

# Assoc Ninie Suhana Abdul Manan

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,513  
citations

279487

23  
h-index

315357

38  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2267  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | One-step hydrothermal green synthesis of silver nanoparticle-carbon nanotube reduced-graphene oxide composite and its application as hydrogen peroxide sensor. <i>Sensors and Actuators B: Chemical</i> , 2015, 208, 389-398. | 4.0 | 167       |
| 2  | Electrochemistry of Sulfur and Polysulfides in Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2011, 115, 13873-13879.  | 1.2 | 147       |
| 3  | Electrochemical detection of hydrogen peroxide on a new microporous Ni <sup>II</sup> -metal organic framework material-carbon paste electrode. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 1148-1156.               | 4.0 | 92        |
| 4  | Physicochemical properties of ammonium-based deep eutectic solvents and their electrochemical evaluation using organometallic reference redox systems. <i>Electrochimica Acta</i> , 2013, 113, 205-211.                       | 2.6 | 90        |
| 5  | Polyaniline-dicationic ionic liquid coated with magnetic nanoparticles composite for magnetic solid phase extraction of polycyclic aromatic hydrocarbons in environmental samples. <i>Talanta</i> , 2018, 178, 211-221.       | 2.9 | 83        |
| 6  | The electrochemical behaviour of ferrocene in deep eutectic solvents based on quaternary ammonium and phosphonium salts. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 1707-1714.                                    | 1.3 | 53        |
| 7  | The effect of LiCF <sub>3</sub> SO <sub>3</sub> on the complexation with potato starch-chitosan blend polymer electrolytes. <i>Ionics</i> , 2016, 22, 1647-1658.  | 1.2 | 51        |
| 8  | Efficient removal of phenolic compounds from model oil using benzyl Imidazolium-based ionic liquids. <i>Journal of Molecular Liquids</i> , 2017, 240, 794-802.  | 2.3 | 45        |
| 9  | A Novel Potentiometric Sensor Based on 1,2-Bis(N <sup>+</sup> -benzoylthioureido)benzene and Reduced Graphene Oxide for Determination of Lead (II) Cation in Raw Milk. <i>Electrochimica Acta</i> , 2015, 165, 221-231.       | 2.6 | 43        |
| 10 | One-pot electrochemical gram-scale synthesis of graphene using deep eutectic solvents and acetonitrile. <i>Chemical Engineering Journal</i> , 2015, 274, 213-223.   | 6.6 | 42        |
| 11 | Monitoring potassium metal electrodeposition from an ionic liquid using in situ electrochemical-X-ray photoelectron spectroscopy. <i>Chemical Physics Letters</i> , 2011, 509, 72-76.   | 1.2 | 39        |
| 12 | Investigation of Ammonium- and Phosphonium-Based Deep Eutectic Solvents as Electrolytes for a Non-Aqueous All-Vanadium Redox Cell. <i>Journal of the Electrochemical Society</i> , 2016, 163, A632-A638.                      | 1.3 | 37        |
| 13 | One-step preparation of silver <sup>0</sup> -polyaniline nanotube composite for non-enzymatic hydrogen peroxide detection. <i>Applied Surface Science</i> , 2015, 347, 816-823.   | 3.1 | 35        |
| 14 | Synthesis, characterization, photoluminescence, and electrochemical studies of novel mononuclear Cu(II) and Zn(II) complexes with the 1-benzylimidazolium ligand. <i>Journal of Molecular Structure</i> , 2017, 1141, 31-38.  | 1.8 | 35        |
| 15 | Carbon Dioxide (CO <sub>2</sub> ) Adsorption by Activated Carbon Functionalized with Deep Eutectic Solvent (DES). <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 206, 012001.                        | 0.3 | 34        |
| 16 | The Effect of Temperature on Kinetics and Diffusion Coefficients of Metallocene Derivatives in Polyol-Based Deep Eutectic Solvents. <i>PLoS ONE</i> , 2015, 10, e0144235.   | 1.1 | 33        |
| 17 | The use of ionic liquids as additive to stabilize surfactant foam for mobility control application. <i>Journal of Petroleum Science and Engineering</i> , 2018, 167, 192-201.   | 2.1 | 33        |
| 18 | Solid-state double layer capacitors and protonic cell fabricated with dextran from <i>Leuconostoc mesenteroides</i> based green polymer electrolyte. <i>Materials Chemistry and Physics</i> , 2020, 241, 122290.              | 2.0 | 33        |

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|----|---|-----|-----------|
| 19 | Conductivity and Dielectric Studies of Lithium Trifluoromethanesulfonate Doped Polyethylene Oxide-Graphene Oxide Blend Based Electrolytes. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-10.                                 | 1.0 | 31        |
| 20 | In situ electrochemical-X-ray Photoelectron Spectroscopy: Rubidium metal deposition from an ionic liquid in competition with solvent breakdown. <i>Chemical Physics Letters</i> , 2011, 517, 103-107.   | 1.2 | 29        |
| 21 | Inclusion complex of Alizarin Red S with $\beta$ -cyclodextrin: Synthesis, spectral, electrochemical and computational studies. <i>Journal of Molecular Structure</i> , 2015, 1083, 236-244.  | 1.8 | 24        |
| 22 | Structural, impedance and electrochemical double-layer capacitor characteristics of improved number density of charge carrier electrolytes employing potato starch blend polymers. <i>Ionics</i> , 2020, 26, 5773-5804.                             | 1.2 | 24        |
| 23 | Ionic Liquid Application in Surfactant Foam Stabilization for Gas Mobility Control. <i>Energy &amp; Fuels</i> , 2018, 32, 6545-6556.  | 2.5 | 23        |
| 24 | Volatilisation of ferrocene from ionic liquids: kinetics and mechanism. <i>Chemical Communications</i> , 2011, 47, 7083.  | 2.2 | 21        |
| 25 | Magnetite nanoparticles coated with $\beta$ -cyclodextrin functionalized-ionic liquid: Synthesis and its preliminary investigation as a new sensing material. <i>Applied Surface Science</i> , 2015, 357, 543-550.                                  | 3.1 | 20        |
| 26 | One-Step Synthesis of Different Silver-Polyaniline Composite Morphologies for Enzymless Hydrogen Peroxide Detection. <i>Journal of the Electrochemical Society</i> , 2015, 162, B193-B200.  | 1.3 | 17        |
| 27 | The Kinetics of Ferrocene Volatilisation from an Ionic Liquid. <i>ChemPhysChem</i> , 2011, 12, 1708-1713.   | 1.0 | 16        |
| 28 | A novel potentiometric self-plasticizing polypyrrole sensor based on a bidentate bis-NHC ligand for determination of Hg(II) cation. <i>RSC Advances</i> , 2015, 5, 76263-76274.   | 1.7 | 16        |
| 29 | Superhydrophobic magnetic nanoparticle-free fatty acid regenerated from waste cooking oil for the enrichment of carcinogenic polycyclic aromatic hydrocarbons in sewage sludges and landfill leachates. <i>RSC Advances</i> , 2016, 6, 87719-87729. | 1.7 | 16        |
| 30 | The development of Li <sup>+</sup> conducting polymer electrolyte based on potato starch/graphene oxide blend. <i>Ionics</i> , 2017, 23, 411-425.   | 1.2 | 16        |
| 31 | Polyaniline modified magnetic nanoparticles coated with dicationic ionic liquid for effective removal of rhodamine B (RB) from aqueous solution. <i>RSC Advances</i> , 2018, 8, 33180-33192.  | 1.7 | 16        |
| 32 | Electrochemical determination of 2,4-dichlorophenol at $\beta$ -cyclodextrin functionalized ionic liquid modified chemical sensor: voltammetric and amperometric studies. <i>RSC Advances</i> , 2016, 6, 100186-100194.                             | 1.7 | 15        |
| 33 | Novel Palm Fatty Acid Functionalized Magnetite Nanoparticles for Magnetic Solid-Phase Extraction of Trace Polycyclic Aromatic Hydrocarbons from Environmental Samples. <i>Journal of Oleo Science</i> , 2017, 66, 771-784.                          | 0.6 | 15        |
| 34 | Synthesis of PANI/hematite/PB hybrid nanocomposites and fabrication as screen printed paper based sensors for cholesterol detection. <i>Analytical Methods</i> , 2016, 8, 8049-8058.  | 1.3 | 14        |
| 35 | Palm Fatty Acid Functionalized Fe <sub>3</sub> O <sub>4</sub> Nanoparticles as Highly Selective Oil Adsorption Material. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 3248-3256.  | 0.9 | 12        |
| 36 | Supramolecular interaction of 2,4-dichlorophenol and $\beta$ -cyclodextrin functionalized ionic liquid and its preliminary study in sensor application. <i>Journal of Molecular Liquids</i> , 2015, 212, 850-856.                                   | 2.3 | 10        |

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|----|---|-----|-----------|
| 37 | Non-Enzymatic Glucose Sensors Involving Copper: An Electrochemical Perspective. <i>Critical Reviews in Analytical Chemistry</i> , 0, , 1-57.  | 1.8 | 10        |
| 38 | A New N-Heterocyclic Carbene Ionophore in Plasticizer-free Polypyrrole Membrane for Determining Ag <sup>+</sup> in Tap Water. <i>Electrochimica Acta</i> , 2016, 197, 10-22.  | 2.6 | 9         |
| 39 | Adsorption of phenols from contaminated water through titania-silica mixed imidazolium based ionic liquid: Equilibrium, kinetic and thermodynamic modeling studies. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2016, 53, 619-628.  | 1.2 | 9         |
| 40 | Structural, electrochemical, and adsorption studies of Ni and Zn benzylimidazole coordination polymers with terephthalate linkers. <i>Transition Metal Chemistry</i> , 2018, 43, 53-64.   | 0.7 | 8         |
| 41 | Volatilisation of substituted ferrocene compounds of different sizes from room temperature ionic liquids: a kinetic and mechanistic study. <i>New Journal of Chemistry</i> , 2012, 36, 774.   | 1.4 | 7         |
| 42 | Facile synthesis and characterization of novel dicarboxylate-Cu based MOFs materials. <i>Inorganica Chimica Acta</i> , 2019, 491, 59-66.  | 1.2 | 7         |
| 43 | Temperature Effects on the Kinetics of Ferrocene and Cobaltocenium in Methyltriphenylphosphonium Bromide Based Deep Eutectic Solvents. <i>Journal of the Electrochemical Society</i> , 2015, 162, H617-H624.  | 1.3 | 6         |
| 44 | G3 Assisted Rational Design of Chemical Sensor Array Using Carbonitrile Neutral Receptors. <i>Sensors</i> , 2013, 13, 13835-13860.  | 2.1 | 4         |
| 45 | How do isomeric ortho, meta and paradicationic ionic liquids impact the production of 5-hydroxymethylfurfural?. <i>Journal of Molecular Liquids</i> , 2017, 238, 574-581.   | 2.3 | 4         |
| 46 | Influence of degree of substitution on the host-guest inclusion complex between ionic liquid substituted $\beta$ -cyclodextrins with 2,4-dichlorophenol: An electrochemical, NMR and molecular docking studies. <i>Journal of Molecular Liquids</i> , 2019, 292, 111334.  | 2.3 | 4         |
| 47 | Electrochemistry of Zirconium Tetrachloride in the Ionic Liquid <i>n</i> -Butylmethylpyrrolidinium Bis(trifluoromethylsulfonyl)imide: Formation of Zr(III) and Exploitation of ZrCl <sub>4</sub> as a Facile Ionic Liquid Drying Agent. <i>Electroanalysis</i> , 2012, 24, 210-213.                                       | 1.5 | 3         |
| 48 | Optimization of a Cu-O-Based Sensor for the Detection of Glucose Using a Central Composite Design. <i>IEEE Sensors Journal</i> , 2020, 20, 12109-12116.   | 2.4 | 3         |
| 49 | Electrochemistry of Hg(II) Salts in Room-Temperature Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2011, 115, 2574-2581.  | 1.2 | 2         |
| 50 | Rational design of carbonitrile-carboxaldehyde cation receptor models: probing the nature of the heteroatom-metal interaction. <i>Journal of Molecular Modeling</i> , 2014, 20, 2428.   | 0.8 | 2         |
| 51 | Electrochemical behavior of NH <sub>4</sub> VO <sub>3</sub> in glycine DES studied by cyclic voltammetry method. <i>Ionics</i> , 2019, 25, 4981-4990.   | 1.2 | 2         |
| 52 | Free Fatty Acid from Waste Palm Oil Functionalized Magnetic Nanoparticles Immobilized on Surface Graphene Oxide as a New Adsorbent for Simultaneously Detecting Hazardous Polycyclic Aromatic Hydrocarbons and Phthalate Esters in Food Extracts. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 5522-5534. | 0.9 | 2         |
| 53 | Synthesis of new Zn-decorated metal-organic frameworks for enhanced removal of carcinogenic textile dye: equilibrium and kinetic modeling studies. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2021, 56, 1296-1305.                            | 0.9 | 2         |
| 54 | Electrical and structural characteristics of fish skin gelatin as alternative biopolymer electrolyte. <i>Physica Scripta</i> , 2022, 97, 055003.  | 1.2 | 2         |

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| 55 | Non-Enzymatic Glucose Sensors Involving Copper: An Electrochemical Perspective. Critical Reviews in Analytical Chemistry, 2021, , 1-57. | 1.8 | 0         |