Hasfalina Bt Che Man

List of Publications by Year
in descending order

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	Review of optimum temperature, humidity, and vapour pressure deficit for microclimate evaluation and control in greenhouse cultivation of tomato: a review. International Agrophysics, 2018, 32, 287-302.	1.7	229
2	Microbial characterization of hydrogen-producing bacteria in fermented food waste at different pH values. International Journal of Hydrogen Energy, 2011, 36, 9571-9580.	7.1	84
3	Enhanced mesophilic bio-hydrogen production of raw rice straw and activated sewage sludge by co-digestion. International Journal of Hydrogen Energy, 2015, 40, 16033-16044.	7.1	79
4	Rice for Food Security: Revisiting Its Production, Diversity, Rice Milling Process and Nutrient Content. Agriculture (Switzerland), 2022, 12, 741.	3.1	61
5	Adsorption of Copper (II) From Aqueous Medium In Fixed-Bed Column By Kenaf Fibres. APCBEE Procedia, 2012, 3, 255-263.	0.5	55
6	Phytoremediation of domestic wastewaters in free water surface constructed wetlands usingAzolla pinnata. International Journal of Phytoremediation, 2016, 18, 54-61.	3.1	47
7	A tanninâ€“based agent for coagulation and flocculation of municipal wastewater as a pretreatment for biofilm process. Journal of Cleaner Production, 2018, 182, 198-205.	9.3	45
8	Phytoremediation Potential of Vetiver System Technology for Improving the Quality of Palm Oil Mill Effluent. Advances in Materials Science and Engineering, 2014, 2014, 1-10.	1.8	41
9	Recent Advances in the Rejection of Endocrine-Disrupting Compounds from Water Using Membrane and Membrane Bioreactor Technologies: A Review. Polymers, 2021, 13, 392.	4.5	38
10	Wastewater Treatment and Biogas Recovery Using Anaerobic Membrane Bioreactors (AnMBRs): Strategies and Achievements. Energies, 2018, 11, 1675.	3.1	37
11	Recent Updates on the Conversion of Pineapple Waste (Ananas comosus) to Value-Added Products, Future Perspectives and Challenges. Agronomy, 2021, 11, 2221.	3.0	33
12	Column dynamic studies and breakthrough curve analysis for Cd(II) and Cu(II) ions adsorption onto palm oil boiler mill fly ash (POFA). Environmental Science and Pollution Research, 2014, 21, 7996-8005.	5.3	32
13	Internet of Things (IoT)â€based aquaculture: An overview of IoT application on water quality monitoring. Reviews in Aquaculture, 2022, 14, 979-992.	9.0	28
14	Treatment of Palm Oil Mill Effluent Using Membrane Bioreactor: Novel Processes and Their Major Drawbacks. Water (Switzerland), 2018, 10, 1165.	2.7	27
15	Intracellular polyhydroxyalkanoates recovery by cleaner halogen-free methods towards zero emission in the palm oil mill. Journal of Cleaner Production, 2012, 37, 353-360.	9.3	25
16	Performance Comparison of Conventional and Modified Upflow Anaerobic Sludge Blanket (UASB) Reactors Treating High-Strength Cattle Slaughterhouse Wastewater. Water (Switzerland), 2019, 11, 806.	2.7	25
17	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. Nanoscale Research Letters, 2021, 16, 168.	5.7	24
18	Novel PVDF-PVP Hollow Fiber Membrane Augmented with TiO2 Nanoparticles: Preparation, Characterization and Application for Copper Removal from Leachate. Nanomaterials, 2021, 11, 399.	4.1	23

#	Article	IF	Citations
19	Contemporary Techniques for Remediating Endocrine-Disrupting Compounds in Various Water Sources: Advances in Treatment Methods and Their Limitations. Polymers, 2021, 13, 3229.	4.5	17
20	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. Polymers, 2021, 13, 3781.	4.5	17
21	Efficient Polyhydroxyalkanoate Recovery from RecombinantCupriavidus necatorby Using Low Concentration of NaOH. Environmental Engineering Science, 2012, 29, 783-789.	1.6	16
22	Assessment of Nutrient Leaching in Flooded Paddy Rice Field Experiment Using Hydrus-1D. Water (Switzerland), 2018, 10, 785.	2.7	16
23	Evaluation of surface water treated with lotus plant; Nelumbo nucifera. Journal of Environmental Chemical Engineering, 2019, 7, 103048.	6.7	16
24	The Potential Use of Kenaf as a Bioadsorbent for the Removal of Copper and Nickel from Single and Binary Aqueous Solution. Journal of Natural Fibers, 2010, 7, 267-275.	3.1	15
25	An Assessment of the Vertical Movement of Water in a Flooded Paddy Rice Field Experiment Using Hydrus-1D. Water (Switzerland), 2018, 10, 783.	2.7	15
26	Permeability and Antifouling Augmentation of a Hybrid PVDF-PEG Membrane Using Nano-Magnesium Oxide as a Powerful Mediator for POME Decolorization. Polymers, 2020, 12, 549.	4.5	14
27	The Pertinence of Microwave Irradiated Coconut Shell Bio-Sorbent for Wastewater Decolourization: Structural Morphology and Adsorption Optimization Using the Response Surface Method (RSM). International Journal of Environmental Research and Public Health, 2018, 15, 2200.	2.6	12
28	HYDRUS-1D Simulation of Soil Water Dynamics for Sweet Corn under Tropical Rainfed Condition. Applied Sciences (Switzerland), 2020, 10, 1219.	2.5	12
29	Techno-Economic Assessment of On-Farm Anaerobic Digestion System Using Attached-Biofilm Reactor in the Dairy Industry. Sustainability, 2021, 13, 2063.	3.2	12
30	Synthesis of Nano-Magnetite from Industrial Mill Chips for the Application of Boron Removal: Characterization and Adsorption Efficacy. International Journal of Environmental Research and Public Health, 2021, 18, 1400.	2.6	11
31	Performance of dynamic anaerobic membrane bioreactor (DAnMBR) with phase separation in treating high strength food processing wastewater. Journal of Environmental Chemical Engineering, 2021, 9, 105245.	6.7	11
32	Optimization of Methane Gas Production From Co-digestion of Food waste and Poultry Manure Using Artificial Neural Network and Response Surface Methodology. Journal of Agricultural Science, 2014, 6, .	0.2	10
33	Equilibrium studies and dynamic behavior of cadmium adsorption by palm oil boiler mill fly ash (POFA) as a natural low-cost adsorbent. Desalination and Water Treatment, 2015, 54, 1956-1968.	1.0	10
34	Utilization of Nano-TiO2 as an Influential Additive for Complementing Separation Performance of a Hybrid PVDF-PVP Hollow Fiber: Boron Removal from Leachate. Polymers, 2020, 12, 2511.	4.5	10
35	Enhancement of Bioreactor Performance Using Acclimatised Seed Sludge in Anaerobic Treatment of Chicken Slaughterhouse Wastewater: Laboratory Achievement, Energy Recovery, and Its Commercial-Scale Potential. Animals, 2021, 11, 3313.	2.3	10
36	Decolorization of Palm Oil Mill Effluent by Klebsiella Pneumonia ABZ11: Remediation Efficacy and Statistical Optimization of Treatment Conditions. Frontiers in Microbiology, 2020, 11, 675.	3.5	8

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37	Effect of pore size of monofilament woven filter cloth as supporting material for dynamic membrane filtration on performance using aerobic membrane bioreactor technology. Asia-Pacific Journal of Chemical Engineering, 2020, 15, e2453.	1.5	8
38	Augmented yeast-extract and diary-waste for enhancing bio-decolourization of palm oil mill effluent using activated sludge. Journal of Water Process Engineering, 2020, 36, 101263.	5.6	8
39	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. Journal of Environmental Chemical Engineering, 2020, 8, 103679.	6.7	8
40	Comparison of Methane Emission from Conventional and Modified Paddy Cultivation in Malaysia. Agriculture and Agricultural Science Procedia, 2014, 2, 272-279.	0.6	6
41	Recycling of fishpond wastewater by adsorption of pollutants using aged refuse as an alternative low-cost adsorbent. Sustainable Environment Research, 2018, 28, 315-321.	4.2	6
42	Prospective Application of Palm Oil Mill Boiler Ash as a Biosorbent: Effect of Microwave Irradiation and Palm Oil Mill Effluent Decolorization by Adsorption. International Journal of Environmental Research and Public Health, 2019, 16, 3453.	2.6	6
43	Some Physical Properties and Mass Modelling of Pepper Berries (Piper nigrum L.), Variety Kuching, at Different Maturity Levels. Processes, 2020, 8, 1314.	2.8	6
44	Dynamic anaerobic membrane bioreactor (DAnMBR) with phase separation for food processing wastewater treatment at mesophilic temperature: Characterization of cake layer. Journal of Environmental Chemical Engineering, 2021, 9, 105718.	6.7	6
45	Magnetite Nanoparticles (MNPs) Used as Cadmium Metal Removal from the Aqueous Solution from Mill Scales Waste Sources. Sains Malaysiana, 2020, 49, 847-858.	0.5	6
46	HYDRUS-1D Simulation of Nitrogen Dynamics in Rainfed Sweet Corn Production. Applied Sciences (Switzerland), 2020, 10, 3925.	2.5	5
47	Anaerobic Co-digestion of Pineapple Wastes with Cow Dung: Effect of Different Total Solid Content on Bio-methane Yield. International Journal of Management, Finance and Accounting, 2020, 1, .	0.2	5
48	Kinetic Modeling and Isotherm Studies for Copper(II) Adsorption onto Palm Oil Boiler Mill Fly Ash (POFA) as a Natural Low-Cost Adsorbent. BioResources, 2013, 9, .	1.0	4
49	Mass modelling of pepper berries (Piper nigrum L.) with some physical properties. Food Research, 2021, 5, 80-84.	0.8	4
50	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. Food Research, 2021, 5, 25-32.	0.8	4
51	Biogas Production Through Mono- and Co-digestion of Pineapple Waste and Cow Dung at Different Substrate Ratios. Bioenergy Research, 0, , .	3.9	4
52	Kinetics of Quality Changes in Soaking Water during the Retting Process of Pepper Berries (Piper) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.8	3
53	Poultry Waste Generation, Management and the Environment: A Case of Minna, North Central Nigeria. Journal of Solid Waste Technology and Management, 2015, 41, 146-156.	0.2	2
54	ASSESSMENT OF AGROCHEMICALS EFFECT ON SOIL AND GROUNDWATER OF CHANCHAGA IRRIGATION SCHEME IN MINNA, NORTH CENTRAL NIGERIA. Jurnal Teknologi (Sciences and Engineering), 2015, 76, .	0.4	0

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55	POLYSULFONE MEMBRANE TESTS FOR NUTRIENTS RECLAMATION OF KENAF RETTED WASTEWATER. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0