Blanca JimÃ©nez Cisneros

List of Publications by Year
in descending order

52 papers	2,834 citations	218592 26 h-index	175177 52 g-index
52 all docs	52 docs citations	52 times ranked	3708 citing authors

#	Article	IF	Citations
1	The implications of projected climate change for freshwater resources and their management. Hydrological Sciences Journal, 2008, 53, 3-10.	1.2	668
2	Heavy metal removal with mexican clinoptilolite:. Water Research, 2001, 35, 373-378.	5.3	307
3	Accumulation and leaching potential of some pharmaceuticals and potential endocrine disruptors in soils irrigated with wastewater in the Tula Valley, Mexico. Chemosphere, 2010, 81, 1437-1445.	4.2	165
4	The analysis of a group of acidic pharmaceuticals, carbamazepine, and potential endocrine disrupting compounds in wastewater irrigated soils by gas chromatographyâ€“mass spectrometry. Talanta, 2009, 78, 1159-1166.	2.9	138
5	Determination of acidic pharmaceuticals and potential endocrine disrupting compounds in wastewaters and spring waters by selective elution and analysis by gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2007, 1169, 31-39.	1.8	125
6	The effects of temperature, pH, and ammonia concentration on the inactivation of Ascaris eggs in sewage sludge. Water Research, 2007, 41, 2893-2902.	5.3	112
7	Alum recovery and wastewater sludge stabilization with sulfuric acid. Water Science and Technology, 2007, 56, 133-141.	1.2	97
8	Particle size distribution to design and operate an APT process for agricultural wastewater reuse. Water Science and Technology, 2006, 53, 43-49.	1.2	92
9	Sludge accumulation, characteristics, and pathogen inactivation in four primary waste stabilization ponds in central Mexico. Water Research, 2004, 38, 111-127.	5.3	88
10	Helminth ova removal from wastewater for agriculture and aquaculture reuse. Water Science and Technology, 2007, 55, 485-493.	1.2	72
11	Environmental fate of naproxen, carbamazepine and triclosan in wastewater, surface water and wastewater irrigated soil â€" Results of laboratory scale experiments. Science of the Total Environment, 2015, 538, 350-362.	3.9	72
12	Treatment technology and standards for agricultural wastewater reuse: a case study in Mexico. Irrigation and Drainage, 2005, 54, S23-S33.	0.8	57
13	Viability of six species of larval and non-larval helminth eggs for different conditions of temperature, pH and dryness. Water Research, 2012, 46, 4770-4782.	5.3	53
14	Application of Helminth ova infection dose curve to estimate the risks associated with biosolid application on soil. Journal of Water and Health, 2009, 7, 31-44.	1.1	51
15	The removal of microorganisms and organic micropollutants from wastewater during infiltration to aquifers after irrigation of farmland in the Tula Valley, Mexico. Environmental Pollution, 2011, 159, 1354-1362.	3.7	51
16	Identification and quantification of pathogenic helminth eggs using a digital image system. Experimental Parasitology, 2016, 166, 164-172.	0.5	46
17	Electrooxidation treatment for removal of emerging pollutants in wastewater sludge. Fuel, 2015, 149, 26-33.	3.4	43
18	Dextran blue colorant as a reliable tracer in submerged filters. Water Research, 1988, 22, 1253-1257.	5.3	42

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19	Viability of Ascaris and other helminth genera non larval eggs in different conditions of temperature, lime (pH) and humidity. Water Science and Technology, 2010, 62, 2616-2624.	1.2	42
20	Sorption, desorption and displacement of ibuprofen, estrone, and 17Î² estradiol in wastewater irrigated and rainfed agricultural soils. Science of the Total Environment, 2014, 473-474, 189-198.	3.9	41
21	The elimination of helminth ova, faecal coliforms, Salmonella and protozoan cysts by various physicochemical processes in wastewater and sludge. Water Science and Technology, 2001, 43, 179-182.	1.2	38
22	ADDING SILVER AND COPPER TO HYDROGEN PEROXIDE AND PERACETIC ACID IN THE DISINFECTION OF AN ADVANCED PRIMARY TREATMENT EFFLUENT. Environmental Technology (United Kingdom), 2008, 29, 1209-1217.	1.2	31
23	Performic acid for advanced wastewater disinfection. Water Science and Technology, 2013, 68, 2090-2096.	1.2	31
24	Tracer Studies in a Laboratory and Pilot Scale UASB Reactor. Environmental Technology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.2	30
25	An evaluation of the effects of changing wastewater irrigation regime for the production of alfalfa (Medicago sativa). Agricultural Water Management, 2012, 113, 76-84.	2.4	30
26	Helminth ova control in sludge: a review. Water Science and Technology, 2007, 56, 147-155.	1.2	28
27	Evaluation of the WHO helminth eggs criteria using a QMRA approach for the safe reuse of wastewater and sludge in developing countries. Water Science and Technology, 2011, 63, 1499-1505.	1.2	27
28	Comparison of Techniques for the Detection of Helminth Ova in Drinking Water and Wastewater. Water Environment Research, 2006, 78, 118-124.	1.3	24
29	Disinfection of sludge with high pathogenic content using silver and other compounds. Water Science and Technology, 2006, 54, 179-187.	1.2	23
30	Using Ecosan sludge for crop production. Water Science and Technology, 2006, 54, 169-177.	1.2	22
31	Biological risks to food crops fertilized with Ecosan sludge. Water Science and Technology, 2007, 55, 21-29.	1.2	22
32	Retention of Escherichia coli, Giardia lamblia cysts and Ascaris lumbricoidesÂeggsÂinÂagricultural soils irrigated by untreated wastewater. Journal of Environmental Management, 2013, 128, 22-29.	3.8	21
33	Helminth ova control in wastewater and sludge for advanced and conventional sanitation. Water Science and Technology, 2007, 56, 43-51.	1.2	18
34	Effectiveness of the use of Ag, Cu and PAA to disinfect municipal wastewater. Environmental Technology (United Kingdom), 2009, 30, 129-139.	1.2	17
35	Influence of solids on the removal of emerging pollutants in electrooxidation of municipal sludge with boron-doped diamond electrodes. Journal of Electroanalytical Chemistry, 2016, 776, 148-151.	1.9	16
36	Safe greywater reuse to augment water supply and provide sanitation in semi-arid areas of rural India. Water Science and Technology, 2010, 62, 1296-1303.	1.2	15

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37	Estimation of the water footprint of sugarcane in Mexico: is ethanol production an environmentally feasible fuel option?. Journal of Water and Climate Change, 2014, 5, 70-80.	1.2	9
38	Denitrification in a fluidized bed system using low cost packing material. Environmental Technology (United Kingdom), 1990, 11, 409-420.	1.2	8
39	Removal of Helminth Eggs in an Advanced Primary Treatment with Sludge Blanket. Environmental Technology (United Kingdom), 1998, 19, 1061-1071.	1.2	8
40	The data gap. Nature, 2013, 502, 633-634.	13.7	8
41	Strengthening drought risk management and policy: UNESCO International Hydrological Programme's case studies from Africa and Latin America and the Caribbean. Water Policy, 2016, 18, 245-261.	0.7	8
42	The Mezquital Valley from the perspective of the new Dryland Development Paradigm (DDP): present and future challenges to achieve sustainable development. Current Opinion in Environmental Sustainability, 2021, 48, 139-150.	3.1	8
43	Water Availability in Mexico Considering Quantity, Quality, and Uses. Journal of Water Resources Planning and Management - ASCE, 1998, 124, 1-7.	1.3	6
44	Effect of peracetic acid, ultraviolet radiation, nanofiltration-chlorine in the disinfection of a non conventional source of water (Tula Valley). Water Science and Technology, 2008, 57, 621-627.	1.2	5
45	Use of nanofiltration for potable water from an aquifer recharged with wastewater. Water Science and Technology, 2008, 57, 927-933.	1.2	5
46	Sustainable sludge management in developing countries. Water Science and Technology, 2004, 49, 251-8.	1.2	5
47	Comparison between Three Secondary Effluents in Tertiary High Rate Filtration. Environmental Technology (United Kingdom), 1996, 17, 987-995.	1.2	2
48	Effect of the electrolyte chemical nature on the formation and characteristics of TiO2 nanotubes synthesized by anodic oxidation using a Ti cathode. Journal of Materials Science: Materials in Electronics, 2020, 31, 15907-15918.	1.1	2
49	Membrane process for spring water treatment in the Tula Valley: assessment of physicochemical and microbiological parameters in a non-conventional water source. Water Science and Technology: Water Supply, 2015, 15, 294-301.	1.0	2
50	High-Rate Sedimentation for Wastewater Treatment Processes. Environmental Technology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	1
51	APPLICATION OF LIMED BIOSOLIDS TO IMPROVE SALINE-SODIC SOILS FROM NORTHERN MEXICO. Proceedings of the Water Environment Federation, 2002, 2002, 45-53.	0.0	1
52	Characterization and evaluation of potential reuse options for wastewater sludge and combined sewer system sediments in Mexico. Water Science and Technology, 2004, 49, 171-8.	1.2	1