

# M R Salim

## List of Publications by Year in Descending Order

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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.

66

papers

3,628

citations

29

h-index

60

g-index

72

ext. papers

4,132

ext. citations

5.3

avg, IF

5.45

L-index

#	Paper	IF	Citations
66	Feasibility of nutrients removal and its pathways using integrated anaerobic-aerobic sequencing batch reactor. <i>Bioresource Technology Reports</i> , <b>2022</b> , 17, 100912	4.1	1
65	A Review on Emerging Pollutants in the Water Environment: Existences, Health Effects and Treatment Processes. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 3258	3	15
64	Silver nanoparticles adsorption by the synthetic and natural adsorbent materials: an exclusive review. <i>Nanotechnology for Environmental Engineering</i> , <b>2020</b> , 5, 1	5.1	15
63	Effect of operating parameter on the anaerobic digestion oil palm mesocarp fibre with cattle manure for biogas production. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2020</b> , 476, 012085	0.3	1
62	Removal of Silver Nanoparticles from Water Environment: Experimental, Mathematical Formulation, and Cost Analysis. <i>Water, Air, and Soil Pollution</i> , <b>2019</b> , 230, 1	2.6	12
61	Silver Nanoparticles in the Water Environment in Malaysia: Inspection, characterization, removal, modeling, and future perspective. <i>Scientific Reports</i> , <b>2018</b> , 8, 986	4.9	82
60	Response Surface Methodology for Modeling Bisphenol A Removal Using Ultrafiltration Membrane System. <i>Water, Air, and Soil Pollution</i> , <b>2018</b> , 229, 1	2.6	26
59	Sustainable clean pervious concrete pavement production incorporating palm oil fuel ash as cement replacement. <i>Journal of Cleaner Production</i> , <b>2018</b> , 172, 1476-1485	10.3	38
58	Production of liquid biofuels (biodiesel and bioethanol) from brown marine macroalgae <i>Padina tetrastromatica</i> . <i>Energy Conversion and Management</i> , <b>2017</b> , 135, 351-361	10.6	50
57	Properties of quiet pervious concrete containing oil palm kernel shell and cockleshell. <i>Applied Acoustics</i> , <b>2017</b> , 122, 113-120	3.1	29
56	A Review of Silver Nanoparticles: Research Trends, Global Consumption, Synthesis, Properties, and Future Challenges. <i>Journal of the Chinese Chemical Society</i> , <b>2017</b> , 64, 732-756	1.5	179
55	A purely green synthesis of silver nanoparticles using <i>Carica papaya</i> , <i>Manihot esculenta</i> , and <i>Morinda citrifolia</i> : synthesis and antibacterial evaluations. <i>Bioprocess and Biosystems Engineering</i> , <b>2017</b> , 40, 1349-1361	3.7	26
54	Toxicity characteristics and durability of concrete containing coal ash as substitute for cement and river sand. <i>Construction and Building Materials</i> , <b>2017</b> , 143, 234-246	6.7	35
53	Developed microbial granules containing photosynthetic pigments for carbon dioxide reduction in palm oil mill effluent. <i>International Biodeterioration and Biodegradation</i> , <b>2017</b> , 116, 163-170	4.8	5
52	DEVELOPMENT OF BIOGRANULES IN A PILOT-SCALE SEQUENTIAL BATCH REACTOR TREATING ACTUAL TEXTILE WASTEWATER. <i>Jurnal Teknologi (Sciences and Engineering)</i> , <b>2017</b> , 79,	1.2	2
51	Novel Weed-Extracted Silver Nanoparticles and Their Antibacterial Appraisal against a Rare Bacterium from River and Sewage Treatment Plan. <i>Nanomaterials</i> , <b>2017</b> , 8,	5.4	16
50	Comparing the effects of oil palm kernel shell and cockle shell on properties of pervious concrete pavement. <i>International Journal of Pavement Research and Technology</i> , <b>2017</b> , 10, 383-392	2	26

49	Performance of integrated anaerobic/aerobic sequencing batch reactor treating poultry slaughterhouse wastewater. <i>Chemical Engineering Journal</i> , <b>2017</b> , 313, 967-974	14.7	31
48	On blended cement and geopolymer concretes containing palm oil fuel ash. <i>Materials and Design</i> , <b>2016</b> , 89, 385-398	8.1	91
47	Reduction and biofixation of carbon dioxide in palm oil mill effluent using developed microbial granules containing photosynthetic pigments. <i>Bioresource Technology</i> , <b>2016</b> , 221, 157-164	11	2
46	A review on bisphenol A occurrences, health effects and treatment process via membrane technology for drinking water. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 11549-67	5.1	72
45	Removal of bisphenol A by adsorption mechanism using PES-SiO <sub>2</sub> composite membranes. <i>Environmental Technology (United Kingdom)</i> , <b>2016</b> , 37, 1959-69	2.6	14
44	Institutionalize waste minimization governance towards campus sustainability: A case study of Green Office initiatives in Universiti Teknologi Malaysia. <i>Journal of Cleaner Production</i> , <b>2016</b> , 135, 1407-1422	10.3	46
43	The Removal of Bisphenol A in Water Treatment Plant Using Ultrafiltration Membrane System. <i>Water, Air, and Soil Pollution</i> , <b>2016</b> , 227, 1	2.6	8
42	Investigation of coal bottom ash and fly ash in concrete as replacement for sand and cement. <i>Construction and Building Materials</i> , <b>2016</b> , 116, 15-24	6.7	214
41	Supporting data for identification of biosurfactant-producing bacteria isolated from agro-food industrial effluent. <i>Data in Brief</i> , <b>2016</b> , 7, 834-8	1.2	5
40	Properties of sustainable lightweight pervious concrete containing oil palm kernel shell as coarse aggregate. <i>Construction and Building Materials</i> , <b>2016</b> , 126, 1054-1065	6.7	50
39	Characteristics of developed granules containing phototrophic aerobic bacteria for minimizing carbon dioxide emission. <i>International Biodeterioration and Biodegradation</i> , <b>2015</b> , 102, 15-23	4.8	18
38	Surface modification of SiO <sub>2</sub> nanoparticles and its impact on the properties of PES-based hollow fiber membrane. <i>RSC Advances</i> , <b>2015</b> , 5, 58644-58654	3.7	31
37	Preparation and characterization of PES/SiO <sub>2</sub> composite ultrafiltration membrane for advanced water treatment. <i>Korean Journal of Chemical Engineering</i> , <b>2015</b> , 32, 2319-2329	2.8	40
36	FABRICATION OF MIXED MATRIC MEMBRANE INCORPORATED WITH MODIFIED SILICA NANOPARTICLES FOR BISPHENOL A REMOVAL. <i>Jurnal Teknologi (Sciences and Engineering)</i> , <b>2015</b> , 74,	1.2	4
35	Fundamentals of mass transfer and kinetics for biosorption of oil and grease from agro-food industrial effluent by <i>Serratia marcescens</i> SA30. <i>RSC Advances</i> , <b>2015</b> , 5, 104666-104673	3.7	16
34	Laccase immobilization on cellulose nanofiber: The catalytic efficiency and recyclic application for simulated dye effluent treatment. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2014</b> , 100, 111-120		119
33	Laccase mediated diclofenac transformation and cytotoxicity assessment on mouse fibroblast 3T3-L1 preadipocytes. <i>RSC Advances</i> , <b>2014</b> , 4, 11689	3.7	21
32	Application of ion chromatography for the assessment of cadmium adsorption in simulated wastewater by activated carbon. <i>Desalination and Water Treatment</i> , <b>2014</b> , 52, 3616-3622		3

31	Biological pre-treated oil palm mesocarp fibre with cattle manure for biogas production by anaerobic digestion during acclimatization phase. <i>International Biodeterioration and Biodegradation</i> , <b>2014</b> , 95, 189-194	4.8	18
30	Aggregation and surface hydrophobicity of selected microorganism due to the effect of substrate, pH and temperature. <i>International Biodeterioration and Biodegradation</i> , <b>2014</b> , 93, 202-209	4.8	9
29	Environmental application for GIS: Assessing Iskandar Malaysia (IM) sewage sludge for potential biomass resource. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2014</b> , 18, 012154	0.3	
28	COD and color removal from textile effluent using granular sludge biomass: effect of substrate and riboflavin. <i>Desalination and Water Treatment</i> , <b>2014</b> , 52, 7366-7376		
27	Influence of palm oil mill effluent as inoculum on anaerobic digestion of cattle manure for biogas production. <i>Bioresource Technology</i> , <b>2013</b> , 141, 174-6	11	33
26	Degradation and transformation of anthracene by white-rot fungus <i>Armillaria</i> sp. F022. <i>Folia Microbiologica</i> , <b>2013</b> , 58, 385-91	2.8	25
25	Identification of naphthalene metabolism by white rot fungus <i>Pleurotus eryngii</i> . <i>Bioprocess and Biosystems Engineering</i> , <b>2013</b> , 36, 1455-61	3.7	35
24	Breakdown Products in the Metabolic Pathway of Anthracene Degradation by a Ligninolytic Fungus <i>Polyporus</i> sp. S133. <i>Water, Air, and Soil Pollution</i> , <b>2012</b> , 223, 2201-2208	2.6	33
23	Textile Wastewater Treatment Using Biogranules Under Intermittent Anaerobic/Aerobic Reaction Phase. <i>Journal of Water and Environment Technology</i> , <b>2012</b> , 10, 303-315	1.1	4
22	The effect of hydraulic retention time on granular sludge biomass in treating textile wastewater. <i>Water Research</i> , <b>2011</b> , 45, 4711-21	12.5	72
21	Cultivation of oyster mushroom ( <i>Pleurotus</i> spp.) on palm oil mesocarp fibre. <i>African Journal of Biotechnology</i> , <b>2011</b> , 10,	0.6	7
20	The effect of drastic temperature changes on the performance of MBR treating municipal wastewater. <i>Water Science and Technology</i> , <b>2011</b> , 64, 1398-405	2.2	4
19	The influenced of PAC, zeolite, and <i>Moringa oleifera</i> as biofouling reducer (BFR) on hybrid membrane bioreactor of palm oil mill effluent (POME). <i>Bioresource Technology</i> , <b>2011</b> , 102, 4341-6	11	73
18	Physico-chemical properties of palm oil fuel ash as composite sorbent in kaolin clay landfill liner system <b>2011</b> ,		3
17	<b>2011</b> ,		1
16	The effect of mixed liquor suspended solids (MLSS) on biofouling in a hybrid membrane bioreactor for the treatment of high concentration organic wastewater. <i>Water Science and Technology</i> , <b>2011</b> , 63, 1701-6	2.2	23
15	Development of granular sludge for textile wastewater treatment. <i>Water Research</i> , <b>2010</b> , 44, 4341-50	12.5	98
14	Negatively charged polyethersulfone hollow fiber nanofiltration membrane for the removal of bisphenol A from wastewater. <i>Separation and Purification Technology</i> , <b>2010</b> , 73, 92-99	8.3	53

13	Respirometric analysis of activated sludge models from palm oil mill effluent. <i>Bioresource Technology</i> , <b>2010</b> , 101, 144-9	11	27
12	The effect of different temperatures and fluxes on the performance of membrane bioreactor treating synthetic-municipal wastewater. <i>Desalination</i> , <b>2010</b> , 259, 111-119	10.3	18
11	Application of coagulation-ultrafiltration hybrid process for drinking water treatment: Optimization of operating conditions using experimental design. <i>Separation and Purification Technology</i> , <b>2009</b> , 65, 193-210	8.3	74
10	Development and characterization of novel charged surface modification macromolecule to polyethersulfone hollow fiber membrane with polyvinylpyrrolidone and water. <i>Journal of Membrane Science</i> , <b>2009</b> , 331, 40-49	9.6	75
9	A review of the effects of emerging contaminants in wastewater and options for their removal. <i>Desalination</i> , <b>2009</b> , 239, 229-246	10.3	835
8	Cadmium and lead removal from municipal landfill leachate using carbon adsorbent made from oil palm shell. <i>International Journal of Environment and Waste Management</i> , <b>2009</b> , 4, 331	0.9	1
7	The effects of natural organic matter (NOM) fractions on fouling characteristics and flux recovery of ultrafiltration membranes. <i>Desalination</i> , <b>2007</b> , 212, 191-208	10.3	147
6	Fabrication, fouling and foulant analyses of asymmetric polysulfone (PSF) ultrafiltration membrane fouled with natural organic matter (NOM) source waters. <i>Journal of Membrane Science</i> , <b>2007</b> , 299, 97-113	9.6	95
5	Intracellular biopolymer productions using mixed microbial cultures from fermented POME. <i>Water Science and Technology</i> , <b>2007</b> , 56, 179-85	2.2	31
4	Application of biochemical products as a bioremediation technique for domestic sewage treatment plants. <i>Water Science and Technology</i> , <b>2007</b> , 56, 33-40	2.2	2
3	Behaviours of natural organic matter in membrane filtration for surface water treatment: A review. <i>Desalination</i> , <b>2006</b> , 194, 211-231	10.3	486
2	Application of locally available materials for the treatment of organic polluted water. <i>Water Science and Technology</i> , <b>2002</b> , 46, 339-46	2.2	
1	Spinning Effect of Polyethersulfone Hollow Fiber Membrane Prepared by Water or Polyvinylpyrrolidone in Ternary Formulation1-10		