

# Salmiati Salmiati

## 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.

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 | The Physical Modeling Analysis of Fate and Transport of Silver Nanoparticles Dispersed by Water Flow. <i>Journal of Chemistry</i> , <b>2021</b> , 2021, 1-9  | 2.3  | 0         |
| 38 | 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        |
| 37 | Sticky silver nanoparticles and surface coatings of different textile fabrics stabilised by <i>Muntingia calabura</i> leaf extract. <i>SN Applied Sciences</i> , <b>2020</b> , 2, 1  | 1.8  | 6         |
| 36 | Green Synthesis of Silver Nanoparticles Using <i>Muntingia calabura</i> Leaf Extract and Evaluation of Antibacterial Activities. <i>Biointerface Research in Applied Chemistry</i> , <b>2020</b> , 10, 6253-6261             | 2.8  | 9         |
| 35 | 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        |
| 34 | An empirical study of construction and demolition waste generation and implication of recycling. <i>Waste Management</i> , <b>2019</b> , 95, 10-21   | 8.6  | 92        |
| 33 | Development of macroinvertebrate-based multimetric index and establishment of biocriteria for river health assessment in Malaysia. <i>Ecological Indicators</i> , <b>2019</b> , 104, 449-458                                 | 5.8  | 11        |
| 32 | 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        |
| 31 | 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> , <b>2018</b> , 218, 59-70 | 7.9  | 77        |
| 30 | 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        |
| 29 | Triclosan removal by adsorption using activated carbon derived from waste biomass: Isotherms and kinetic studies. <i>Journal of the Chinese Chemical Society</i> , <b>2018</b> , 65, 951-959                                 | 1.5  | 19        |
| 28 | Fast and Efficient Removal of Oil from Water Surface Through Activated Carbon and Iron Oxide-Magnetic Nanocomposite <b>2018</b> ,  |      | 1         |
| 27 | 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> , <b>2018</b> , 65, 259-270                                      | 1.5  | 21        |
| 26 | 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        |
| 25 | High concentration arsenic removal from aqueous solution using nano-iron ion enrich material (NIIEM) super adsorbent. <i>Chemical Engineering Journal</i> , <b>2017</b> , 317, 343-355                                       | 14.7 | 51        |
| 24 | 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        |
| 23 | 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       |

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|----|--|------|----|
| 22 | 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 |
| 21 | 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 |
| 20 | 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  |
| 19 | 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 |
| 18 | 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> , <b>2017</b> , 64, 1333-1339                              | 1.5  | 16 |
| 17 | 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 |
| 16 | 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 |
| 15 | 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  |
| 14 | 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> , <b>2016</b> , 227, 1   | 2.6  | 47 |
| 13 | NUTRIENT REMOVAL OF GREY WATER FROM WET MARKET USING SEQUENCING BATCH REACTOR. <i>Malaysian Journal of Analytical Sciences</i> , <b>2016</b> , 20, 142-148   | 1    | 5  |
| 12 | 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 |
| 11 | Effects of logging activities on ecological water quality indicators in the Berasau River, Johor, Malaysia. <i>Environmental Monitoring and Assessment</i> , <b>2015</b> , 187, 493  | 3.1  | 10 |
| 10 | FABRICATION OF MIXED MATRIC MEMBRANE INCORPORATED WITH MODIFIED SILICA NANOPARTICLES FOR BISPENOL A REMOVAL. <i>Jurnal Teknologi (Sciences and Engineering)</i> , <b>2015</b> , 74,  | 1.2  | 4  |
| 9  | A proposed aerobic granules size development scheme for aerobic granulation process. <i>Bioresource Technology</i> , <b>2015</b> , 181, 291-6  | 11   | 17 |
| 8  | Temporal Distribution of Benthic Macroinvertebrate Communities from Tropical Forest Stream in Gunung Pulai Recreational Forest, Johor, Peninsular Malaysia <b>2015</b> , 44, 1223-1228   |      | 4  |
| 7  | 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 |
| 6  | 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 |
| 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> , <b>2012</b> , 223, 1045-1054   | 2.6  | 61 |

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|---|---|-----|----|
| 4 | Development of Bio-PORec <sup>®</sup> system for polyhydroxyalkanoates (PHA) production and its storage in mixed cultures of palm oil mill effluent (POME). <i>Bioresource Technology</i> , <b>2012</b> , 124, 208-16 | 11  | 40 |
| 3 | 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 |
| 2 | 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  |
| 1 | Influence of varying reacting conditions in the degradation of azo dye using immobilized TiO <sub>2</sub> photocatalyst. <i>Water Science and Technology</i> , <b>2002</b> , 46, 255-262                              | 2.2 |    |