxygen start-up of partial nitrification-anammox process: mechanical or gas agitation?. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 475-483.	1.6	7
5	Influence of biomass acclimation on the performance of a partial nitritation-anammox reactor treating industrial saline effluents. <i>Chemosphere</i> , 2018, 194, 131-138.	4.2	44
6	Effluent composition prediction of a two-stage anaerobic digestion process: machine learning and stoichiometry techniques. <i>Environmental Science and Pollution Research</i> , 2018, 25, 21149-21163.	2.7	42
7	Modeling of the Nanoparticles Absorption Under a Gastrointestinal Simulated Ambient Condition. <i>AAPS PharmSciTech</i> , 2017, 18, 2691-2701.	1.5	8
8	NOB suppression and adaptation strategies in the partial nitrification-anammox process for a poultry manure anaerobic digester. <i>Process Biochemistry</i> , 2017, 58, 258-265.	1.8	33
9	Antioxidant and anti-inflammatory activities of <i>Pinus radiata</i> bark extract in salmonid cell lines. <i>Aquaculture Research</i> , 2017, 48, 3568-3578.	0.9	7
10	Modification of chitosan to deliver grapes proanthocyanidins: Physicochemical and biological evaluation. <i>LWT - Food Science and Technology</i> , 2016, 73, 640-648.	2.5	19
11	Technical and economical optimization of a full-scale poultry manure treatment process: total ammonia nitrogen balance. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 2865-2878.	1.2	4
12	The presence of organic matter during autotrophic nitrogen removal: Problem or opportunity?. <i>Separation and Purification Technology</i> , 2016, 166, 102-108.	3.9	47
13	Simultaneous removal of C and N from fish effluents in filter reactors: Effect of recirculation ratio on the axial distribution of microbial communities. <i>Journal of Environmental Management</i> , 2015, 161, 366-374.	3.8	3
14	Startup and oxygen concentration effects in a continuous granular mixed flow autotrophic nitrogen removal reactor. <i>Bioresource Technology</i> , 2015, 190, 345-351.	4.8	52
15	Simultaneous C and N removal from saline salmon effluents in filter reactors comprising anoxic-anaerobic-aerobic processes: Effect of recycle ratio. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014, 49, 584-592.	0.9	8
16	Microscopic Modeling of <i>Pinus</i> Grape Seed Extract Absorption in the Small Intestine. <i>AAPS PharmSciTech</i> , 2014, 15, 103-110.	1.5	9
17	Heavy metals removal from influents to prevent mortality in salmon fry. <i>Aquacultural Engineering</i> , 2014, 58, 103-106.	1.4	1
18	EFFECT OF THE BENCH SCALE EXTRACTION CONDITIONS ON <i>Pinus radiata</i> BARK EXTRACT YIELD, ANTIOXIDANT PROPERTIES AND COMPOSITION. <i>Maderas: Ciencia Y Tecnologia</i> , 2013, , 0-0.	0.7	9

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19	Modeling of simultaneous denitrification and nitrification in an anoxic-anaerobic-aerobic compact filter reactor. <i>Journal of Biotechnology</i> , 2012, 160, 176-188.	1.9	8
20	Modelling of integrated anoxic-anaerobic-aerobic treatment for salmon fishery wastewater in an upflow fixed-bed biofilm reactor. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 607-622.	1.2	3
21	Influence of the structure and composition of the Pae grape proanthocyanidins on the inhibition of angiotensin I-converting enzyme (ACE). <i>Food Chemistry</i> , 2012, 134, 346-350.	4.2	16
22	Use of biomass for the removal of heavy metals at low concentrations from freshwater for Chilean Atlantic salmon farms. <i>Aquacultural Engineering</i> , 2012, 49, 1-9.	1.4	10
23	Comparison of the composition of <i>Pinus radiata</i> bark extracts obtained at bench- and pilot-scales. <i>Industrial Crops and Products</i> , 2012, 38, 21-26.	2.5	46
24	Inhibition of the angiotensin-converting enzyme by grape seed and skin proanthocyanidins extracted from <i>Vitis vinifera</i> L. cv. Pae. <i>LWT - Food Science and Technology</i> , 2011, 44, 860-865.	2.5	24
25	Modeling of the denitrification/anaerobic digestion process of salmon fishery wastewater in a biofilm tubular reactor. <i>Journal of Environmental Management</i> , 2011, 92, 1591-1608.	3.8	17
26	Dynamic modeling of partial nitrification in a rotating disk biofilm reactor: Calibration, validation and simulation. <i>Biochemical Engineering Journal</i> , 2010, 52, 7-18.	1.8	21
27	Scaling up parameters for shelf-life extension of Atlantic Salmon (<i>Salmo salar</i>) fillets using superchilling and modified atmosphere packaging. <i>Food Control</i> , 2010, 21, 857-862.	2.8	24
28	Model of simultaneous denitrification and methanogenesis in an Upflow Packed-Bed Biofilm Reactor: Nitrogen compounds' inhibition and pseudo two-dimensional biofilm model. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 254-268.	1.6	17
29	Shelf-life extension on fillets of Atlantic Salmon (<i>Salmo salar</i>) using natural additives, superchilling and modified atmosphere packaging. <i>Food Control</i> , 2009, 20, 1036-1042.	2.8	91
30	Effect of pre-treatment with carbon monoxide and film properties on the quality of vacuum packaging of beef chops. <i>Packaging Technology and Science</i> , 2008, 21, 395-404.	1.3	19
31	Kinetics of syntrophic acetogenesis in a saline medium. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 1433-1440.	1.6	7
32	ORGANIC AND NITROGENOUS MATTER EFFECTS ON THE DENITRIFICATION OF SALINE AND PROTEIN-RICH EFFLUENTS. <i>Environmental Technology (United Kingdom)</i> , 2008, 29, 881-890.	1.2	4
33	THE EFFECT OF SODIUM CHLORIDE ON THE DENITRIFICATION OF SALINE FISHERY WASTEWATERS. <i>Environmental Technology (United Kingdom)</i> , 2008, 29, 871-879.	1.2	15
34	Operating Parameters for High Nitrite Accumulation during Nitrification in a Rotating Biological Nitrifying Contactor. <i>Water Environment Research</i> , 2007, 79, 1006-1014.	1.3	17
35	Kinetics of cross-inhibited denitrification of a high load wastewater. <i>Enzyme and Microbial Technology</i> , 2007, 40, 1627-1634.	1.6	28
36	Optimization of the simultaneous removal of nitrogen and organic matter from fishery wastewaters. <i>Environmental Progress</i> , 2005, 24, 297-304.	0.8	3

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37	Rate of ammonia oxidation in a synthetic saline wastewater by a nitrifying mixed-culture. Journal of Chemical Technology and Biotechnology, 2005, 80, 1261-1267.	1.6	19
38	The Effect of Sodium Chloride on the Two-Step Kinetics of the Nitrifying Process. Water Environment Research, 2004, 76, 73-80.	1.3	29
39	High Nitrite Buildup During Nitrification in a Rotating Disk Reactor. Water Environment Research, 2003, 75, 151-162.	1.3	11
40	GROWTH AND CHARACTERIZATION OF THE HISTAMINE-FORMING BACTERIA OF JACK MACKEREL (TRACHURUS) Tj ETQq0 0 0 rgBT /Ove 0.9 10 ⁸		
41	Nitrifying Biomass Acclimation to High Ammonia Concentration. Journal of Environmental Engineering, ASCE, 2002, 128, 367-375.	0.7	15
42	Nitrification rates in a saline medium at different dissolved oxygen concentrations. Biotechnology Letters, 2001, 23, 1597-1602.	1.1	12
43	Optimization of a Sequential Anaerobic-Aerobic Treatment of a Saline Fishing Effluent. Chemical Engineering Research and Design, 1999, 77, 275-290.	2.7	7
44	Evaluation of clean technology processes in the marine products processing industry. Journal of Chemical Technology and Biotechnology, 1998, 73, 217-226.	1.6	8
45	Anaerobic treatment of fishery wastewater using a marine sediment inoculum. Water Research, 1997, 31, 2147-2160.	5.3	86
46	Title is missing!. Biotechnology Letters, 1997, 19, 241-244.	1.1	17
47	Treatment of recycled wastewaters from fishmeal factory by an anaerobic filter. Biotechnology Letters, 1997, 19, 117-122.	1.1	39
48	Title is missing!. Biotechnology Letters, 1997, 11, 163-166.	0.5	4
49	Achieving Clean Technology in the Fish-Meal Industry by Addition of a New Process Step. Journal of Chemical Technology and Biotechnology, 1996, 67, 96-104.	1.6	17
50	Clean technology in fish processing industries. Journal of Cleaner Production, 1994, 2, 31-35.	4.6	1
51	Fat removal from process waters of the fish meal industry. A study of three flotation methods. Environmental Technology (United Kingdom), 1994, 15, 29-39.	1.2	8
52	Recovery of proteins from fishmeal factory wastewaters. Process Biochemistry, 1994, 29, 39-46.	1.8	16
53	EXPERIMENTAL STUDY ON MIXING: POWER CONSUMPTION AND DEGREE OF SUSPENSION. Chemical Engineering Communications, 1986, 44, 331-346.	1.5	3