

# Blanca JimÃ©nez Cisneros

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6509211/publications.pdf>

Version: 2024-02-01

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 Mezquital Valley from the perspective of the new Dryland Development Paradigm (DDP): present and future challenges to achieve sustainable development. <i>Current Opinion in Environmental Sustainability</i> , 2021, 48, 139-150.	3.1	8
2	Effect of the electrolyte chemical nature on the formation and characteristics of TiO <sub>2</sub> nanotubes synthesized by anodic oxidation using a Ti cathode. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 15907-15918.	1.1	2
3	Strengthening drought risk management and policy: UNESCO International Hydrological Programme's case studies from Africa and Latin America and the Caribbean. <i>Water Policy</i> , 2016, 18, 245-261.	0.7	8
4	Identification and quantification of pathogenic helminth eggs using a digital image system. <i>Experimental Parasitology</i> , 2016, 166, 164-172.	0.5	46
5	Influence of solids on the removal of emerging pollutants in electrooxidation of municipal sludge with boron-doped diamond electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2016, 776, 148-151.	1.9	16
6	Electrooxidation treatment for removal of emerging pollutants in wastewater sludge. <i>Fuel</i> , 2015, 149, 26-33.	3.4	43
7	Environmental fate of naproxen, carbamazepine and triclosan in wastewater, surface water and wastewater irrigated soil – Results of laboratory scale experiments. <i>Science of the Total Environment</i> , 2015, 538, 350-362.	3.9	72
8	Membrane process for spring water treatment in the Tula Valley: assessment of physicochemical and microbiological parameters in a non-conventional water source. <i>Water Science and Technology: Water Supply</i> , 2015, 15, 294-301.	1.0	2
9	Sorption, desorption and displacement of ibuprofen, estrone, and 17 $\beta$ estradiol in wastewater irrigated and rainfed agricultural soils. <i>Science of the Total Environment</i> , 2014, 473-474, 189-198.	3.9	41
10	Estimation of the water footprint of sugarcane in Mexico: is ethanol production an environmentally feasible fuel option?. <i>Journal of Water and Climate Change</i> , 2014, 5, 70-80.	1.2	9
11	The data gap. <i>Nature</i> , 2013, 502, 633-634.	13.7	8
12	Retention of <i>Escherichia coli</i> , <i>Giardia lamblia</i> cysts and <i>Ascaris lumbricoides</i> eggs in agricultural soils irrigated by untreated wastewater. <i>Journal of Environmental Management</i> , 2013, 128, 22-29.	3.8	21
13	Performic acid for advanced wastewater disinfection. <i>Water Science and Technology</i> , 2013, 68, 2090-2096.	1.2	31
14	Viability of six species of larval and non-larval helminth eggs for different conditions of temperature, pH and dryness. <i>Water Research</i> , 2012, 46, 4770-4782.	5.3	53
15	An evaluation of the effects of changing wastewater irrigation regime for the production of alfalfa ( <i>Medicago sativa</i> ). <i>Agricultural Water Management</i> , 2012, 113, 76-84.	2.4	30
16	The removal of microorganisms and organic micropollutants from wastewater during infiltration to aquifers after irrigation of farmland in the Tula Valley, Mexico. <i>Environmental Pollution</i> , 2011, 159, 1354-1362.	3.7	51
17	Evaluation of the WHO helminth eggs criteria using a QMRA approach for the safe reuse of wastewater and sludge in developing countries. <i>Water Science and Technology</i> , 2011, 63, 1499-1505.	1.2	27
18	Safe greywater reuse to augment water supply and provide sanitation in semi-arid areas of rural India. <i>Water Science and Technology</i> , 2010, 62, 1296-1303.	1.2	15

#	ARTICLE	IF	CITATIONS
19	Accumulation and leaching potential of some pharmaceuticals and potential endocrine disruptors in soils irrigated with wastewater in the Tula Valley, Mexico. <i>Chemosphere</i> , 2010, 81, 1437-1445.	4.2	165
20	Viability of <i>Ascaris</i> and other helminth genera non larval eggs in different conditions of temperature, lime (pH) and humidity. <i>Water Science and Technology</i> , 2010, 62, 2616-2624.	1.2	42
21	Effectiveness of the use of Ag, Cu and PAA to disinfect municipal wastewater. <i>Environmental Technology (United Kingdom)</i> , 2009, 30, 129-139.	1.2	17
22	Application of Helminth ova infection dose curve to estimate the risks associated with biosolid application on soil. <i>Journal of Water and Health</i> , 2009, 7, 31-44.	1.1	51
23	The analysis of a group of acidic pharmaceuticals, carbamazepine, and potential endocrine disrupting compounds in wastewater irrigated soils by gas chromatography-mass spectrometry. <i>Talanta</i> , 2009, 78, 1159-1166.	2.9	138
24	The implications of projected climate change for freshwater resources and their management. <i>Hydrological Sciences Journal</i> , 2008, 53, 3-10.	1.2	668
25	ADDING SILVER AND COPPER TO HYDROGEN PEROXIDE AND PERACETIC ACID IN THE DISINFECTION OF AN ADVANCED PRIMARY TREATMENT EFFLUENT. <i>Environmental Technology (United Kingdom)</i> , 2008, 29, 1209-1217.	1.2	31
26	Effect of peracetic acid, ultraviolet radiation, nanofiltration-chlorine in the disinfection of a non conventional source of water (Tula Valley). <i>Water Science and Technology</i> , 2008, 57, 621-627.	1.2	5
27	Use of nanofiltration for potable water from an aquifer recharged with wastewater. <i>Water Science and Technology</i> , 2008, 57, 927-933.	1.2	5
28	Helminth ova control in wastewater and sludge for advanced and conventional sanitation. <i>Water Science and Technology</i> , 2007, 56, 43-51.	1.2	18
29	Helminth ova removal from wastewater for agriculture and aquaculture reuse. <i>Water Science and Technology</i> , 2007, 55, 485-493.	1.2	72
30	Helminth ova control in sludge: a review. <i>Water Science and Technology</i> , 2007, 56, 147-155.	1.2	28
31	Biological risks to food crops fertilized with Ecosan sludge. <i>Water Science and Technology</i> , 2007, 55, 21-29.	1.2	22
32	Alum recovery and wastewater sludge stabilization with sulfuric acid. <i>Water Science and Technology</i> , 2007, 56, 133-141.	1.2	97
33	The effects of temperature, pH, and ammonia concentration on the inactivation of <i>Ascaris</i> eggs in sewage sludge. <i>Water Research</i> , 2007, 41, 2893-2902.	5.3	112
34	Determination of acidic pharmaceuticals and potential endocrine disrupting compounds in wastewaters and spring waters by selective elution and analysis by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1169, 31-39.	1.8	125
35	Using Ecosan sludge for crop production. <i>Water Science and Technology</i> , 2006, 54, 169-177.	1.2	22
36	Comparison of Techniques for the Detection of Helminth Ova in Drinking Water and Wastewater. <i>Water Environment Research</i> , 2006, 78, 118-124.	1.3	24

#	ARTICLE	IF	CITATIONS
37	Disinfection of sludge with high pathogenic content using silver and other compounds. <i>Water Science and Technology</i> , 2006, 54, 179-187.	1.2	23
38	Particle size distribution to design and operate an APT process for agricultural wastewater reuse. <i>Water Science and Technology</i> , 2006, 53, 43-49.	1.2	92
39	Treatment technology and standards for agricultural wastewater reuse: a case study in Mexico. <i>Irrigation and Drainage</i> , 2005, 54, S23-S33.	0.8	57
40	Sludge accumulation, characteristics, and pathogen inactivation in four primary waste stabilization ponds in central Mexico. <i>Water Research</i> , 2004, 38, 111-127.	5.3	88
41	Characterization and evaluation of potential reuse options for wastewater sludge and combined sewer system sediments in Mexico. <i>Water Science and Technology</i> , 2004, 49, 171-8.	1.2	1
42	Sustainable sludge management in developing countries. <i>Water Science and Technology</i> , 2004, 49, 251-8.	1.2	5
43	APPLICATION OF LIMED BIOSOLIDS TO IMPROVE SALINE-SODIC SOILS FROM NORTHERN MEXICO. <i>Proceedings of the Water Environment Federation</i> , 2002, 2002, 45-53.	0.0	1
44	Heavy metal removal with mexican clinoptilolite:. <i>Water Research</i> , 2001, 35, 373-378.	5.3	307
45	The elimination of helminth ova, faecal coliforms, Salmonella and protozoan cysts by various physicochemical processes in wastewater and sludge. <i>Water Science and Technology</i> , 2001, 43, 179-182.	1.2	38
46	Removal of Helminth Eggs in an Advanced Primary Treatment with Sludge Blanket. <i>Environmental Technology (United Kingdom)</i> , 1998, 19, 1061-1071.	1.2	8
47	Water Availability in Mexico Considering Quantity, Quality, and Uses. <i>Journal of Water Resources Planning and Management - ASCE</i> , 1998, 124, 1-7.	1.3	6
48	Tracer Studies in a Laboratory and Pilot Scale UASB Reactor. <i>Environmental Technology (United Kingdom)</i> , 1998, 19, 1061-1071.	1.2	30
49	High-Rate Sedimentation for Wastewater Treatment Processes. <i>Environmental Technology (United Kingdom)</i> , 1998, 19, 1061-1071.	1.2	1
50	Comparison between Three Secondary Effluents in Tertiary High Rate Filtration. <i>Environmental Technology (United Kingdom)</i> , 1996, 17, 987-995.	1.2	2
51	Denitrification in a fluidized bed system using low cost packing material. <i>Environmental Technology (United Kingdom)</i> , 1990, 11, 409-420.	1.2	8
52	Dextran blue colorant as a reliable tracer in submerged filters. <i>Water Research</i> , 1988, 22, 1253-1257.	5.3	42