

Salmiati Salmiati

List of Publications by Year in descending order

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41
papers

1,740
citations

279798

23
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315739

38
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43
all docs

43
docs citations

43
times ranked

2271
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Silver Nanoparticles: Research Trends, Global Consumption, Synthesis, Properties, and Future Challenges. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 732-756.	1.4	274
2	An empirical study of construction and demolition waste generation and implication of recycling. <i>Waste Management</i> , 2019, 95, 10-21.	7.4	202
3	Silver Nanoparticles in the Water Environment in Malaysia: Inspection, characterization, removal, modeling, and future perspective. <i>Scientific Reports</i> , 2018, 8, 986.	3.3	122
4	Application of the kinetic and isotherm models for better understanding of the behaviors of silver nanoparticles adsorption onto different adsorbents. <i>Journal of Environmental Management</i> , 2018, 218, 59-70.	7.8	115
5	Decolorization of Azo, Triphenylmethane and Anthraquinone Dyes by Laccase of a Newly Isolated <i>Armillaria</i> sp. F022. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 1045-1054.	2.4	74
6	A Review on Emerging Pollutants in the Water Environment: Existences, Health Effects and Treatment Processes. <i>Water (Switzerland)</i> , 2021, 13, 3258.	2.7	69
7	Removal of Remazol Brilliant Blue R from Aqueous Solution by Adsorption Using Pineapple Leaf Powder and Lime Peel Powder. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	68
8	High concentration arsenic removal from aqueous solution using nano-iron ion enrich material (NIEM) super adsorbent. <i>Chemical Engineering Journal</i> , 2017, 317, 343-355.	12.7	64
9	Sustainable clean pervious concrete pavement production incorporating palm oil fuel ash as cement replacement. <i>Journal of Cleaner Production</i> , 2018, 172, 1476-1485.	9.3	64
10	Properties of quiet pervious concrete containing oil palm kernel shell and cockleshell. <i>Applied Acoustics</i> , 2017, 122, 113-120.	3.3	52
11	Performance of integrated anaerobic/aerobic sequencing batch reactor treating poultry slaughterhouse wastewater. <i>Chemical Engineering Journal</i> , 2017, 313, 967-974.	12.7	51
12	Toxicity characteristics and durability of concrete containing coal ash as substitute for cement and river sand. <i>Construction and Building Materials</i> , 2017, 143, 234-246.	7.2	50
13	Development of Bio-PORec® system for polyhydroxyalkanoates (PHA) production and its storage in mixed cultures of palm oil mill effluent (POME). <i>Bioresource Technology</i> , 2012, 124, 208-216.	9.6	47
14	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> , 2017, 10, 383-392.	2.6	40
15	Influence of palm oil mill effluent as inoculum on anaerobic digestion of cattle manure for biogas production. <i>Bioresource Technology</i> , 2013, 141, 174-176.	9.6	37
16	Intracellular biopolymer productions using mixed microbial cultures from fermented POME. <i>Water Science and Technology</i> , 2007, 56, 179-185.	2.5	36
17	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> , 2017, 40, 1349-1361.	3.4	35
18	Adsorption of Procion Red MX-5B and Crystal Violet Dyes from Aqueous Solution onto Corncob Activated Carbon. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 259-270.	1.4	33

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19	Triclosan removal by adsorption using activated carbon derived from waste biomass: Isotherms and kinetic studies. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 951-959.	1.4	30
20	Silver nanoparticles adsorption by the synthetic and natural adsorbent materials: an exclusive review. <i>Nanotechnology for Environmental Engineering</i> , 2020, 5, 1.	3.3	30
21	Novel Weed-Extracted Silver Nanoparticles and Their Antibacterial Appraisal against a Rare Bacterium from River and Sewage Treatment Plan. <i>Nanomaterials</i> , 2018, 8, 9.	4.1	27
22	Development of macroinvertebrate-based multimetric index and establishment of biocriteria for river health assessment in Malaysia. <i>Ecological Indicators</i> , 2019, 104, 449-458.	6.3	26
23	A proposed aerobic granules size development scheme for aerobic granulation process. <i>Bioresource Technology</i> , 2015, 181, 291-296.	9.6	25
24	Characterization of Titanium Dioxide Doped with Nitrogen and Sulfur and its Photocatalytic Appraisal for Degradation of Phenol and Methylene Blue. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 1333-1339.	1.4	22
25	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> , 2014, 95, 189-194.	3.9	21
26	Characteristics of developed granules containing phototrophic aerobic bacteria for minimizing carbon dioxide emission. <i>International Biodeterioration and Biodegradation</i> , 2015, 102, 15-23.	3.9	21
27	Removal of Silver Nanoparticles from Water Environment: Experimental, Mathematical Formulation, and Cost Analysis. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	21
28	Green Synthesis of Silver Nanoparticles Using <i>Muntingia calabura</i> Leaf Extract and Evaluation of Antibacterial Activities. <i>Biointerface Research in Applied Chemistry</i> , 2020, 10, 6253-6261.	1.0	18
29	Sticky silver nanoparticles and surface coatings of different textile fabrics stabilised by <i>Muntingia calabura</i> leaf extract. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	17
30	Effects of logging activities on ecological water quality indicators in the Berasau River, Johor, Malaysia. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 493.	2.7	13
31	Developed microbial granules containing photosynthetic pigments for carbon dioxide reduction in palm oil mill effluent. <i>International Biodeterioration and Biodegradation</i> , 2017, 116, 163-170.	3.9	7
32	NUTRIENT REMOVAL OF GREY WATER FROM WET MARKET USING SEQUENCING BATCH REACTOR. <i>Malaysian Journal of Analytical Sciences</i> , 2016, 20, 142-148.	0.1	6
33	Temporal Distribution of Benthic Macroinvertebrate Communities from Tropical Forest Stream in Gunung Pulai Recreational Forest, Johor, Peninsular Malaysia. <i>Sains Malaysiana</i> , 2015, 44, 1223-1228.	0.5	5
34	FABRICATION OF MIXED MATRIC MEMBRANE INCORPORATED WITH MODIFIED SILICA NANOPARTICLES FOR BISPHENOL A REMOVAL. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	4
35	Reduction and biofixation of carbon dioxide in palm oil mill effluent using developed microbial granules containing photosynthetic pigments. <i>Bioresource Technology</i> , 2016, 221, 157-164.	9.6	3
36	Application of biochemical products as a bioremediation technique for domestic sewage treatment plants. <i>Water Science and Technology</i> , 2007, 56, 33-40.	2.5	2

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37	Oil Spill Remediation by Adsorption Using Two Forms of Activated Carbon in Marine Environment. , 2018, , .		2
38	Fast and Efficient Removal of Oil from Water Surface Through Activated Carbon and Iron Oxide-Magnetic Nanocomposite. , 2018, , .		2
39	Influence of varying reacting conditions in the degradation of azo dye using immobilized TiO ₂ photocatalyst. Water Science and Technology, 2002, 46, 255-262.	2.5	1
40	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
41	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