Salmiati Salmiati

List of Publications by Year
in descending order

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41 papers	1,740 citations	279798 23 h-index	315739 38 g-index
43 all docs	43 docs citations	43 times ranked	2271 citing authors

#	Article	IF	Citations
1	The Physical Modeling Analysis of Fate and Transport of Silver Nanoparticles Dispersed by Water Flow. Journal of Chemistry, 2021, 2021, 1-9.	1.9	1
2	A Review on Emerging Pollutants in the Water Environment: Existences, Health Effects and Treatment Processes. Water (Switzerland), 2021, 13, 3258.	2.7	69
3	Silver nanoparticles adsorption by the synthetic and natural adsorbent materials: an exclusive review. Nanotechnology for Environmental Engineering, 2020, 5, 1.	3.3	30
4	Sticky silver nanoparticles and surface coatings of different textile fabrics stabilised by Muntingia calabura leaf extract. SN Applied Sciences, 2020, 2, 1.	2.9	17
5	Green Synthesis of Silver Nanoparticles Using Muntingia calabura Leaf Extract and Evaluation of Antibacterial Activities. Biointerface Research in Applied Chemistry, 2020, 10, 6253-6261.	1.0	18
6	An empirical study of construction and demolition waste generation and implication of recycling. Waste Management, 2019, 95, 10-21.	7.4	202
7	Development of macroinvertebrate-based multimetric index and establishment of biocriteria for river health assessment in Malaysia. Ecological Indicators, 2019, 104, 449-458.	6.3	26
8	Removal of Silver Nanoparticles from Water Environment: Experimental, Mathematical Formulation, and Cost Analysis. Water, Air, and Soil Pollution, 2019, 230, 1.	2.4	21
9	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.	7.8	115
10	Silver Nanoparticles in the Water Environment in Malaysia: Inspection, characterization, removal, modeling, and future perspective. Scientific Reports, 2018, 8, 986.	3.3	122
11	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.	1.4	30
12	Adsorption of Procion Red MXâ€5B and Crystal Violet Dyes from Aqueous Solution onto Corncob Activated Carbon. Journal of the Chinese Chemical Society, 2018, 65, 259-270.	1.4	33
13	Sustainable clean pervious concrete pavement production incorporating palm oil fuel ash as cement replacement. Journal of Cleaner Production, 2018, 172, 1476-1485.	9.3	64
14	Oil Spill Remediation by Adsorption Using Two Forms of Activated Carbon in Marine Environment. , 2018, , .		2
15	Novel Weed-Extracted Silver Nanoparticles and Their Antibacterial Appraisal against a Rare Bacterium from River and Sewage Treatment Plan. Nanomaterials, 2018, 8, 9.	4.1	27
16	Fast and Efficient Removal of Oil from Water Surface Through Activated Carbon and Iron Oxide-Magnetic Nanocomposite. , 2018, , .		2
17	High concentration arsenic removal from aqueous solution using nano-iron ion enrich material (NIIEM) super adsorbent. Chemical Engineering Journal, 2017, 317, 343-355.	12.7	64
18	Properties of quiet pervious concrete containing oil palm kernel shell and cockleshell. Applied Acoustics, 2017, 122, 113-120.	3.3	52

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19	A Review of Silver Nanoparticles: Research Trends, Global Consumption, Synthesis, Properties, and Future Challenges. Journal of the Chinese Chemical Society, 2017, 64, 732-756.	1.4	274
20	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.	3.4	35
21	Toxicity characteristics and durability of concrete containing coal ash as substitute for cement and river sand. Construction and Building Materials, 2017, 143, 234-246.	7.2	50
22	Developed microbial granules containing photosynthetic pigments for carbon dioxide reduction in palm oil mill effluent. International Biodeterioration and Biodegradation, 2017, 116, 163-170.	3.9	7
23	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.	1.4	22
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.	2.6	40
25	Performance of integrated anaerobic/aerobic sequencing batch reactor treating poultry slaughterhouse wastewater. Chemical Engineering Journal, 2017, 313, 967-974.	12.7	51
26	Reduction and biofixation of carbon dioxide in palm oil mill effluent using developed microbial granules containing photosynthetic pigments. Bioresource Technology, 2016, 221, 157-164.	9.6	3
27	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.	2.4	68
28	NUTRIENT REMOVAL OF GREY WATER FROM WET MARKET USING SEQUENCING BATCH REACTOR. Malaysian Journal of Analytical Sciences, 2016, 20, 142-148.	0.1	6
29	FABRICATION OF MIXED MATRIC MEMBRANE INCORPORATED WITH MODIFIED SILICA NANOPARTICLES FOR BISPHENOL A REMOVAL. Jurnal Teknologi (Sciences and Engineering), 2015, 74, .	0.4	4
30	THE EFFECT OF WATER QUALITY ON REMOVAL OF ACETAMINOPHEN IN SURFACE WATER BY OZONATION PROCESS. Jurnal Teknologi (Sciences and Engineering), 2015, 74, .	0.4	0
31	A proposed aerobic granules size development scheme for aerobic granulation process. Bioresource Technology, 2015, 181, 291-296.	9.6	25
32	Characteristics of developed granules containing phototrophic aerobic bacteria for minimizing carbon dioxide emission. International Biodeterioration and Biodegradation, 2015, 102, 15-23.	3.9	21
33	Effects of logging activities on ecological water quality indicators in the Berasau River, Johor, Malaysia. Environmental Monitoring and Assessment, 2015, 187, 493.	2.7	13
34	Temporal Distribution of Benthic Macroinvertebrate Communities from Tropical Forest Stream in Gunung Pulai Recreational Forest, Johor, Peninsular Malaysia. Sains Malaysiana, 2015, 44, 1223-1228.	0.5	5
35	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.	3.9	21
36	Influence of palm oil mill effluent as inoculum on anaerobic digestion of cattle manure for biogas production. Bioresource Technology, 2013, 141, 174-176.	9.6	37

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37	Development of Bio-PORecÂ® system for polyhydroxyalkanoates (PHA) production and its storage in mixed cultures of palm oil mill effluent (POME). Bioresource Technology, 2012, 124, 208-216.	9.6	47
38	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.	2.4	74
39	Intracellular biopolymer productions using mixed microbial cultures from fermented POME. Water Science and Technology, 2007, 56, 179-185.	2.5	36
40	Application of biochemical products as a bioremediation technique for domestic sewage treatment plants. Water Science and Technology, 2007, 56, 33-40.	2.5	2
41	Influence of varying reacting conditions in the degradation of azo dye using immobilized TiO2 photocatalyst. Water Science and Technology, 2002, 46, 255-262.	2.5	1