Salmiati Salmiati

List of Publications by Citations

39 papers	1,105 citations	18 h-index	33 g-index
41 ext. papers	1,362 ext. citations	4.9 avg, IF	4.65 L-index

#	Paper	IF	Citations
39	A Review of Silver Nanoparticles: Research Trends, Global Consumption, Synthesis, Properties, and Future Challenges. *Journal of the Chinese Chemical Society*, **2017**, 64, 732-756	1.5	179
38	An empirical study of construction and demolition waste generation and implication of recycling. *Waste Management*, **2019**, 95, 10-21	8.6	92
37	Silver Nanoparticles in the Water Environment in Malaysia: Inspection, characterization, removal, modeling, and future perspective. *Scientific Reports*, **2018**, 8, 986	4.9	82
36	Application of the kinetic and isotherm models for better understanding of the behaviors of silver nanoparticles adsorption onto different adsorbents. *Journal of Environmental Management*, **2018**, 218, 59-70	7.9	77
35	Decolorization of Azo, Triphenylmethane and Anthraquinone Dyes by Laccase of a Newly Isolated Armillaria sp. F022. *Water, Air, and Soil Pollution*, **2012**, 223, 1045-1054	2.6	61
34	High concentration arsenic removal from aqueous solution using nano-iron ion enrich material (NIIEM) super adsorbent. *Chemical Engineering Journal*, **2017**, 317, 343-355	14.7	51
33	Removal of Remazol Brilliant Blue R from Aqueous Solution by Adsorption Using Pineapple Leaf Powder and Lime Peel Powder. *Water, Air, and Soil Pollution*, **2016**, 227, 1	2.6	47
32	Development of Bio-PORec system for polyhydroxyalkanoates (PHA) production and its storage in mixed cultures of palm oil mill effluent (POME). *Bioresource Technology*, **2012**, 124, 208-16	11	40
31	Sustainable clean pervious concrete pavement production incorporating palm oil fuel ash as cement replacement. *Journal of Cleaner Production*, **2018**, 172, 1476-1485	10.3	38
30	Toxicity characteristics and durability of concrete containing coal ash as substitute for cement and river sand. *Construction and Building Materials*, **2017**, 143, 234-246	6.7	35
29	Influence of palm oil mill effluent as inoculum on anaerobic digestion of cattle manure for biogas production. *Bioresource Technology*, **2013**, 141, 174-6	11	33
28	Performance of integrated anaerobic/aerobic sequencing batch reactor treating poultry slaughterhouse wastewater. *Chemical Engineering Journal*, **2017**, 313, 967-974	14.7	31
27	Intracellular biopolymer productions using mixed microbial cultures from fermented POME. *Water Science and Technology*, **2007**, 56, 179-85	2.2	31
26	Properties of quiet pervious concrete containing oil palm kernel shell and cockleshell. *Applied Acoustics*, **2017**, 122, 113-120	3.1	29
25	A purely green synthesis of silver nanoparticles using Carica papaya, Manihot esculenta, and Morinda citrifolia: synthesis and antibacterial evaluations. *Bioprocess and Biosystems Engineering*, **2017**, 40, 1349-1361	3.7	26
24	Comparing the effects of oil palm kernel shell and cockle shell on properties of pervious concrete pavement. *International Journal of Pavement Research and Technology*, **2017**, 10, 383-392	2	26
23	Adsorption of Procion Red MX-5B and Crystal Violet Dyes from Aqueous Solution onto Corncob Activated Carbon. *Journal of the Chinese Chemical Society*, **2018**, 65, 259-270	1.5	21

22	Triclosan removal by adsorption using activated carbon derived from waste biomass: Isotherms and kinetic studies. *Journal of the Chinese Chemical Society*, **2018**, 65, 951-959	1.5	19
21	Characteristics of developed granules containing phototrophic aerobic bacteria for minimizing carbon dioxide emission. *International Biodeterioration and Biodegradation*, **2015**, 102, 15-23	4.8	18
20	Biological pre-treated oil palm mesocarp fibre with cattle manure for biogas production by anaerobic digestion during acclimatization phase. *International Biodeterioration and Biodegradation*, **2014**, 95, 189-194	4.8	18
19	A proposed aerobic granules size development scheme for aerobic granulation process. *Bioresource Technology*, **2015**, 181, 291-6	11	17
18	Novel Weed-Extracted Silver Nanoparticles and Their Antibacterial Appraisal against a Rare Bacterium from River and Sewage Treatment Plan. *Nanomaterials*, **2017**, 8,	5.4	16
17	Characterization of Titanium Dioxide Doped with Nitrogen and Sulfur and its Photocatalytic Appraisal for Degradation of Phenol and Methylene Blue. *Journal of the Chinese Chemical Society*, **2017**, 64, 1333-1339	1.5	16
16	A Review on Emerging Pollutants in the Water Environment: Existences, Health Effects and Treatment Processes. *Water (Switzerland)*, **2021**, 13, 3258	3	15
15	Silver nanoparticles adsorption by the synthetic and natural adsorbent materials: an exclusive review. *Nanotechnology for Environmental Engineering*, **2020**, 5, 1	5.1	15
14	Removal of Silver Nanoparticles from Water Environment: Experimental, Mathematical Formulation, and Cost Analysis. *Water, Air, and Soil Pollution*, **2019**, 230, 1	2.6	12
13	Development of macroinvertebrate-based multimetric index and establishment of biocriteria for river health assessment in Malaysia. *Ecological Indicators*, **2019**, 104, 449-458	5.8	11
12	Effects of logging activities on ecological water quality indicators in the Berasau River, Johor, Malaysia. *Environmental Monitoring and Assessment*, **2015**, 187, 493	3.1	10
11	Green Synthesis of Silver Nanoparticles Using Muntingia calabura Leaf Extract and Evaluation of Antibacterial Activities. *Biointerface Research in Applied Chemistry*, **2020**, 10, 6253-6261	2.8	9
10	Sticky silver nanoparticles and surface coatings of different textile fabrics stabilised by Muntingia calabura leaf extract. *SN Applied Sciences*, **2020**, 2, 1	1.8	6
9	Developed microbial granules containing photosynthetic pigments for carbon dioxide reduction in palm oil mill effluent. *International Biodeterioration and Biodegradation*, **2017**, 116, 163-170	4.8	5
8	NUTRIENT REMOVAL OF GREY WATER FROM WET MARKET USING SEQUENCING BATCH REACTOR. *Malaysian Journal of Analytical Sciences*, **2016**, 20, 142-148	1	5
7	FABRICATION OF MIXED MATRIC MEMBRANE INCORPORATED WITH MODIFIED SILICA NANOPARTICLES FOR BISPHENOL A REMOVAL. *Jurnal Teknologi (Sciences and Engineering)*, **2015**, 74,	1.2	4
6	Temporal Distribution of Benthic Macroinvertebrate Communities from Tropical Forest Stream in Gunung Pulai Recreational Forest, Johor, Peninsular Malaysia **2015**, 44, 1223-1228		4
5	Reduction and biofixation of carbon dioxide in palm oil mill effluent using developed microbial granules containing photosynthetic pigments. *Bioresource Technology*, **2016**, 221, 157-164	11	2

4	Application of biochemical products as a bioremediation technique for domestic sewage treatment plants. *Water Science and Technology*, **2007**, 56, 33-40	2.2	2
3	Fast and Efficient Removal of Oil from Water Surface Through Activated Carbon and Iron Oxide-Magnetic Nanocomposite **2018**,		1
2	The Physical Modeling Analysis of Fate and Transport of Silver Nanoparticles Dispersed by Water Flow. *Journal of Chemistry*, **2021**, 2021, 1-9	2.3	0
1	Influence of varying reacting conditions in the degradation of azo dye using immobilized TiO2 photocatalyst. *Water Science and Technology*, **2002**, 46, 255-262	2.2	