

# Mahamad Hakimi Ibrahim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1378976/publications.pdf>

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	Application of chitosan and its derivatives as adsorbents for dye removal from water and wastewater: A review. <i>Carbohydrate Polymers</i> , 2014, 113, 115-130.	5.1	844
2	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
3	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
4	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
5	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
6	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
7	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
8	Chitosan hydrogel beads impregnated with hexadecylamine for improved reactive blue 4 adsorption. <i>Carbohydrate Polymers</i> , 2016, 137, 139-146.	5.1	73
9	Elimination of reactive blue 4 from aqueous solutions using 3-aminopropyl triethoxysilane modified chitosan beads. <i>Carbohydrate Polymers</i> , 2015, 132, 89-96.	5.1	70
10	Physico-chemical properties of blends of palm olein with other vegetable oils. <i>Grasas Y Aceites</i> , 2010, 61, 423-429.	0.3	55
11	Energy recovery potential and environmental impact of gasification for municipal solid waste. <i>Biofuels</i> , 2019, 10, 87-100.	1.4	51
12	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
13	A review on composting of oil palm biomass. <i>Environment, Development and Sustainability</i> , 2015, 17, 691-709.	2.7	37
14	Prospects of Organic Waste Management and the Significance of Earthworms. , 2016, , .		28
15	Enhancing reactive blue 4 adsorption through chemical modification of chitosan with hexadecylamine and 3-aminopropyl triethoxysilane. <i>Journal of Water Process Engineering</i> , 2017, 15, 49-54.	2.6	21
16	Oil Palm Biomass as an Adsorbent for Heavy Metals. <i>Reviews of Environmental Contamination and Toxicology</i> , 2014, 232, 61-88.	0.7	21
17	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
18	The phytoextraction potential of selected vegetable plants from soil amended with oil palm decanter cake. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2017, 6, 37-45.	2.0	18

#	ARTICLE	IF	CITATIONS
19	Dehulling and Its Effect on Supercritical Extraction of Palm Kernel Oil.. Journal of Chemical Engineering of Japan, 2001, 34, 407-410.	0.3	15
20	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
21	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
22	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
23	Biological Responses of Agricultural Soils to Fly-Ash Amendment. Reviews of Environmental Contamination and Toxicology, 2014, 232, 45-60.	0.7	13
24	Adsorption Studies of Methyl Tert-butyl Ether from Environment. Separation and Purification Reviews, 2017, 46, 273-290.	2.8	12
25	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
26	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
27	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. International Journal of Recycling of Organic Waste in Agriculture, 2013, 2, 7.	2.0	7
28	PARAMETER ESTIMATION OF FICK'S LAW DRYING EQUATION. Drying Technology, 1997, 15, 1673-1686.	1.7	6
29	Vermicomposting of organic wastes and the production of vermicompost. , 2020, , 277-285.		5
30	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
31	Changes in Characteristics and Physicochemical through Vermicomposting of Pome Sludge by Epigeic Earthworm <i>E. eugeniae</i> . Advanced Materials Research, 0, 970, 304-307.	0.3	3
32	Enhancing Students' Ecological Thinking to Improve Understanding of Environmental Risk. , 2014, , 265-272.		2
33	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
34	Vermicomposting Derived Liquids: Fertigation Potential in Urban Farming. International Journal of Agricultural Research, 2016, 11, 135-142.	0.0	1