

# Mahamad Hakimi Ibrahim

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

2,551  
citations

516215

16  
h-index

454577

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

3507  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vermicomposting of organic wastes and the production of vermicompost. , 2020, , 277-285.		5
2	Energy recovery potential and environmental impact of gasification for municipal solid waste. Biofuels, 2019, 10, 87-100.	1.4	51
3	Effects of different vermicompost extracts of palm oil mill effluent and palm-pressed fiber mixture on seed germination of mung bean and its relative toxicity. Environmental Science and Pollution Research, 2018, 25, 35805-35810.	2.7	15
4	Earthworms as plug flow reactors: a first-order kinetic study on the gut of the vermicomposting earthworm <i>Eudrilus eugeniae</i> . Environmental Science and Pollution Research, 2018, 25, 31062-31070.	2.7	4
5	Enhancing reactive blue 4 adsorption through chemical modification of chitosan with hexadecylamine and 3-aminopropyl triethoxysilane. Journal of Water Process Engineering, 2017, 15, 49-54.	2.6	21
6	Adsorption Studies of Methyl Tert-butyl Ether from Environment. Separation and Purification Reviews, 2017, 46, 273-290.	2.8	12
7	Recycling of palm oil industrial wastes using vermicomposting technology: its kinetics study and environmental application. Environmental Science and Pollution Research, 2017, 24, 12982-12990.	2.7	11
8	The phytoextraction potential of selected vegetable plants from soil amended with oil palm decanter cake. International Journal of Recycling of Organic Waste in Agriculture, 2017, 6, 37-45.	2.0	18
9	Prospects of Organic Waste Management and the Significance of Earthworms. , 2016, , .		28
10	Chitosan hydrogel beads impregnated with hexadecylamine for improved reactive blue 4 adsorption. Carbohydrate Polymers, 2016, 137, 139-146.	5.1	73
11	Vermicomposting Derived Liquids: Fertigation Potential in Urban Farming. International Journal of Agricultural Research, 2016, 11, 135-142.	0.0	1
12	Elimination of reactive blue 4 from aqueous solutions using 3-aminopropyl triethoxysilane modified chitosan beads. Carbohydrate Polymers, 2015, 132, 89-96.	5.1	70
13	A review on composting of oil palm biomass. Environment, Development and Sustainability, 2015, 17, 691-709.	2.7	37
14	Effect of frying on the rheological and chemical properties of palm oil and its blends. Journal of Food Science and Technology, 2015, 52, 1444-1452.	1.4	15
15	The Growth and Reproduction of <i>Eisenia fetida</i> and <i>Eudrilus eugeniae</i> in Mixtures of Empty Fruit Bunch and Palm Oil Mill Effluent. Compost Science and Utilization, 2014, 22, 40-46.	1.2	8
16	Application of chitosan and its derivatives as adsorbents for dye removal from water and wastewater: A review. Carbohydrate Polymers, 2014, 113, 115-130.	5.1	844
17	Nutritive value of cattle manure vermicast and its effect on in vitro ruminal gas production. International Journal of Recycling of Organic Waste in Agriculture, 2014, 3, 1.	2.0	1
18	Nitrogen losses in ruminant manure management and use of cattle manure vermicast to improve forage quality. International Journal of Recycling of Organic Waste in Agriculture, 2014, 3, 1.	2.0	13

#	ARTICLE	IF	CITATIONS
19	Biological Responses of Agricultural Soils to Fly-Ash Amendment. <i>Reviews of Environmental Contamination and Toxicology</i> , 2014, 232, 45-60.	0.7	13
20	Oil Palm Biomass as an Adsorbent for Heavy Metals. <i>Reviews of Environmental Contamination and Toxicology</i> , 2014, 232, 61-88.	0.7	21
21	Enhancing Students'™ Ecological Thinking to Improve Understanding of Environmental Risk. , 2014, , 265-272.		2
22	Biochemical, morphological, and yield responses of lady's finger plants to varying ratios of palm oil mill waste (decanter cake) application as a bio-fertilizer. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2013, 2, 7.	2.0	7
23	Chemical Composition and Antioxidant Properties of Candlenut Oil Extracted by Supercritical CO <sub>2</sub> . <i>Journal of Food Science</i> , 2011, 76, C535-42.	1.5	18
24	An overview for exploring the possibilities of energy generation from municipal solid waste (MSW) in Indian scenario. <i>Renewable and Sustainable Energy Reviews</i> , 2011, 15, 4797-4808.	8.2	233
25	Management of biomass residues generated from palm oil mill: Vermicomposting a sustainable option. <i>Resources, Conservation and Recycling</i> , 2011, 55, 423-434.	5.3	90
26	Composting of waste from palm oil mill: a sustainable waste management practice. <i>Reviews in Environmental Science and Biotechnology</i> , 2010, 9, 331-344.	3.9	174
27	Coal fly ash utilization in agriculture: its potential benefits and risks. <i>Reviews in Environmental Science and Biotechnology</i> , 2010, 9, 345-358.	3.9	46
28	Physico-chemical properties of blends of palm olein with other vegetable oils. <i>Grasas Y Aceites</i> , 2010, 61, 423-429.	0.3	55
29	Scavenging behaviour of meranti sawdust in the removal of methylene blue from aqueous solution. <i>Journal of Hazardous Materials</i> , 2009, 170, 357-365.	6.5	184
30	Removal of Cu(II) and Pb(II) ions from aqueous solutions by adsorption on sawdust of Meranti wood. <i>Desalination</i> , 2009, 247, 636-646.	4.0	204
31	Densities and viscosities of aqueous solutions of 1-propanol and 2-propanol at temperatures from 293.15ÅK to 333.15ÅK. <i>Journal of Molecular Liquids</i> , 2007, 136, 71-78.	2.3	253
32	Dehulling and Its Effect on Supercritical Extraction of Palm Kernel Oil.. <i>Journal of Chemical Engineering of Japan</i> , 2001, 34, 407-410.	0.3	15
33	PARAMETER ESTIMATION OF FICK'S LAW DRYING EQUATION. <i>Drying Technology</i> , 1997, 15, 1673-1686.	1.7	6
34	Changes in Characteristics and Physicochemical through Vermicomposting of Pome Sludge by Epigeic Earthworm &i>E. eugeniae&/i>. <i>Advanced Materials Research</i> , 0, 970, 304-307.	0.3	3