

Jorge Gonzalez-Estrella

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

466
citations

759055

12
h-index

887953

17
g-index

19
all docs

19
docs citations

19
times ranked

642
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxicity assessment of inorganic nanoparticles to acetoclastic and hydrogenotrophic methanogenic activity in anaerobic granular sludge. <i>Journal of Hazardous Materials</i> , 2013, 260, 278-285.	6.5	134
2	Immobilized humic substances on an anion exchange resin and their role on the redox biotransformation of contaminants. <i>Bioresource Technology</i> , 2011, 102, 2097-2100.	4.8	49
3	Role of biogenic sulfide in attenuating zinc oxide and copper nanoparticle toxicity to acetoclastic methanogenesis. <i>Journal of Hazardous Materials</i> , 2015, 283, 755-763.	6.5	45
4	Kinetics during the redox biotransformation of pollutants mediated by immobilized and soluble humic acids. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 2671-2679.	1.7	35
5	Batch anaerobic digestion of synthetic military base food waste and cardboard mixtures. <i>Bioresource Technology</i> , 2016, 216, 894-903.	4.8	26
6	Effect of structural carbohydrates and lignin content on the anaerobic digestion of paper and paper board materials by anaerobic granular sludge. <i>Biotechnology and Bioengineering</i> , 2017, 114, 951-960.	1.7	23
7	Elemental copper nanoparticle toxicity to different trophic groups involved in anaerobic and anoxic wastewater treatment processes. <i>Science of the Total Environment</i> , 2015, 512-513, 308-315.	3.9	21
8	Life cycle assessment of portable two-stage anaerobic digestion of mixed food waste and cardboard. <i>Resources, Conservation and Recycling</i> , 2018, 139, 114-121.	5.3	20
9	Organic Functional Group Chemistry in Mineralized Deposits Containing U(IV) and U(VI) from the Jackpile Mine in New Mexico. <i>Environmental Science & Technology</i> , 2019, 53, 5758-5767.	4.6	20
10	Elemental copper nanoparticle toxicity to anaerobic ammonium oxidation and the influence of ethylene diamine-tetra acetic acid (EDTA) on copper toxicity. <i>Chemosphere</i> , 2017, 184, 730-737.	4.2	19
11	A review of anaerobic digestion of paper and paper board waste. <i>Reviews in Environmental Science and Biotechnology</i> , 2017, 16, 569-590.	3.9	19
12	From Adsorption to Precipitation of U(VI): What is the Role of pH and Natural Organic Matter?. <i>Environmental Science & Technology</i> , 2021, 55, 16246-16256.	4.6	14
13	Effect of Bicarbonate, Calcium, and pH on the Reactivity of As(V) and U(VI) Mixtures. <i>Environmental Science & Technology</i> , 2020, 54, 3979-3987.	4.6	11
14	Iron sulfide attenuates the methanogenic toxicity of elemental copper and zinc oxide nanoparticles and their soluble metal ion analogs. <i>Science of the Total Environment</i> , 2016, 548-549, 380-389.	3.9	8
15	Technologies for fractionation of wastewater and resource recovery. , 2020, , 329-354.		6
16	Anaerobic digestion of synthetic food waste-cardboard mixtures in a semi-continuous two-stage system. <i>Sustainable Energy and Fuels</i> , 2019, 3, 3582-3593.	2.5	5
17	Mobilization of As, Fe, and Mn from Contaminated Sediment in Aerobic and Anaerobic Conditions: Chemical or Microbiological Triggers?. <i>ACS Earth and Space Chemistry</i> , 0, , .	1.2	5
18	Stability and microbial toxicity of HfO ₂ and ZrO ₂ nanoparticles for photolithography. <i>Green Materials</i> , 2019, 7, 109-117.	1.1	3

#	ARTICLE	IF	CITATIONS
19	Saline Brine Reaction with Fractured Wellbore Cement and Changes in Hardness and Hydraulic Properties. Environmental Engineering Science, 2021, 38, 143-153.	0.8	3