

Hasfalina Bt Che Man

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1683813/publications.pdf>

Version: 2024-02-01

55
papers

1,282
citations

394421

19
h-index

395702

33
g-index

56
all docs

56
docs citations

56
times ranked

1563
citing authors

#	ARTICLE	IF	CITATIONS
1	Internet of Things (IoT)-based aquaculture: An overview of IoT application on water quality monitoring. <i>Reviews in Aquaculture</i> , 2022, 14, 979-992.	9.0	28
2	Rice for Food Security: Revisiting Its Production, Diversity, Rice Milling Process and Nutrient Content. <i>Agriculture (Switzerland)</i> , 2022, 12, 741.	3.1	61
3	Mass modelling of pepper berries (<i>Piper nigrum</i> L.) with some physical properties. <i>Food Research</i> , 2021, 5, 80-84.	0.8	4
4	Recent Advances in the Rejection of Endocrine-Disrupting Compounds from Water Using Membrane and Membrane Bioreactor Technologies: A Review. <i>Polymers</i> , 2021, 13, 392.	4.5	38
5	Techno-Economic Assessment of On-Farm Anaerobic Digestion System Using Attached-Biofilm Reactor in the Dairy Industry. <i>Sustainability</i> , 2021, 13, 2063.	3.2	12
6	Novel PVDF-PVP Hollow Fiber Membrane Augmented with TiO ₂ Nanoparticles: Preparation, Characterization and Application for Copper Removal from Leachate. <i>Nanomaterials</i> , 2021, 11, 399.	4.1	23
7	Synthesis of Nano-Magnetite from Industrial Mill Chips for the Application of Boron Removal: Characterization and Adsorption Efficacy. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1400.	2.6	11
8	Performance of dynamic anaerobic membrane bioreactor (DAnMBR) with phase separation in treating high strength food processing wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105245.	6.7	11
9	Dynamic anaerobic membrane bioreactor (DAnMBR) with phase separation for food processing wastewater treatment at mesophilic temperature: Characterization of cake layer. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105718.	6.7	6
10	Contemporary Techniques for Remediating Endocrine-Disrupting Compounds in Various Water Sources: Advances in Treatment Methods and Their Limitations. <i>Polymers</i> , 2021, 13, 3229.	4.5	17
11	Optimization of palm oil extraction from decanter cake using Soxhlet extraction and effects of microwaves pre-treatment on extraction yield and physicochemical properties of palm oil. <i>Food Research</i> , 2021, 5, 25-32.	0.8	4
12	An Insight into a Sustainable Removal of Bisphenol A from Aqueous Solution by Novel Palm Kernel Shell Magnetically Induced Biochar: Synthesis, Characterization, Kinetic, and Thermodynamic Studies. <i>Polymers</i> , 2021, 13, 3781.	4.5	17
13	Recent Updates on the Conversion of Pineapple Waste (<i>Ananas comosus</i>) to Value-Added Products, Future Perspectives and Challenges. <i>Agronomy</i> , 2021, 11, 2221.	3.0	33
14	Adsorptive Removal of Copper (II) Ions from Aqueous Solution Using a Magnetite Nano-Adsorbent from Mill Scale Waste: Synthesis, Characterization, Adsorption and Kinetic Modelling Studies. <i>Nanoscale Research Letters</i> , 2021, 16, 168.	5.7	24
15	Enhancement of Bioreactor Performance Using Acclimatised Seed Sludge in Anaerobic Treatment of Chicken Slaughterhouse Wastewater: Laboratory Achievement, Energy Recovery, and Its Commercial-Scale Potential. <i>Animals</i> , 2021, 11, 3313.	2.3	10
16	Utilization of Nano-TiO ₂ as an Influential Additive for Complementing Separation Performance of a Hybrid PVDF-PVP Hollow Fiber: Boron Removal from Leachate. <i>Polymers</i> , 2020, 12, 2511.	4.5	10
17	Kinetics of Quality Changes in Soaking Water during the Retting Process of Pepper Berries (<i>Piper</i>) Tj ETQq1 1 0.784314 rgBT ₃ /Overlo 2.8	2.8	3
18	Some Physical Properties and Mass Modelling of Pepper Berries (<i>Piper nigrum</i> L.), Variety Kuching, at Different Maturity Levels. <i>Processes</i> , 2020, 8, 1314.	2.8	6

#	ARTICLE	IF	CITATIONS
19	Decolorization of Palm Oil Mill Effluent by Klebsiella Pneumonia ABZ11: Remediation Efficacy and Statistical Optimization of Treatment Conditions. <i>Frontiers in Microbiology</i> , 2020, 11, 675.	3.5	8
20	HYDRUS-1D Simulation of Nitrogen Dynamics in Rainfed Sweet Corn Production. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3925.	2.5	5
21	HYDRUS-1D Simulation of Soil Water Dynamics for Sweet Corn under Tropical Rainfed Condition. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1219.	2.5	12
22	Permeability and Antifouling Augmentation of a Hybrid PVDF-PEG Membrane Using Nano-Magnesium Oxide as a Powerful Mediator for POME Decolorization. <i>Polymers</i> , 2020, 12, 549.	4.5	14
23	Effect of pore size of monofilament woven filter cloth as supporting material for dynamic membrane filtration on performance using aerobic membrane bioreactor technology. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2020, 15, e2453.	1.5	8
24	Augmented yeast-extract and dairy-waste for enhancing bio-decolourization of palm oil mill effluent using activated sludge. <i>Journal of Water Process Engineering</i> , 2020, 36, 101263.	5.6	8
25	Effect of pre-treatment with a tannin-based coagulant and flocculant on a biofilm bacterial community and the nitrification process in a municipal wastewater biofilm treatment unit. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103679.	6.7	8
26	Magnetite Nanoparticles (MNPs) Used as Cadmium Metal Removal from the Aqueous Solution from Mill Scales Waste Sources. <i>Sains Malaysiana</i> , 2020, 49, 847-858.	0.5	6
27	Anaerobic Co-digestion of Pineapple Wastes with Cow Dung: Effect of Different Total Solid Content on Bio-methane Yield. <i>International Journal of Management, Finance and Accounting</i> , 2020, 1, .	0.2	5
28	Prospective Application of Palm Oil Mill Boiler Ash as a Biosorbent: Effect of Microwave Irradiation and Palm Oil Mill Effluent Decolorization by Adsorption. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3453.	2.6	6
29	Performance Comparison of Conventional and Modified Upflow Anaerobic Sludge Blanket (UASB) Reactors Treating High-Strength Cattle Slaughterhouse Wastewater. <i>Water (Switzerland)</i> , 2019, 11, 806.	2.7	25
30	Evaluation of surface water treated with lotus plant; <i>Nelumbo nucifera</i> . <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103048.	6.7	16
31	A tannin-based agent for coagulation and flocculation of municipal wastewater as a pretreatment for biofilm process. <i>Journal of Cleaner Production</i> , 2018, 182, 198-205.	9.3	45
32	The Pertinence of Microwave Irradiated Coconut Shell Bio-Sorbent for Wastewater Decolourization: Structural Morphology and Adsorption Optimization Using the Response Surface Method (RSM). <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2200.	2.6	12
33	Assessment of Nutrient Leaching in Flooded Paddy Rice Field Experiment Using Hydrus-1D. <i>Water (Switzerland)</i> , 2018, 10, 785.	2.7	16
34	An Assessment of the Vertical Movement of Water in a Flooded Paddy Rice Field Experiment Using Hydrus-1D. <i>Water (Switzerland)</i> , 2018, 10, 783.	2.7	15
35	Treatment of Palm Oil Mill Effluent Using Membrane Bioreactor: Novel Processes and Their Major Drawbacks. <i>Water (Switzerland)</i> , 2018, 10, 1165.	2.7	27
36	Recycling of fishpond wastewater by adsorption of pollutants using aged refuse as an alternative low-cost adsorbent. <i>Sustainable Environment Research</i> , 2018, 28, 315-321.	4.2	6

#	ARTICLE	IF	CITATIONS
37	Wastewater Treatment and Biogas Recovery Using Anaerobic Membrane Bioreactors (AnMBRs): Strategies and Achievements. <i>Energies</i> , 2018, 11, 1675.	3.1	37
38	Review of optimum temperature, humidity, and vapour pressure deficit for microclimate evaluation and control in greenhouse cultivation of tomato: a review. <i>International Agrophysics</i> , 2018, 32, 287-302.	1.7	229
39	Phytoremediation of domestic wastewaters in free water surface constructed wetlands using <i>Azolla pinnata</i> . <i>International Journal of Phytoremediation</i> , 2016, 18, 54-61.	3.1	47
40	POLYSULFONE MEMBRANE TESTS FOR NUTRIENTS RECLAMATION OF KENAF RETTED WASTEWATER. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	0
41	ASSESSMENT OF AGROCHEMICALS EFFECT ON SOIL AND GROUNDWATER OF CHANCHAGA IRRIGATION SCHEME IN MINNA, NORTH CENTRAL NIGERIA. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 76, .	0.4	0
42	Enhanced mesophilic bio-hydrogen production of raw rice straw and activated sewage sludge by co-digestion. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 16033-16044.	7.1	79
43	Equilibrium studies and dynamic behavior of cadmium adsorption by palm oil boiler mill fly ash (POFA) as a natural low-cost adsorbent. <i>Desalination and Water Treatment</i> , 2015, 54, 1956-1968.	1.0	10
44	Poultry Waste Generation, Management and the Environment: A Case of Minna, North Central Nigeria. <i>Journal of Solid Waste Technology and Management</i> , 2015, 41, 146-156.	0.2	2
45	Optimization of Methane Gas Production From Co-digestion of Food waste and Poultry Manure Using Artificial Neural Network and Response Surface Methodology. <i>Journal of Agricultural Science</i> , 2014, 6, .	0.2	10
46	Comparison of Methane Emission from Conventional and Modified Paddy Cultivation in Malaysia. <i>Agriculture and Agricultural Science Procedia</i> , 2014, 2, 272-279.	0.6	6
47	Phytoremediation Potential of Vetiver System Technology for Improving the Quality of Palm Oil Mill Effluent. <i>Advances in Materials Science and Engineering</i> , 2014, 2014, 1-10.	1.8	41
48	Column dynamic studies and breakthrough curve analysis for Cd(II) and Cu(II) ions adsorption onto palm oil boiler mill fly ash (POFA). <i>Environmental Science and Pollution Research</i> , 2014, 21, 7996-8005.	5.3	32
49	Kinetic Modeling and Isotherm Studies for Copper(II) Adsorption onto Palm Oil Boiler Mill Fly Ash (POFA) as a Natural Low-Cost Adsorbent. <i>BioResources</i> , 2013, 9, .	1.0	4
50	Intracellular polyhydroxyalkanoates recovery by cleaner halogen-free methods towards zero emission in the palm oil mill. <i>Journal of Cleaner Production</i> , 2012, 37, 353-360.	9.3	25
51	Adsorption of Copper (II) From Aqueous Medium In Fixed-Bed Column By Kenaf Fibres. <i>APCBEE Procedia</i> , 2012, 3, 255-263.	0.5	55
52	Efficient Polyhydroxyalkanoate Recovery from Recombinant <i>Cupriavidus necator</i> by Using Low Concentration of NaOH. <i>Environmental Engineering Science</i> , 2012, 29, 783-789.	1.6	16
53	Microbial characterization of hydrogen-producing bacteria in fermented food waste at different pH values. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 9571-9580.	7.1	84
54	The Potential Use of Kenaf as a Bioadsorbent for the Removal of Copper and Nickel from Single and Binary Aqueous Solution. <i>Journal of Natural Fibers</i> , 2010, 7, 267-275.	3.1	15

#	ARTICLE	IF	CITATIONS
55	Biogas Production Through Mono- and Co-digestion of Pineapple Waste and Cow Dung at Different Substrate Ratios. Bioenergy Research, 0, , .	3.9	4