

Nahum A Medellin-Castillo

List of Publications by Year in descending order

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759233

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docs citations

26
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical speciation of lead adsorbed onto volcanic ashes by ICP-OES and XANES. Suplemento De La Revista Mexicana De Física, 2022, 3, .	0.3	0
2	Data for the synthesis, characterization, and use of xerogels as adsorbents for the removal of fluoride and bromide in aqueous phase. Data in Brief, 2022, 42, 108138.	1.0	4
3	γ -Al ₂ O ₃ and α -Al ₂ O ₃ Alumina Spheres for Azo Dye (Allura Red) Removal from Aqueous Media. Adsorption Science and Technology, 2022, 2022, .	3.2	1
4	Evaluation of the Devilfish (<i>Pterygoplichthys</i> spp.) Natural Coagulant as a Treatment for the Removal of Turbidity in Fish Farm Wastewater. Water, Air, and Soil Pollution, 2022, 233, 1.	2.4	1
5	Evaluation of a biocoagulant from devilfish invasive species for the removal of contaminants in ceramic industry wastewater. Scientific Reports, 2022, 12, .	3.3	2
6	Removal of Pollutants from Water by Adsorbents Prepared from Animal Bone Wastes. Engineering Materials, 2021, , 273-314.	0.6	3
7	Ibuprofen degradation and energy generation in a microbial fuel cell using a bioanode fabricated from devil fish bone char. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2021, 56, 874-885.	1.7	8
8	Formaldehyde and tripolyphosphate crosslinked chitosan hydrogels: Synthesis, characterization and modeling. International Journal of Biological Macromolecules, 2021, 183, 2293-2304.	7.5	21
9	Bone Char from an Invasive Aquatic Specie as a Green Adsorbent for Fluoride Removal in Drinking Water. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	13
10	Biodegradation of carbamazepine and production of bioenergy using a microbial fuel cell with bioelectrodes fabricated from devil fish bone chars. Journal of Environmental Chemical Engineering, 2021, 9, 106692.	6.7	9
11	Characterization of Bone Char and Carbon Xerogel as Sustainable Alternative Bioelectrodes for Bioelectrochemical Systems. Waste and Biomass Valorization, 2020, 11, 4885-4894.	3.4	9
12	Use of bone char prepared from an invasive species, pleco fish (<i>Pterygoplichthys</i> spp.), to remove fluoride and Cadmium(II) in water. Journal of Environmental Management, 2020, 256, 109956.	7.8	49
13	Synthesis and characterization of hydrochar from industrial <i>Capsicum annum</i> seeds and its application for the adsorptive removal of methylene blue from water. Environmental Research, 2020, 184, 109334.	7.5	35
14	Allura Red dye sorption onto electrospun zirconia nanofibers. Environmental Technology and Innovation, 2020, 18, 100760.	6.1	16
15	Fabrication of γ -alumina fibers by sol-gel and electrospinning of aluminum nitrate precursor solutions. Results in Physics, 2019, 12, 193-204.	4.1	37
16	Walnut shell treated with citric acid and its application as biosorbent in the removal of Zn(II). Journal of Water Process Engineering, 2018, 25, 45-53.	5.6	50
17	Competitive Adsorption of Heavy Metals from Aqueous Solution onto Oxidized Activated Carbon Fiber. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	17
18	Synthesis of γ -Alumina Nano-Onions by Thermal Decomposition of Aluminum Formate. Journal of Nanomaterials, 2018, 2018, 1-7.	2.7	11

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19	Single and competitive adsorption of Cd(II) and Pb(II) ions from aqueous solutions onto industrial chili seeds (<i>Capsicum annuum</i>) waste. <i>Sustainable Environment Research</i> , 2017, 27, 61-69.	4.2	50
20	BIOADSORCIÓN DE PLOMO (II) PRESENTE EN SOLUCIÓN ACUOSA SOBRE RESIDUOS DE FIBRAS NATURALES PROCEDENTES DE LA INDUSTRIA IXTLERA (<i>Agave lechuguilla</i> Torr. Y <i>Yucca carnerosana</i> (Trel.) McKelvey). <i>Revista Internacional De Contaminacion Ambiental</i> , 2017, 33, 269-280.	0.4	10
21	Removal of fluoride from aqueous solution using acid and thermally treated bone char. <i>Adsorption</i> , 2016, 22, 951-961.	3.0	39
22	Removal of diethyl phthalate from water solution by adsorption, photo-oxidation, ozonation and advanced oxidation process (UV/H ₂ O ₂ , O ₃ /H ₂ O ₂ and O ₃ /activated carbon). <i>Science of the Total Environment</i> , 2013, 442, 26-35.	8.0	91
23	Medicinal plants used in the Huasteca Potosina, México. <i>Journal of Ethnopharmacology</i> , 2012, 143, 292-298.	4.1	75
24	Adsorption of Fluoride from Water Solution on Bone Char. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 9205-9212.	3.7	207