Lyda Patricia Sabogal Paz

List of Publications by Year
in descending order

39 papers	430 citations	858243 12 h-index	889612 19 g-index
39 all docs	39 docs citations	39 times ranked	379 citing authors

#	Article	IF	Citations
1	Household slow sand filters in continuous and intermittent flows and their efficiency in microorganismâ€™s removal from river water. Environmental Technology (United Kingdom), 2022, 43, 1583-1592.	1.2	6
2	Analytical challenges and perspectives of assessing viability of Giardia muris cysts and Cryptosporidium parvum oocysts by live/dead simultaneous staining. Environmental Technology (United Kingdom), 2022, 43, 60-69.	1.2	3
3	Evaluation of a multi-barrier household system as an alternative to surface water treatment with microbiological risks. Environmental Technology (United Kingdom), 2022, 43, 3401-3413.	1.2	8
4	Household slow sand filter efficiency with schmutzdecke evaluation by microsensors. Environmental Technology (United Kingdom), 2022, 43, 4042-4053.	1.2	6
5	Detection of Cryptosporidium Parvum Oocysts in Artificially Contaminated Filter Backwash Water and Ozone Treatment at Pilot Scale. Ozone: Science and Engineering, 2022, 44, 426-437.	1.4	4
6	Household slow sand filters operating in continuous and intermittent flows: Computational fluid dynamics simulation and validation by tracer experiments. Chemical Engineering Science, 2022, 247, 117058.	1.9	4
7	A critical overview of household slow sand filters for water treatment. Water Research, 2022, 208, 117870.	5.3	25
8	Biological Layer in Household Slow Sand Filters: Characterization and Evaluation of the Impact on Systems Efficiency. Water (Switzerland), 2022, 14, 1078.	1.2	6
9	Effects of hydrogen peroxide preoxidation on clarification and reduction of the microbial load of groundwater and surface water sources for household treatment. Water Science and Technology: Water Supply, 2022, 22, 2977-2987.	1.0	2
10	Hydrogen peroxide-assisted pasteurization: An alternative for household water disinfection. Journal of Cleaner Production, 2022, 357, 131958.	4.6	4
11	Direct centrifugation for detecting Giardia spp. cysts in filter backwash water. Journal of Water Sanitation and Hygiene for Development, 2022, 12, 475-484.	0.7	2
12	Label-free detection and enumeration of Giardia cysts in agitated suspensions using in situ microscopy. Journal of Microbiological Methods, 2022, 199, 106509.	0.7	1
13	Giardia spp. cysts and Cryptosporidium spp. oocysts in drinking water treatment residues: comparison of recovery methods for quantity assessment. Environmental Technology (United Kingdom), 2021, 42, 1-10.	1.2	6
14	Cryptosporidium spp. and Giardia spp. (oo)cysts as target-organisms in sanitation and environmental monitoring: A review in microscopy-based viability assays. Water Research, 2021, 189, 116590.	5.3	15
15	Detection of Giardia and Cryptosporidium in environmental matrices with immunomagnetic separation: two or three acid dissociations. Parasitology Research, 2021, 120, 629-635.	0.6	2
16	Visibility Graph Analysis of Particle Size Distribution During Flocculation for Water Treatment. Water, Air, and Soil Pollution, 2021, 232, 1.	1.1	1
17	Ferric sulphate flocculation as a concentration method for Giardia and Cryptosporidium in filter backwash water. Water Practice and Technology, 2021, 16, 557-565.	1.0	3
18	Does each bead count? A reduced-cost approach for recovering waterborne protozoa from challenge water using immunomagnetic separation. Journal of Water and Health, 2021, 19, 436-447.	1.1	4

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19	Detection and alkaline inactivation of Cryptosporidium spp. oocysts and Giardia spp. cysts in drinking-water treatment sludge. Journal of Water Process Engineering, 2021, 40, 101939.	2.6	7
20	Filter media depth and its effect on the efficiency of Household Slow Sand Filter in continuous flow. Journal of Environmental Management, 2021, 288, 112412.	3.8	12
21	Conceptualising global water challenges: A transdisciplinary approach for understanding different discourses in sustainable development. Journal of Environmental Management, 2021, 298, 113361.	3.8	7
22	Exploring Potentials and Constraints of H2O2 Water Disinfection for Household Settings. Water, Air, and Soil Pollution, 2021, 232, 1.	1.1	9
23	Pretreatment using Opuntia cochenillifera followed by household slow sand filters: technological alternatives for supplying isolated communities. Environmental Technology (United) Tj ETQq1 1 0.784314 rgBT /Overlo	1.2	14
24	Household slow sand filters with and without water level control: continuous and intermittent flow efficiencies. Environmental Technology (United Kingdom), 2020, 41, 944-958.	1.2	20
25	Household slow sand filters in intermittent and continuous flows to treat water containing low mineral ion concentrations and Bisphenol A. Science of the Total Environment, 2020, 702, 135078.	3.9	37
26	Household slow sand filter to treat groundwater with microbiological risks in rural communities. Water Research, 2020, 186, 116352.	5.3	29
27	Ripening of household slow sand filter by adding fish food. Journal of Water Sanitation and Hygiene for Development, 2020, 10, 76-85.	0.7	4
28	Filter Backwash Water and Floated Residue Containing Pathogenic Protozoa: Detection Method and Treatment Alternatives. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	3
29	Drinking water treatment by multistage filtration on a household scale: Efficiency and challenges. Water Research, 2020, 178, 115816.	5.3	25
30	Electroanalytical properties of chlorophenol red at disposable carbon electrodes: Implications for Escherichia coli detection. Bioelectrochemistry, 2019, 130, 107321.	2.4	2
31	Microcystis aeruginosa and microcystin-LR removal by household slow sand filters operating in continuous and intermittent flows. Water Research, 2019, 150, 29-39.	5.3	36
32	Coagulation, flocculation, dissolved air flotation and filtration in the removal of Giardia spp. and Cryptosporidium spp. from water supply. Environmental Technology (United Kingdom), 2019, 40, 654-663.	1.2	13
33	Performance comparison of three methods for detection of Giardia spp. cysts and Cryptosporidium spp. oocysts in drinking-water treatment sludge. Environmental Monitoring and Assessment, 2018, 190, 686.	1.3	13
34	Label-Free Darkfield-Based Technique to Assist in the Detection of Giardia Cysts. Water, Air, and Soil Pollution, 2018, 229, 1.	1.1	6
35	Land use influence on raw surface water quality and treatment costs for drinking supply in SÃ£o Paulo State (Brazil). Ecological Engineering, 2016, 94, 516-524.	1.6	60
36	Removal of Giardia spp. and Cryptosporidium spp. from water supply with high turbidity: analytical challenges and perspectives. Journal of Water and Health, 2016, 14, 369-378.	1.1	18

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37	AvaliaÃ§Ã£o tÃ©cnico-econÃ´mica da tecnologia de tratamento de Ã¡gua de dupla filtraÃ§Ã£o. Engenharia Sanitaria E Ambiental, 2015, 20, 525-532.	0.1	2
38	Uso de modelaÃ§Ã£o matemÃ¡tica para projeto de cÃ¢maras mecanizadas de floculaÃ§Ã£o em sÃ©rie em estaÃ§Ãµes de tratamento de Ã¡gua. Engenharia Sanitaria E Ambiental, 2005, 10, 82-90.	0.1	8
39	In-situ microscopy investigation of floc development during coagulation-flocculation with chemical and natural coagulants. Separation Science and Technology, 0, , 1-11.	1.3	3