

Florencio Ballesteros Jr

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,750
citations

236925

25
h-index

276875

41
g-index

43
all docs

43
docs citations

43
times ranked

2190
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-forming Dynamic Membranes for Wastewater Treatment. Separation and Purification Reviews, 2022, 51, 195-211.	5.5	9
2	Multi-Attribute Assessment of Waste-to-Energy Technologies for Medical, Industrial, and Electronic Residual Wastes. Journal of Energy Resources Technology, Transactions of the ASME, 2022, 144, .	2.3	5
3	Advanced Configuration for Efficient Membrane Bioreactors. Handbook of Environmental Chemistry, 2022, , 101-145.	0.4	0
4	Electrochemical membrane bioreactors for wastewater treatment. , 2022, , 163-194.		0
5	Novel coronavirus disease 2019 (COVID-19) pandemic: From transmission to control with an interdisciplinary vision. Environmental Research, 2021, 197, 111126.	7.5	73
6	Coronavirus in water media: Analysis, fate, disinfection and epidemiological applications. Journal of Hazardous Materials, 2021, 415, 125580.	12.4	50
7	Wastewater treatment and fouling control in an electro algae-activated sludge membrane bioreactor. Science of the Total Environment, 2021, 786, 147475.	8.0	40
8	Remediation of cobalt from semiconductor wastewater in the frame of fluidized-bed homogeneous granulation process. Journal of Environmental Chemical Engineering, 2021, 9, 105936.	6.7	7
9	Advances in technological control of greenhouse gas emissions from wastewater in the context of circular economy. Science of the Total Environment, 2021, 792, 148479.	8.0	54
10	Design and performance of Fe ₃ O ₄ @SiO ₂ /MoO ₃ /polydopamine-graphene oxide composites for visible light photocatalysis. Emergent Materials, 2021, 4, 1425-1439.	5.7	10
11	Instrumental Odour Monitoring System Classification Performance Optimization by Analysis of Different Pattern-Recognition and Feature Extraction Techniques. Sensors, 2021, 21, 114.	3.8	7
12	Distribution of pharmaceutical and personal care products (PPCPs) in aquatic environment in Hanoi and Metro Manila. Environmental Monitoring and Assessment, 2021, 193, 847.	2.7	11
13	Characterizing the microbial community involved in anaerobic digestion of lipid-rich wastewater to produce methane gas. Anaerobe, 2020, 61, 102082.	2.1	58
14	Viruses in wastewater: occurrence, abundance and detection methods. Science of the Total Environment, 2020, 745, 140910.	8.0	170
15	Removal of contaminants of emerging concern from real wastewater by an innovative hybrid membrane process “ UltraSound, Adsorption, and Membrane ultrafiltration (USAMeA®). Ultrasonics Sonochemistry, 2020, 68, 105237.	8.2	52
16	Applicability of the electrocoagulation process in treating real municipal wastewater containing pharmaceutical active compounds. Journal of Hazardous Materials, 2019, 361, 367-373.	12.4	76
17	Electroplating sludge handling by solidification/stabilization process: a comprehensive assessment using kaolinite clay, waste latex paint and calcium chloride cement additives. Journal of Material Cycles and Waste Management, 2019, 21, 1505-1517.	3.0	17
18	Water reuse nexus with resource recovery: On the fluidized-bed homogeneous crystallization of copper and phosphate from semiconductor wastewater. Journal of Cleaner Production, 2019, 236, 117705.	9.3	26

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19	Are pharmaceuticals removal and membrane fouling in electromembrane bioreactor affected by current density?. <i>Science of the Total Environment</i> , 2019, 692, 732-740.	8.0	40
20	Environmental odour management by artificial neural network – A review. <i>Environment International</i> , 2019, 133, 105189.	10.0	67
21	Optimum recovery of phosphate from simulated wastewater by unseeded fluidized-bed crystallization process. <i>Separation and Purification Technology</i> , 2019, 212, 783-790.	7.9	21
22	Phosphorous recovery by means of fluidized bed homogeneous crystallization of calcium phosphate. Influence of operational variables and electrolytes on brushite homogeneous crystallization. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 83, 124-132.	5.3	47
23	Effect of lead speciation on its oral bioaccessibility in surface dust and soil of electronic-wastes recycling sites. <i>Journal of Hazardous Materials</i> , 2018, 341, 365-372.	12.4	34
24	Fouling Mitigation and Wastewater Treatment Enhancement through the Application of an Electro Moving Bed Membrane Bioreactor (eMB-MBR). <i>Membranes</i> , 2018, 8, 116.	3.0	7
25	Occurrence, profiles, and toxic equivalents of chlorinated and brominated polycyclic aromatic hydrocarbons in E-waste open burning soils. <i>Environmental Pollution</i> , 2017, 225, 252-260.	7.5	52
26	Recovery of oxalate from bauxite wastewater using fluidized-bed homogeneous granulation process. <i>Journal of Cleaner Production</i> , 2017, 154, 130-138.	9.3	26
27	Removal of emerging contaminant and fouling control in membrane bioreactors by combined ozonation and sonolysis. <i>International Biodeterioration and Biodegradation</i> , 2017, 119, 577-586.	3.9	58
28	Solidification/stabilization of fly ash from city refuse incinerator facility and heavy metal sludge with cement additives. <i>Environmental Science and Pollution Research</i> , 2017, 24, 1748-1756.	5.3	24
29	Material Recovery and Environmental Impact by Informal E-Waste Recycling Site in the Philippines. <i>Ecoproduction</i> , 2017, , 197-213.	0.8	6
30	Removal of Pharmaceuticals from Wastewater by Intermittent Electrocoagulation. <i>Water (Switzerland)</i> , 2017, 9, 85.	2.7	61
31	ODOUR EMISSION CAPACITY AS A SURROGATE PARAMETER FOR THE ASSESSMENT OF RIVER WATER QUALITY. <i>WIT Transactions on Ecology and the Environment</i> , 2017, , .	0.0	1
32	Combination of Electrochemical Processes with Membrane Bioreactors for Wastewater Treatment and Fouling Control: A Review. <i>Frontiers in Environmental Science</i> , 2016, 4, .	3.3	61
33	Using activated clay for adsorption of sulfone compounds in diesel. <i>Journal of Cleaner Production</i> , 2016, 124, 378-382.	9.3	40
34	Incorporation of graphene oxide into a chitosan–poly(acrylic acid) porous polymer nanocomposite for enhanced lead adsorption. <i>Environmental Science: Nano</i> , 2016, 3, 638-646.	4.3	73
35	Removal of nickel by homogeneous granulation in a fluidized-bed reactor. <i>Chemosphere</i> , 2016, 164, 59-67.	8.2	35
36	Nickel recovery from synthetic Watts bath electroplating wastewater by homogeneous fluidized bed granulation process. <i>Separation and Purification Technology</i> , 2016, 169, 128-136.	7.9	39

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37	Removal efficiencies of constructed wetland and efficacy of plant on treating benzene. Sustainable Environment Research, 2016, 26, 93-96.	4.2	19
38	E-waste recycling processes in Indonesia, the Philippines, and Vietnam: A case study of cathode ray tube TVs and monitors. Resources, Conservation and Recycling, 2016, 106, 48-58.	10.8	110
39	Control of fouling formation in membrane ultrafiltration by ultrasound irradiation. Environmental Technology (United Kingdom), 2015, 36, 1299-1307.	2.2	14
40	Enhanced ozonation of selected pharmaceutical compounds by sonolysis. Environmental Technology (United Kingdom), 2015, 36, 1876-1883.	2.2	36
41	Removal of emerging contaminants by simultaneous application of membrane ultrafiltration, activated carbon adsorption, and ultrasound irradiation. Journal of Hazardous Materials, 2014, 264, 342-349.	12.4	142
42	Patchwork of land use, tapestry of risk. Journal of Environmental Planning and Management, 2012, 55, 1-15.	4.5	8
43	Impact of metals in surface matrices from formal and informal electronic-waste recycling around Metro Manila, the Philippines, and intra-Asian comparison. Journal of Hazardous Materials, 2012, 221-222, 139-146.	12.4	64