

Norhafizah Abdullah

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/62432/norhafizah-abdullah-publications-by-year.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Synthesis of bioactive glass using cellulose nano fibre template.. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022 , 130, 105174	4.1	
90	Fractionation of Tilapia By-Product Protein Hydrolysate Using Multilayer Configuration of Ultrafiltration Membrane. <i>Processes</i> , 2021 , 9, 446	2.9	1
89	Synthesis and application of functionalized Graphene oxide-silica with chitosan for removal of Cd (II) from aqueous solution. <i>Journal of Environmental Health Science & Engineering</i> , 2021 , 19, 491-502	2.9	1
88	Alginate-Persian Gum-Prebiotics microencapsulation impacts on the survival rate of <i>Lactococcus lactis</i> ABRINW-N19 in orange juice. <i>LWT - Food Science and Technology</i> , 2020 , 124, 109190	5.4	25
87	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	6.8	5
86	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> , 2020 , 253, 126689	8.4	22
85	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> , 2020 , 7, 693-699	4.8	10
84	Effects of Alginate and Chitosan on Activated Carbon as Immobilisation Beads in Biohydrogen Production. <i>Processes</i> , 2020 , 8, 1254	2.9	5
83	Synthesis and Characterisation of Graphene Oxide-Silica-Chitosan for Eliminating the Pb(II) from Aqueous Solution. <i>Polymers</i> , 2020 , 12,	4.5	11
82	Chelate coupling with pineapple leaves as a modified bio-sorbent for lead ions (II) removal. <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 7293-7304	3.3	3
81	Characterization of Magnesium Orotate-Loaded Chitosan Polymer Nanoparticles for a Drug Delivery System. <i>Chemical Engineering and Technology</i> , 2019 , 42, 1816-1824	2	1
80	Synthesis and optimization of PtRu/TiO ₂ -CNF anodic catalyst for direct methanol fuel cell. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 30543-30552	6.7	24
79	Antioxidant Potential and Angiotensin-Converting Enzyme (ACE) Inhibitory Activity of Orotic Acid-Loaded Gum Arabic Nanoparticles. <i>AAPS PharmSciTech</i> , 2019 , 20, 53	3.9	10
78	A tanninBased agent for coagulation and flocculation of municipal wastewater as a pretreatment for biofilm process. <i>Journal of Cleaner Production</i> , 2018 , 182, 198-205	10.3	30
77	Evaluation on performance of dead-end ultrafiltration membrane in fractionating tilapia by-product protein hydrolysate. <i>Separation and Purification Technology</i> , 2018 , 195, 21-29	8.3	10
76	Profiling of rumen fermentation, microbial population and digestibility in goats fed with dietary oils containing different fatty acids. <i>BMC Veterinary Research</i> , 2018 , 14, 344	2.7	19
75	Cassava root fermented with yeast improved feed digestibility in Brahman beef cattle. <i>Animal Production Science</i> , 2017 , 57, 1613	1.4	2

74	Novel kaolinite based coolant for hyperthermal pyrotechnic aerosol cooling. <i>Applied Clay Science</i> , 2017 , 136, 152-157	5.2	
73	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> , 2017 , 173, 250-257	8.3	26
72	Protective potential of Lactobacillus species in lead toxicity model in broiler chickens. <i>Animal</i> , 2017 , 11, 755-761	3.1	11
71	Isolation and characterization of probiotics from dairies. <i>Iranian Journal of Microbiology</i> , 2017 , 9, 234-243	3.9	17
70	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> , 2017 , 12, 62	1.7	6
69	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> , 2016 , 184, 494-503	7.9	63
68	Higher inclusion rate of canola meal under high ambient temperature for broiler chickens. <i>Poultry Science</i> , 2016 , 95, 1326-31	3.9	7
67	Dynamic mathematical modelling of reaction kinetics for xylitol fermentation using Candida tropicalis. <i>Biochemical Engineering Journal</i> , 2016 , 111, 10-17	4.2	13
66	Probiotic Assessment of Lactobacillus plantarum 15HN and Enterococcus mundtii 50H Isolated from Traditional Dairies Microbiota. <i>Advanced Pharmaceutical Bulletin</i> , 2016 , 6, 37-47	4.5	14
65	Probiotic Assessment of Lactobacillus plantarum 15HN and Enterococcus mundtii 50H Isolated from Traditional Dairies Microbiota. <i>Advanced Pharmaceutical Bulletin</i> , 2016 , 6, 37-47	4.5	16
64	Synthesis of CdS Sensitized TiO ₂ Photocatalysts: Methylene Blue Adsorption and Enhanced Photocatalytic Activities. <i>International Journal of Photoenergy</i> , 2016 , 2016, 1-14	2.1	15
63	Under-recognized pertussis in adults from Asian countries: a cross-sectional seroprevalence study in Malaysia, Taiwan and Thailand. <i>Epidemiology and Infection</i> , 2016 , 144, 1192-200	4.3	17
62	Microwave assisted synthesis of porous ZnO/SnS heterojunction and its application in visible light degradation of ciprofloxacin 2016 ,		2
61	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. <i>Asian-Australasian Journal of Animal Sciences</i> , 2015 , 28, 494-501	2.4	18
60	Effect of addition of inulin and fenugreek on the survival of microencapsulated Enterococcus durans 39C in alginate-pectin polymeric blends in simulated digestive system and yogurt. <i>Asian Journal of Pharmaceutical Sciences</i> , 2015 , 10, 350-361	9	26
59	Probiotics or antibiotics: future challenges in medicine. <i>Journal of Medical Microbiology</i> , 2015 , 64, 137-146	3.2	28
58	Potentially probiotic acetic acid bacteria isolation and identification from traditional dairies microbiota. <i>International Journal of Food Science and Technology</i> , 2015 , 50, 1056-1064	3.8	16
57	Titanium dioxide in fuel cell technology: An overview. <i>Journal of Power Sources</i> , 2015 , 278, 109-118	8.9	82

56	Anticancer impacts of potentially probiotic acetic acid bacteria isolated from traditional dairy microbiota. <i>LWT - Food Science and Technology</i> , 2015 , 60, 690-697	5.4	34
55	3D CFD Simulations: Effect of Operation Parameters on the Deposition of Photocatalytic TiO ₂ Nanoparticles by MOCVD. <i>Chemical Vapor Deposition</i> , 2015 , 21, 99-110		1
54	RECOVERY OF CYCLODEXTRIN GLUCANOTRANSFERASE (CGTase) USING IMMOBILIZED METAL CHELATING AFFINITY CHROMATOGRAPHY. <i>Brazilian Journal of Chemical Engineering</i> , 2015 , 32, 43-52	1.7	
53	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> , 2015 , 10,	1.7	7
52	HOT AEROSOL FIRE EXTINGUISHING AGENTS AND THE ASSOCIATED TECHNOLOGIES: A REVIEW. <i>Brazilian Journal of Chemical Engineering</i> , 2015 , 32, 707-724	1.7	17
51	The Prophylactic Effect of Probiotic <i>Enterococcus lactis</i> IW5 against Different Human Cancer Cells. <i>Frontiers in Microbiology</i> , 2015 , 6, 1317	5.7	38
50	Microwave-Assisted Synthesis of Porous ZnO/SnS ₂ Heterojunction and Its Enhanced Photoactivity for Water Purification. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-13	3.2	14
49	Bioactivity characterization of <i>Lactobacillus</i> strains isolated from dairy products. <i>MicrobiologyOpen</i> , 2015 , 4, 803-13	3.4	27
48	Microencapsulation of probiotic bacteria <i>Lactobacillus plantarum</i> 15HN using alginate-pectin-fenugreek polymeric blends. <i>Journal of Applied Microbiology</i> , 2015 , 118, 1048-57	4.7	47
47	Anti-proliferative effects of <i>Enterococcus</i> strains isolated from fermented dairy products on different cancer cell lines. <i>Journal of Functional Foods</i> , 2014 , 11, 363-374	5.1	21
46	Assessment of probiotic potential and anticancer activity of newly isolated vaginal bacterium <i>Lactobacillus plantarum</i> 5BL. <i>Microbiology and Immunology</i> , 2014 , 58, 492-502	2.7	60
45	A newly isolated probiotic <i>Enterococcus faecalis</i> strain from vagina microbiota enhances apoptosis of human cancer cells. <i>Journal of Applied Microbiology</i> , 2014 , 117, 498-508	4.7	37
44	Probiotic assessment of <i>Enterococcus durans</i> 6HL and <i>Lactococcus lactis</i> 2HL isolated from vaginal microflora. <i>Journal of Medical Microbiology</i> , 2014 , 63, 1044-1051	3.2	22
43	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> , 2014 , 30, 51-9	2.8	40
42	Probiotic potential and biotherapeutic effects of newly isolated vaginal <i>Lactobacillus acidophilus</i> 36YL strain on cancer cells. <i>Anaerobe</i> , 2014 , 28, 29-36	2.8	57
41	Characterization of Fish Protein Hydrolysate from Tilapia (<i>Oreochromis Niloticus</i>) by-Product. <i>Agriculture and Agricultural Science Procedia</i> , 2014 , 2, 312-319		28
40	Recent Developments in Purification of Single Wall Carbon Nanotubes. <i>Separation Science and Technology</i> , 2014 , 49, 2797-2812	2.5	12
39	Effect of Catalyst Concentration on Performance of Hybrid CNT-Carbon Fibre Nanocomposite. <i>Advanced Materials Research</i> , 2014 , 974, 15-19	0.5	1

38	TiO ₂ Nanoparticles prepared by MOCVD: effect of temperature, flowrate, and precursor. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2013 , 8, 32-44	1.3	7
37	The effects of catalyst introduction in carbon fiber coating process via CVD on tensile properties of carbon fiber reinforced polypropylene composite 2013 ,		2
36	3D CFD Simulations of MOCVD Synthesis System of Titanium Dioxide Nanoparticles. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-11	3.2	5
35	Production and characterization of a bioflocculant produced by <i>Aspergillus flavus</i> . <i>Bioresource Technology</i> , 2013 , 127, 489-93	11	112
34	Evaluation of Biological Pretreatment of Rubberwood with White Rot Fungi for Enzymatic Hydrolysis. <i>Materials</i> , 2013 , 6, 2059-2073	3.5	59
33	Optimizing the Process Parameters for Encapsulation of Linamarin into PLGA Nanoparticles Using Double Emulsion Solvent Evaporation Technique. <i>Advances in Polymer Technology</i> , 2013 , 32, E486-E504	1.9	13
32	In vitro degradation of poly (D, L-lactide-co-glycolide) nanoparticles loaded with linamarin. <i>IET Nanobiotechnology</i> , 2013 , 7, 33-41	2	17
31	Biological pretreatment of rubberwood with <i>Ceriporiopsis subvermispora</i> for enzymatic hydrolysis and bioethanol production. <i>BioMed Research International</i> , 2013 , 2013, 268349	3	16
30	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> , 2013 , 18, 414-422	1.7	5
29	Evaluation of Fermentation Conditions by <i>Candida tropicalis</i> for Xylitol Production from Sago Trunk Cortex. <i>BioResources</i> , 2013 , 8,	1.3	3
28	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> , 2012 , 43, 750-759	5.3	122
27	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> , 2012 , 43, 934-941	5.3	27
26	Optimisation of Pyrene Removal by a Mixed Culture in a Soil-Slurry Bioreactor using Response Surface Methodology (RSM). <i>Procedia Engineering</i> , 2012 , 50, 786-799		2
25	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> , 2012 , 169, 296-300	6.4	21
24	Dispersion and Stabilization of Photocatalytic TiO ₂ Nanoparticles in Aqueous Suspension for Coatings Applications. <i>Journal of Nanomaterials</i> , 2012 , 2012, 1-10	3.2	79
23	Removal of Residual Oils from Palm Oil Mill Effluent by Adsorption on Natural Zeolite. <i>Water, Air, and Soil Pollution</i> , 2012 , 223, 4017-4027	2.6	27
22	Polymeric micro and nanoparticles as promising drug delivery vehicles: a review. <i>International Journal of Nanoparticles</i> , 2012 , 5, 316	0.4	2
21	Process Simulation of Two-stage Evaporation and Crystallization Systems for Bis(2-hydroxyethyl) terephthalate Recovery. <i>Journal of Applied Sciences</i> , 2012 , 12, 1547-1555	0.3	2

20	Fe-Doped TiO ₂ Nanoparticles Produced via MOCVD: Synthesis, Characterization, and Photocatalytic Activity. <i>Journal of Nanomaterials</i> , 2011 , 2011, 1-8	3.2	26
19	Optimizing supercritical antisolvent process parameters to minimize the particle size of paracetamol nanoencapsulated in L-polylactide. <i>International Journal of Nanomedicine</i> , 2011 , 6, 1101-5	7.3	19
18	Simple guidelines for a self-built laboratory-scale supercritical anti-solvent system. <i>Journal of Supercritical Fluids</i> , 2011 , 60, 69-74	4.2	8
17	Numerical Method on Drug Release from Nanoparticles Using CFD. <i>Journal of Nano Research</i> , 2011 , 13, 61-68	1	
16	SnO ₂ /Pt thin film laser ablated gas sensor array. <i>Sensors</i> , 2011 , 11, 7724-35	3.8	17
15	Effect of Postdeposition Heat Treatment on the Crystallinity, Size, and Photocatalytic Activity of TiO ₂ Nanoparticles Produced via Chemical Vapour Deposition. <i>Journal of Nanomaterials</i> , 2010 , 2010, 1-10	3.2	16
14	Characterization of mixed xWO ₃ (1-x)Y ₂ O ₃ nanoparticle thick film for gas sensing application. <i>Sensors</i> , 2010 , 10, 5074-89	3.8	16
13	Development of nanocrystalline laser ablated thick film array gas sensor 2010 ,		1
12	Simplex-centroid mixture formulation for optimised composting of kitchen waste. <i>Bioresource Technology</i> , 2010 , 101, 8205-10	11	54
11	Effect of ultrasonic pre-treatment on low temperature acid hydrolysis of oil palm empty fruit bunch. <i>Bioresource Technology</i> , 2010 , 101, 9792-6	11	108
10	Effect of Fe Doping on Phase Transition of TiO ₂ Nanoparticles Synthesized by MOCVD. <i>Journal of Applied Sciences</i> , 2010 , 10, 1044-1051	0.3	12
9	Surface morphology study on effect of deposition temperature on nanostructured zinc oxide by chemical vapour deposition method. <i>Materials Research Innovations</i> , 2009 , 13, 196-198	1.9	2
8	Coating and Encapsulation of Nanoparticles using Supercritical Antisolvent. <i>American Journal of Applied Sciences</i> , 2009 , 6, 1352-1358	0.8	20
7	Production of bacterial endoglucanase from pretreated oil palm empty fruit bunch by bacillus pumilus EB3. <i>Journal of Bioscience and Bioengineering</i> , 2008 , 106, 231-6	3.3	79
6	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> , 2008 , 138, 74-9	3.7	10
5	Direct purification of recombinant hepatitis B core antigen from two different pre-conditioned unclarified Escherichia coli feedstocks via expanded bed adsorption chromatography. <i>Journal of Chromatography A</i> , 2007 , 1172, 47-56	4.5	32
4	Heat treatment of unclarified Escherichia coli homogenate improved the recovery efficiency of recombinant hepatitis B core antigen. <i>Journal of Virological Methods</i> , 2006 , 137, 134-9	2.6	29
3	Behavioral hormoligosis in oviposition preference of Bemisia tabaci on cotton. <i>Pesticide Biochemistry and Physiology</i> , 2006 , 84, 10-16	4.9	15

2	Removal of poly-histidine fusion tags from recombinant proteins purified by expanded bed adsorption. <i>Biotechnology and Bioengineering</i> , 2005 , 92, 501-13	4.9	28
1	Ligand Choice in Purifications of Recombinant Proteins by Expanded Bed Adsorption. <i>Chemie-Ingenieur-Technik</i> , 2001 , 73, 721-722	0.8	2