

# Norhafizah Abdullah

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91 papers	2,034 citations	26 h-index	41 g-index
96 ext. papers	2,360 ext. citations	3.8 avg, IF	5.12 L-index

#	Paper	IF	Citations
91	Removal of Fe(III), Mn(II) and Zn(II) from palm oil mill effluent (POME) by natural zeolite. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2012</b> , 43, 750-759	5.3	122
90	Production and characterization of a biofloculant produced by <i>Aspergillus flavus</i> . <i>Bioresource Technology</i> , <b>2013</b> , 127, 489-93	11	112
89	Effect of ultrasonic pre-treatment on low temperature acid hydrolysis of oil palm empty fruit bunch. <i>Bioresource Technology</i> , <b>2010</b> , 101, 9792-6	11	108
88	Titanium dioxide in fuel cell technology: An overview. <i>Journal of Power Sources</i> , <b>2015</b> , 278, 109-118	8.9	82
87	Dispersion and Stabilization of Photocatalytic TiO <sub>2</sub> Nanoparticles in Aqueous Suspension for Coatings Applications. <i>Journal of Nanomaterials</i> , <b>2012</b> , 2012, 1-10	3.2	79
86	Production of bacterial endoglucanase from pretreated oil palm empty fruit bunch by <i>Bacillus pumilus</i> EB3. <i>Journal of Bioscience and Bioengineering</i> , <b>2008</b> , 106, 231-6	3.3	79
85	A tannin-based agent for coagulation and flocculation of municipal wastewater: Chemical composition, performance assessment compared to Polyaluminum chloride, and application in a pilot plant. <i>Journal of Environmental Management</i> , <b>2016</b> , 184, 494-503	7.9	63
84	Assessment of probiotic potential and anticancer activity of newly isolated vaginal bacterium <i>Lactobacillus plantarum</i> 5BL. <i>Microbiology and Immunology</i> , <b>2014</b> , 58, 492-502	2.7	60
83	Evaluation of Biological Pretreatment of Rubberwood with White Rot Fungi for Enzymatic Hydrolysis. <i>Materials</i> , <b>2013</b> , 6, 2059-2073	3.5	59
82	Probiotic potential and biotherapeutic effects of newly isolated vaginal <i>Lactobacillus acidophilus</i> 36YL strain on cancer cells. <i>Anaerobe</i> , <b>2014</b> , 28, 29-36	2.8	57
81	Simplex-centroid mixture formulation for optimised composting of kitchen waste. <i>Bioresource Technology</i> , <b>2010</b> , 101, 8205-10	11	54
80	Microencapsulation of probiotic bacteria <i>Lactobacillus plantarum</i> 15HN using alginate-pectin-fenugreek polymeric blends. <i>Journal of Applied Microbiology</i> , <b>2015</b> , 118, 1048-57	4.7	47
79	Different effects of two newly-isolated probiotic <i>Lactobacillus plantarum</i> 15HN and <i>Lactococcus lactis</i> subsp. <i>Lactis</i> 44Lac strains from traditional dairy products on cancer cell lines. <i>Anaerobe</i> , <b>2014</b> , 30, 51-9	2.8	40
78	The Prophylactic Effect of Probiotic <i>Enterococcus lactis</i> IW5 against Different Human Cancer Cells. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 1317	5.7	38
77	A newly isolated probiotic <i>Enterococcus faecalis</i> strain from vagina microbiota enhances apoptosis of human cancer cells. <i>Journal of Applied Microbiology</i> , <b>2014</b> , 117, 498-508	4.7	37
76	Anticancer impacts of potentially probiotic acetic acid bacteria isolated from traditional dairy microbiota. <i>LWT - Food Science and Technology</i> , <b>2015</b> , 60, 690-697	5.4	34
75	Direct purification of recombinant hepatitis B core antigen from two different pre-conditioned unclarified <i>Escherichia coli</i> feedstocks via expanded bed adsorption chromatography. <i>Journal of Chromatography A</i> , <b>2007</b> , 1172, 47-56	4.5	32

74	A tanninBased agent for coagulation and flocculation of municipal wastewater as a pretreatment for biofilm process. <i>Journal of Cleaner Production</i> , <b>2018</b> , 182, 198-205	10.3	30
73	Heat treatment of unclarified Escherichia coli homogenate improved the recovery efficiency of recombinant hepatitis B core antigen. <i>Journal of Virological Methods</i> , <b>2006</b> , 137, 134-9	2.6	29
72	Probiotics or antibiotics: future challenges in medicine. <i>Journal of Medical Microbiology</i> , <b>2015</b> , 64, 137-146	3.2	28
71	Characterization of Fish Protein Hydrolysate from Tilapia (Oreochromis Niloticus) by-Product. <i>Agriculture and Agricultural Science Procedia</i> , <b>2014</b> , 2, 312-319		28
70	Removal of poly-histidine fusion tags from recombinant proteins purified by expanded bed adsorption. <i>Biotechnology and Bioengineering</i> , <b>2005</b> , 92, 501-13	4.9	28
69	Bioactivity characterization of Lactobacillus strains isolated from dairy products. <i>MicrobiologyOpen</i> , <b>2015</b> , 4, 803-13	3.4	27
68	Continuous metal and residual oil removal from palm oil mill effluent using natural zeolite-packed column. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2012</b> , 43, 934-941	5.3	27
67	Removal of Residual Oils from Palm Oil Mill Effluent by Adsorption on Natural Zeolite. <i>Water, Air, and Soil Pollution</i> , <b>2012</b> , 223, 4017-4027	2.6	27
66	Effect of addition of inulin and fenugreek on the survival of microencapsulated Enterococcus durans 39C in alginate-psyllium polymeric blends in simulated digestive system and yogurt. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 10, 350-361	9	26
65	Assessment on multilayer ultrafiltration membrane for fractionation of tilapia by-product protein hydrolysate with angiotensin I-converting enzyme (ACE) inhibitory activity. <i>Separation and Purification Technology</i> , <b>2017</b> , 173, 250-257	8.3	26
64	Fe-Doped TiO <sub>2</sub> Nanoparticles Produced via MOCVD: Synthesis, Characterization, and Photocatalytic Activity. <i>Journal of Nanomaterials</i> , <b>2011</b> , 2011, 1-8	3.2	26
63	Alginate-Persian Gum-Prebiotics microencapsulation impacts on the survival rate of Lactococcus lactis ABRIINW-N19 in orange juice. <i>LWT - Food Science and Technology</i> , <b>2020</b> , 124, 109190	5.4	25
62	Synthesis and optimization of PtRu/TiO <sub>2</sub> -CNF anodic catalyst for direct methanol fuel cell. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 30543-30552	6.7	24
61	Influence of parameters and radical scavengers on the visible-light-induced degradation of ciprofloxacin in ZnO/SnS nanocomposite suspension: Identification of transformation products. <i>Chemosphere</i> , <b>2020</b> , 253, 126689	8.4	22
60	Probiotic assessment of Enterococcus durans 6HL and Lactococcus lactis 2HL isolated from vaginal microflora. <i>Journal of Medical Microbiology</i> , <b>2014</b> , 63, 1044-1051	3.2	22
59	Anti-proliferative effects of Enterococcus strains isolated from fermented dairy products on different cancer cell lines. <i>Journal of Functional Foods</i> , <b>2014</b> , 11, 363-374	5.1	21
58	Leaf curl diseases of two solanaceous species in Southwest Arabia are caused by a monopartite begomovirus evolutionarily most closely related to a species from the Nile Basin and unique suite of betasatellites. <i>Virus Research</i> , <b>2012</b> , 169, 296-300	6.4	21
57	Coating and Encapsulation of Nanoparticles using Supercritical Antisolvent. <i>American Journal of Applied Sciences</i> , <b>2009</b> , 6, 1352-1358	0.8	20

- 56 Optimizing supercritical antisolvent process parameters to minimize the particle size of paracetamol nanoencapsulated in L-poly lactide. *International Journal of Nanomedicine*, **2011**, 6, 1101-5 7.3 19
- 55 Profiling of rumen fermentation, microbial population and digestibility in goats fed with dietary oils containing different fatty acids. *BMC Veterinary Research*, **2018**, 14, 344 2.7 19
- 54 Effects of Supplementation of Mulberry (*Morus alba*) Foliage and Urea-rice Bran as Fermentable Energy and Protein Sources in Sheep Fed Urea-treated Rice Straw Based Diet. *Asian-Australasian Journal of Animal Sciences*, **2015**, 28, 494-501 2.4 18
- 53 HOT AEROSOL FIRE EXTINGUISHING AGENTS AND THE ASSOCIATED TECHNOLOGIES: A REVIEW. *Brazilian Journal of Chemical Engineering*, **2015**, 32, 707-724 1.7 17
- 52 In vitro degradation of poly (D, L-lactide-co-glycolide) nanoparticles loaded with linamarin. *IET Nanobiotechnology*, **2013**, 7, 33-41 2 17
- 51 SnO<sub>2</sub>/Pt thin film laser ablated gas sensor array. *Sensors*, **2011**, 11, 7724-35 3.8 17
- 50 Isolation and characterization of probiotics from dairies. *Iranian Journal of Microbiology*, **2017**, 9, 234-243 3.9 17
- 49 Under-recognized pertussis in adults from Asian countries: a cross-sectional seroprevalence study in Malaysia, Taiwan and Thailand. *Epidemiology and Infection*, **2016**, 144, 1192-200 4.3 17
- 48 Potentially probiotic acetic acid bacteria isolation and identification from traditional dairies microbiota. *International Journal of Food Science and Technology*, **2015**, 50, 1056-1064 3.8 16
- 47 Biological pretreatment of rubberwood with *Ceriporiopsis subvermispora* for enzymatic hydrolysis and bioethanol production. *BioMed Research International*, **2013**, 2013, 268349 3 16
- 46 Effect of Postdeposition Heat Treatment on the Crystallinity, Size, and Photocatalytic Activity of TiO<sub>2</sub> Nanoparticles Produced via Chemical Vapour Deposition. *Journal of Nanomaterials*, **2010**, 2010, 1-10 3.2 16
- 45 Characterization of mixed xWO<sub>3</sub>(1-x)Y<sub>2</sub>O<sub>3</sub> nanoparticle thick film for gas sensing application. *Sensors*, **2010**, 10, 5074-89 3.8 16
- 44 Probiotic Assessment of *Lactobacillus plantarum* 15HN and *Enterococcus mundtii* 50H Isolated from Traditional Dairies Microbiota. *Advanced Pharmaceutical Bulletin*, **2016**, 6, 37-47 4.5 16
- 43 Behavioral hormoligosis in oviposition preference of *Bemisia tabaci* on cotton. *Pesticide Biochemistry and Physiology*, **2006**, 84, 10-16 4.9 15
- 42 Synthesis of CdS Sensitized TiO<sub>2</sub> Photocatalysts: Methylene Blue Adsorption and Enhanced Photocatalytic Activities. *International Journal of Photoenergy*, **2016**, 2016, 1-14 2.1 15
- 41 Microwave-Assisted Synthesis of Porous ZnO/SnS<sub>2</sub> Heterojunction and Its Enhanced Photoactivity for Water Purification. *Journal of Nanomaterials*, **2015**, 2015, 1-13 3.2 14
- 40 Probiotic Assessment of *Lactobacillus plantarum* 15HN and *Enterococcus mundtii* 50H Isolated from Traditional Dairies Microbiota. *Advanced Pharmaceutical Bulletin*, **2016**, 6, 37-47 4.5 14
- 39 Dynamic mathematical modelling of reaction kinetics for xylitol fermentation using *Candida tropicalis*. *Biochemical Engineering Journal*, **2016**, 111, 10-17 4.2 13

38	Optimizing the Process Parameters for Encapsulation of Linamarin into PLGA Nanoparticles Using Double Emulsion Solvent Evaporation Technique. <i>Advances in Polymer Technology</i> , <b>2013</b> , 32, E486-E504	1.9	13
37	Recent Developments in Purification of Single Wall Carbon Nanotubes. <i>Separation Science and Technology</i> , <b>2014</b> , 49, 2797-2812	2.5	12
36	Effect of Fe Doping on Phase Transition of TiO <sub>2</sub> Nanoparticles Synthesized by MOCVD. <i>Journal of Applied Sciences</i> , <b>2010</b> , 10, 1044-1051	0.3	12
35	Protective potential of Lactobacillus species in lead toxicity model in broiler chickens. <i>Animal</i> , <b>2017</b> , 11, 755-761	3.1	11
34	Synthesis and Characterisation of Graphene Oxide-Silica-Chitosan for Eliminating the Pb(II) from Aqueous Solution. <i>Polymers</i> , <b>2020</b> , 12,	4.5	11
33	Evaluation on performance of dead-end ultrafiltration membrane in fractionating tilapia by-product protein hydrolysate. <i>Separation and Purification Technology</i> , <b>2018</b> , 195, 21-29	8.3	10
32	Effect of different operating modes and biomass concentrations on the recovery of recombinant hepatitis B core antigen from thermal-treated unclarified Escherichia coli feedstock. <i>Journal of Biotechnology</i> , <b>2008</b> , 138, 74-9	3.7	10
31	Toxicity assessment of reduced graphene oxide and titanium dioxide nanomaterials on gram-positive and gram-negative bacteria under normal laboratory lighting condition. <i>Toxicology Reports</i> , <b>2020</b> , 7, 693-699	4.8	10
30	Antioxidant Potential and Angiotensin-Converting Enzyme (ACE) Inhibitory Activity of Orotic Acid-Loaded Gum Arabic Nanoparticles. <i>AAPS PharmSciTech</i> , <b>2019</b> , 20, 53	3.9	10
29	Simple guidelines for a self-built laboratory-scale supercritical anti-solvent system. <i>Journal of Supercritical Fluids</i> , <b>2011</b> , 60, 69-74	4.2	8
28	Higher inclusion rate of canola meal under high ambient temperature for broiler chickens. <i>Poultry Science</i> , <b>2016</b> , 95, 1326-31	3.9	7
27	TiO <sub>2</sub> Nanoparticles prepared by MOCVD: effect of temperature, flowrate, and precursor. <i>Asia-Pacific Journal of Chemical Engineering</i> , <b>2013</b> , 8, 32-44	1.3	7
26	Time, Temperature and Amount of Distilled Water Effects on the Purity and Yield of Bis(2-hydroxyethyl) Terephthalate Purification System. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , <b>2015</b> , 10,	1.7	7
25	Photocatalytic Reduction of Aqueous Cr(VI) with CdS under Visible Light Irradiation: Effect of Particle Size. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , <b>2017</b> , 12, 62	1.7	6
24	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> , <b>2020</b> , 8, 103679	6.8	5
23	3D CFD Simulations of MOCVD Synthesis System of Titanium Dioxide Nanoparticles. <i>Journal of Nanomaterials</i> , <b>2013</b> , 2013, 1-11	3.2	5
22	Preparation and Characterization of Poly (D,L-Lactide-co-Glycolide) (PLGA) Nanoparticles Loaded with Linamarin for Controlled Drug Release. <i>International Journal of Polymer Analysis and Characterization</i> , <b>2013</b> , 18, 414-422	1.7	5
21	Effects of Alginate and Chitosan on Activated Carbon as Immobilisation Beads in Biohydrogen Production. <i>Processes</i> , <b>2020</b> , 8, 1254	2.9	5

20	Chelate coupling with pineapple leaves as a modified bio-sorbent for lead ions (II) removal. <i>International Journal of Environmental Science and Technology</i> , <b>2019</b> , 16, 7293-7304	3.3	3
19	Evaluation of Fermentation Conditions by <i>Candida tropicalis</i> for Xylitol Production from Sago Trunk Cortex. <i>BioResources</i> , <b>2013</b> , 8,	1.3	3
18	Cassava root fermented with yeast improved feed digestibility in Brahman beef cattle. <i>Animal Production Science</i> , <b>2017</b> , 57, 1613	1.4	2
17	The effects of catalyst introduction in carbon fiber coating process via CVD on tensile properties of carbon fiber reinforced polypropylene composite <b>2013</b> ,		2
16	Optimisation of Pyrene Removal by a Mixed Culture in a Soil-Slurry Bioreactor using Response Surface Methodology (RSM). <i>Procedia Engineering</i> , <b>2012</b> , 50, 786-799		2
15	Polymeric micro and nanoparticles as promising drug delivery vehicles: a review. <i>International Journal of Nanoparticles</i> , <b>2012</b> , 5, 316	0.4	2
14	Surface morphology study on effect of deposition temperature on nanostructured zinc oxide by chemical vapour deposition method. <i>Materials Research Innovations</i> , <b>2009</b> , 13, 196-198	1.9	2
13	Ligand Choice in Purifications of Recombinant Proteins by Expanded Bed Adsorption. <i>Chemie-Ingenieur-Technik</i> , <b>2001</b> , 73, 721-722	0.8	2
12	Process Simulation of Two-stage Evaporation and Crystallization Systems for Bis(2-hydroxyethyl) terephthalate Recovery. <i>Journal of Applied Sciences</i> , <b>2012</b> , 12, 1547-1555	0.3	2
11	Microwave assisted synthesis of porous ZnO/SnS heterojunction and its application in visible light degradation of ciprofloxacin <b>2016</b> ,		2
10	Characterization of Magnesium Orotate-Loaded Chitosan Polymer Nanoparticles for a Drug Delivery System. <i>Chemical Engineering and Technology</i> , <b>2019</b> , 42, 1816-1824	2	1
9	3D CFD Simulations: Effect of Operation Parameters on the Deposition of Photocatalytic TiO <sub>2</sub> Nanoparticles by MOCVD. <i>Chemical Vapor Deposition</i> , <b>2015</b> , 21, 99-110		1
8	Effect of Catalyst Concentration on Performance of Hybrid CNT-Carbon Fibre Nanocomposite. <i>Advanced Materials Research</i> , <b>2014</b> , 974, 15-19	0.5	1
7	Development of nanocrystalline laser ablated thick film array gas sensor <b>2010</b> ,		1
6	Fractionation of Tilapia By-Product Protein Hydrolysate Using Multilayer Configuration of Ultrafiltration Membrane. <i>Processes</i> , <b>2021</b> , 9, 446	2.9	1
5	Synthesis and application of functionalized Graphene oxide-silica with chitosan for removal of Cd (II) from aqueous solution. <i>Journal of Environmental Health Science &amp; Engineering</i> , <b>2021</b> , 19, 491-502	2.9	1
4	Novel kaolinite based coolant for hyperthermal pyrotechnic aerosol cooling. <i>Applied Clay Science</i> , <b>2017</b> , 136, 152-157	5.2	
3	RECOVERY OF CYCLODEXTRIN GLUCANOTRANSFERASE (CGTase) USING IMMOBILIZED METAL CHELATING AFFINITY CHROMATOGRAPHY. <i>Brazilian Journal of Chemical Engineering</i> , <b>2015</b> , 32, 43-52	1.7	

- 2 Numerical Method on Drug Release from Nanoparticles Using CFD. *Journal of Nano Research*, **2011**, 13, 61-68 1
- 1 Synthesis of bioactive glass using cellulose nano fibre template.. *Journal of the Mechanical Behavior of Biomedical Materials*, **2022**, 130, 105174 4.1