

Mohd Nazli Naim

List of Publications by Year in descending order

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40
papers

567
citations

687363

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677142

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all docs

40
docs citations

40
times ranked

806
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A Review: Potential Usage of Cellulose Nanofibers (CNF) for Enzyme Immobilization via Covalent Interactions. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 1817-1842. | 2.9 | 100 |
| 2 | Antimicrobial properties of starch films incorporated with chitosan nanoparticles: In vitro and in vivo evaluation. <i>Carbohydrate Polymers</i> , 2020, 230, 115602. | 10.2 | 84 |
| 3 | Immobilisation of cyclodextrin glucanotransferase into polyvinyl alcohol (PVA) nanofibres via electrospinning. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2016, 10, 44-48. | 4.4 | 43 |
| 4 | DEGRADATION OF OIL PALM EMPTY FRUIT BUNCHES (OPEFB) FIBRE DURING COMPOSTING PROCESS USING IN-VESSEL COMPOSTER. <i>BioResources</i> , 2012, 7, . | 1.0 | 28 |
| 5 | Covalent immobilization of cyclodextrin glucanotransferase on kenaf cellulose nanofiber and its application in ultrafiltration membrane system. <i>Process Biochemistry</i> , 2017, 55, 85-95. | 3.7 | 27 |
| 6 | Electrophoretic packing structure from aqueous nanoparticle suspension in pulse DC charging. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 360, 13-19. | 4.7 | 25 |
| 7 | PLA/MMT and PLA/Halloysite Bio-Nanocomposite Films: Mechanical, Barrier, and Transparency. <i>Journal of Nano Research</i> , 0, 59, 77-93. | 0.8 | 23 |
| 8 | Deposition of TiO ₂ nanoparticles in surfactant-containing aqueous suspension by a pulsed DC charging-mode electrophoresis. <i>Journal of the Ceramic Society of Japan</i> , 2009, 117, 127-132. | 1.1 | 20 |
| 9 | Mechanical, thermal, and barrier properties of starch films incorporated with chitosan nanoparticles. <i>Nanotechnology Reviews</i> , 2022, 11, 1464-1477. | 5.8 | 17 |
| 10 | PHYSICOCHEMICAL PROPERTY CHANGES OF OIL PALM MESOCARP FIBERS TREATED WITH HIGH-PRESSURE STEAM. <i>BioResources</i> , 2012, 7, . | 1.0 | 16 |
| 11 | Deposition of fine iron oxide particles in tap water using electrophoretic deposition (EPD) technique. <i>Journal of Water Process Engineering</i> , 2015, 7, 123-130. | 5.6 | 16 |
| 12 | Evaluation of surface water treated with lotus plant; <i>Nelumbo nucifera</i> . <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103048. | 6.7 | 16 |
| 13 | Electrical-driven disaggregation of the two-dimensional assembly of colloidal polymer particles under pulse DC charging. <i>Advanced Powder Technology</i> , 2010, 21, 534-541. | 4.1 | 14 |
| 14 | Bleached kenaf microfiber as a support matrix for cyclodextrin glucanotransferase immobilization via covalent binding by different coupling agents. <i>Process Biochemistry</i> , 2017, 56, 81-89. | 3.7 | 14 |
| 15 | Electrospray deposition of titanium dioxide (TiO ₂) nanoparticles. <i>AIP Conference Proceedings</i> , 2014, , . | 0.4 | 13 |
| 16 | Electrostatic Deposition of Aerosol Particles Generated from an Aqueous Nanopowder Suspension on a Chemically Treated Substrate. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 06GH17. | 1.5 | 10 |
| 17 | Enzymatic Saccharification of Oil Palm Mesocarp Fiber (OPMF) Treated with Superheated Steam. <i>BioResources</i> , 2012, 8, . | 1.0 | 10 |
| 18 | Immobilization of colloidal particles into sub-100 nm porous structures by electrophoretic methods in aqueous media. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 459, 142-150. | 4.7 | 9 |

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|----|---|-----|-----------|
| 19 | Transformation of cyclodextrin glucanotransferase (CGTase) from aqueous suspension to fine solid particles via electrospraying. <i>Enzyme and Microbial Technology</i> , 2014, 64-65, 52-59. | 3.2 | 9 |
| 20 | Preparation and Characterisation of Cyclodextrin Glucanotransferase Enzyme Immobilised in Electrospun Nanofibrous Membrane. <i>Journal of Fiber Science and Technology</i> , 2017, 73, 251-260. | 0.4 | 8 |
| 21 | Cellulase Production from Treated Oil Palm Empty Fruit Bunch Degradation by Locally Isolated <i>Thermobifida fusca</i> . <i>BioResources</i> , 2012, 8, . | 1.0 | 6 |
| 22 | Mass transfer with reaction kinetics of the biocatalytic membrane reactor using a fouled covalently immobilised enzyme layer (i.e. "CGTase" CNF layer). <i>Biochemical Engineering Journal</i> , 2019, 152, 107374. | 3.6 | 6 |
| 23 | Growth-controlled synthesis of polymer-coated colloidal-gold nanoparticles using electrospray-based chemical reduction. <i>Particuology</i> , 2021, 57, 72-81. | 3.6 | 6 |
| 24 | Effects of ultrasonicated methylcellulose coating on French fries during deep frying process. <i>Journal of Food Process Engineering</i> , 2020, 43, e13332. | 2.9 | 5 |
| 25 | Electrospun Polyetherimide-Graphene Oxide Nanofiber Electrodes for Enhanced Conductivity. <i>Journal of Fiber Science and Technology</i> , 2021, 77, 136-145. | 0.4 | 5 |
| 26 | Chemical-Physical Treatment for Production of Cellulose Nanofiber from Kenaf Bast Fiber. <i>Journal of Natural Fibers</i> , 0, , 1-12. | 3.1 | 5 |
| 27 | Nanoparticle preparation of Mefenamic acid by electrospray drying. , 2014, , . | | 4 |
| 28 | Formation of Sol Gel Dried Droplets of Carbon Doped Titanium Dioxide (TiO ₂) at Low Temperature via Electrospraying. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 358, 012048. | 0.6 | 4 |
| 29 | Effect of initial concentration of chitosan on the particle size of chitosan nanoparticle. <i>International Journal of Nanotechnology</i> , 2019, 16, 680. | 0.2 | 4 |
| 30 | Deposition of nanostructures derived from electrostatically stabilised TiO ₂ aqueous suspension onto a biocomposite. <i>Advanced Powder Technology</i> , 2015, 26, 362-367. | 4.1 | 3 |
| 31 | Formation of fine and encapsulated mefenamic acid form I particles for dissolution improvement via electrospray method. <i>Particulate Science and Technology</i> , 2018, 36, 298-307. | 2.1 | 3 |
| 32 | Inhibition of acrylamide formation in potato strip by ultrasonic-treated methylcellulose batter. <i>International Journal of Food Science and Technology</i> , 0, , . | 2.7 | 3 |
| 33 | Encapsulation of bioactive compound from extracted jasmine flower using β -Cyclodextrin via electrospray. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016, 36, 012054. | 0.3 | 2 |
| 34 | Characterisation of crude palm oil O/W emulsion produced with Tween 80 and potential in residual oil recovery of palm pressed mesocarp fibre. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016, 36, 012033. | 0.3 | 2 |
| 35 | Effect of ball milling and ultrasonication time on particle size of chitosan for potential nanofiller in food packaging film. <i>Acta Horticulturae</i> , 2017, , 125-130. | 0.2 | 2 |
| 36 | Role of nanoclay surface charge for phytoremediation process enhancement. <i>Journal of Water Process Engineering</i> , 2021, 40, 101850. | 5.6 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Electric-Potential-Assisted Crystallisation of L-Isoleucine: A Study of Nucleation Kinetics and Its Associated Parameters. <i>Crystals</i> , 2021, 11, 620. | 2.2 | 2 |
| 38 | Removal of fine iron-oxide particles after post-filtration in local potable water using an electrophoretic method. <i>Journal of Water Process Engineering</i> , 2016, 9, 208-214. | 5.6 | 1 |
| 39 | Electrophoretic deposition of adsorbed arsenic on fine iron oxide particles in tap water. AIP Conference Proceedings, 2016, , . | 0.4 | 0 |
| 40 | Electrophoretic mobility of nano-emulsified cinnamon oil in sodium dodecyl sulphate-polyacrylamide gel electrophoresis (SDS-PAGE) system. <i>Food Research</i> , 2019, 3, 333-341. | 0.8 | 0 |