Anca G Delgado

List of Publications by Year
in descending order

24	588	516215 16	610482 24
papers	citations	h-index	g-index

25	25	25	604
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Continuous-mode acclimation and operation of lignocellulosic sulfate-reducing bioreactors for enhanced metal immobilization from acidic mining-influenced water. Journal of Hazardous Materials, 2022, 425, 128054.	6.5	7
2	Biodegradation of petroleum hydrocarbons in a weathered, unsaturated soil is inhibited by peroxide oxidants. Journal of Hazardous Materials, 2022, 433, 128770.	6.5	15
3	Organic carbon metabolism is a main determinant of hydrogen demand and dynamics in anaerobic soils. Chemosphere, 2022, 303, 134877.	4.2	3
4	Use of microbially desulfurized rubber to produce sustainable rubberized bitumen. Resources, Conservation and Recycling, 2021, 164, 105144.	5.3	37
5	The occurrence and ecology of microbial chain elongation of carboxylates in soils. ISME Journal, 2021, 15, 1907-1918.	4.4	33
6	Microbial Chain Elongation and Subsequent Fermentation of Elongated Carboxylates as H₂-Producing Processes for Sustained Reductive Dechlorination of Chlorinated Ethenes. Environmental Science & Technology, 2021, 55, 10398-10410.	4.6	30
7	An Ion Chromatography Method for Simultaneous Quantification of Chromate, Arsenate, Selenate, Perchlorate, and Other Inorganic Anions in Environmental Media. Environmental Engineering Science, 2021, 38, 626-634.	0.8	6
8	Synergistic Zerovalent Iron (Fe⁰) and Microbiological Trichloroethene and Perchlorate Reductions Are Determined by the Concentration and Speciation of Fe. Environmental Science & Technology, 2020, 54, 14422-14431.	4.6	23
9	Multicycle Ozonation+Bioremediation for Soils Containing Residual Petroleum. Environmental Engineering Science, 2019, 36, 1443-1451.	0.8	10
10	Impacts of moisture content during ozonation of soils containing residual petroleum. Journal of Hazardous Materials, 2018, 344, 1101-1108.	6.5	12
11	Optical fiber-mediated photosynthesis for enhanced subsurface oxygen delivery. Chemosphere, 2018, 195, 742-748.	4.2	8
12	Evolution of microbial communities growing with carbon monoxide, hydrogen, and carbon dioxide. FEMS Microbiology Ecology, 2017, 93, .	1.3	31
13	Interpreting Interactions between Ozone and Residual Petroleum Hydrocarbons in Soil. Environmental Science & Technology, 2017, 51, 506-513.	4.6	38
14	Coupling Bioflocculation of Dehalococcoides mccartyi to High-Rate Reductive Dehalogenation of Chlorinated Ethenes. Environmental Science & Technology, 2017, 51, 11297-11307.	4.6	18
15	The effects of CO2 and H2 on CO metabolism by pure and mixed microbial cultures. Biotechnology for Biofuels, 2017, 10, 220.	6.2	40
16	Archaea and Bacteria Acclimate to High Total Ammonia in a Methanogenic Reactor Treating Swine Waste. Archaea, 2016, 2016, 1-10.	2.3	26
17	Carbonaceous nano-additives augment microwave-enabled thermal remediation of soils containing petroleum hydrocarbons. Environmental Science: Nano, 2016, 3, 997-1002.	2.2	21
18	Ozone enhances biodegradability of heavy hydrocarbons in soil. Journal of Environmental Engineering and Science, 2016, 11, 7-17.	0.3	32

#	Article	IF	Citations
19	Treatment of Heavy, Long-Chain Petroleum-Hydrocarbon Impacted Soils Using Chemical Oxidation. Journal of Environmental Engineering, ASCE, 2016, 142, .	0.7	24
20	Impact of Ammonium on Syntrophic Organohalide-Respiring and Fermenting Microbial Communities. MSphere, 2016, 1, .	1.3	14
21	Successful operation of continuous reactors at short retention times results in high-density, fast-rate Dehalococcoides dechlorinating cultures. Applied Microbiology and Biotechnology, 2014, 98, 2729-2737.	1.7	28
22	Selective Enrichment Yields Robust Ethene-Producing Dechlorinating Cultures from Microcosms Stalled at cis-Dichloroethene. PLoS ONE, 2014, 9, e100654.	1.1	33
23	Role of bicarbonate as a pH buffer and electron sink in microbial dechlorination of chloroethenes. Microbial Cell Factories, 2012, 11, 128.	1.9	44
24	Development and characterization of DehaloR^2, a novel anaerobic microbial consortium performing rapid dechlorination of TCE to ethene. Applied Microbiology and Biotechnology, 2011, 92, 1063-1071.	1.7	50