

# Assoc Ninie Suhana Abdul Manan

## 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.

55  
papers

1,179  
citations

20  
h-index

33  
g-index

55  
ext. papers

1,338  
ext. citations

4.1  
avg, IF

4.64  
L-index

#	Paper	IF	Citations
55	Electrical and structural characteristics of fish skin gelatin as alternative biopolymer electrolyte. <i>Physica Scripta</i> , <b>2022</b> , 97, 055003	2.6	0
54	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> , <b>2021</b> , 56, 1296-1305	2.3	1
53	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> , <b>2021</b> , 21, 5522-5534	1.3	0
52	Non-Enzymatic Glucose Sensors Involving Copper: An Electrochemical Perspective. <i>Critical Reviews in Analytical Chemistry</i> , <b>2021</b> , 1-57	5.2	
51	Optimization of a Cu-O-Based Sensor for the Detection of Glucose Using a Central Composite Design. <i>IEEE Sensors Journal</i> , <b>2020</b> , 20, 12109-12116	4	1
50	Structural, impedance and electrochemical double-layer capacitor characteristics of improved number density of charge carrier electrolytes employing potato starch blend polymers. <i>Ionics</i> , <b>2020</b> , 26, 5773-5804	2.7	15
49	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> , <b>2020</b> , 241, 122290	4.4	26
48	Electrochemical behavior of NH <sub>4</sub> VO <sub>3</sub> in glyceline DES studied by cyclic voltammetry method. <i>Ionics</i> , <b>2019</b> , 25, 4981-4990	2.7	1
47	Facile synthesis and characterization of novel dicarboxylate-Cu based MOFs materials. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 491, 59-66	2.7	6
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> , <b>2019</b> , 292, 111334	6	4
45	The use of ionic liquids as additive to stabilize surfactant foam for mobility control application. <i>Journal of Petroleum Science and Engineering</i> , <b>2018</b> , 167, 192-201	4.4	25
44	Polyaniline-dicationic ionic liquid coated with magnetic nanoparticles composite for magnetic solid phase extraction of polycyclic aromatic hydrocarbons in environmental samples. <i>Talanta</i> , <b>2018</b> , 178, 211-221	6.3	66
43	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> , <b>2018</b> , 18, 3248-3256	1.3	8
42	Structural, electrochemical, and adsorption studies of Ni and Zn benzylimidazole coordination polymers with terephthalate linkers. <i>Transition Metal Chemistry</i> , <b>2018</b> , 43, 53-64	2.1	6
41	Electrochemical detection of hydrogen peroxide on a new microporous Ni-metal organic framework material-carbon paste electrode. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 254, 1148-1156	8.5	60
40	Polyaniline modified magnetic nanoparticles coated with dicationic ionic liquid for effective removal of rhodamine B (RB) from aqueous solution.. <i>RSC Advances</i> , <b>2018</b> , 8, 33180-33192	3.7	7
39	Ionic Liquid Application in Surfactant Foam Stabilization for Gas Mobility Control. <i>Energy &amp; Fuels</i> , <b>2018</b> , 32, 6545-6556	4.1	14

38	How do isomeric ortho, meta and paradicationic ionic liquids impact the production of 5-hydroxymethylfurfural?. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 238, 574-581	6	3
37	Efficient removal of phenolic compounds from model oil using benzyl Imidazolium-based ionic liquids. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 240, 794-802	6	34
36	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> , <b>2017</b> , 1141, 31-38	3.4	27
35	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> , <b>2017</b> , 66, 771-784	1.6	10
34	The development of Li <sup>+</sup> conducting polymer electrolyte based on potato starch/graphene oxide blend. <i>Ionics</i> , <b>2017</b> , 23, 411-425	2.7	12
33	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> , <b>2017</b> , 206, 012001	0.4	29
32	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> , <b>2016</b> , 6, 87719-87729	3.7	11
31	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> , <b>2016</b> , 53, 619-628	2.2	7
30	Electrochemical determination of 2,4-dichlorophenol at Cyclodextrin functionalized ionic liquid modified chemical sensor: voltammetric and amperometric studies. <i>RSC Advances</i> , <b>2016</b> , 6, 100186-100194	3.7	13
29	Synthesis of PANI/hematite/PB hybrid nanocomposites and fabrication as screen printed paper based sensors for cholesterol detection. <i>Analytical Methods</i> , <b>2016</b> , 8, 8049-8058	3.2	9
28	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> , <b>2016</b> , 163, A632-A638	3.9	27
27	The effect of LiCF <sub>3</sub> SO <sub>3</sub> on the complexation with potato starch-chitosan blend polymer electrolytes. <i>Ionics</i> , <b>2016</b> , 22, 1647-1658	2.7	37
26	A New N-Heterocyclic Carbene Ionophore in Plasticizer-free Polypyrrole Membrane for Determining Ag <sup>+</sup> in Tap Water. <i>Electrochimica Acta</i> , <b>2016</b> , 197, 10-22	6.7	9
25	A Novel Potentiometric Sensor Based on 1,2-Bis(N-benzoylthioureido)benzene and Reduced Graphene Oxide for Determination of Lead (II) Cation in Raw Milk. <i>Electrochimica Acta</i> , <b>2015</b> , 165, 221-231	6.7	37
24	One-step preparation of silver-Polyaniline nanotube composite for non-enzymatic hydrogen peroxide detection. <i>Applied Surface Science</i> , <b>2015</b> , 347, 816-823	6.7	34
23	One-pot electrochemical gram-scale synthesis of graphene using deep eutectic solvents and acetonitrile. <i>Chemical Engineering Journal</i> , <b>2015</b> , 274, 213-223	14.7	34
22	One-Step Synthesis of Different Silver-Polyaniline Composite Morphologies for Enzymless Hydrogen Peroxide Detection. <i>Journal of the Electrochemical Society</i> , <b>2015</b> , 162, B193-B200	3.9	15
21	Temperature Effects on the Kinetics of Ferrocene and Cobaltocenium in Methyltriphenylphosphonium Bromide Based Deep Eutectic Solvents. <i>Journal of the Electrochemical Society</i> , <b>2015</b> , 162, H617-H624	3.9	4

20	Magnetite nanoparticles coated with $\beta$ -cyclodextrin functionalized-ionic liquid: Synthesis and its preliminary investigation as a new sensing material. <i>Applied Surface Science</i> , <b>2015</b> , 357, 543-550	6.7	20
19	A novel potentiometric self-plasticizing polypyrrole sensor based on a bidentate bis-NHC ligand for determination of Hg(II) cation. <i>RSC Advances</i> , <b>2015</b> , 5, 76263-76274	3.7	14
18	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> , <b>2015</b> , 212, 850-856	6	8
17	Inclusion complex of Alizarin Red S with $\beta$ -cyclodextrin: Synthesis, spectral, electrochemical and computational studies. <i>Journal of Molecular Structure</i> , <b>2015</b> , 1083, 236-244	3.4	20
16	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> , <b>2015</b> , 208, 389-398	8.5	145
15	The Effect of Temperature on Kinetics and Diffusion Coefficients of Metallocene Derivatives in Polyol-Based Deep Eutectic Solvents. <i>PLoS ONE</i> , <b>2015</b> , 10, e0144235	3.7	22
14	Conductivity and Dielectric Studies of Lithium Trifluoromethanesulfonate Doped Polyethylene Oxide-Graphene Oxide Blend Based Electrolytes. <i>Advances in Materials Science and Engineering</i> , <b>2015</b> , 2015, 1-10	1.5	13
13	Rational design of carbonitrile-carboxaldehyde cation receptor models: probing the nature of the heteroatom-metal interaction. <i>Journal of Molecular Modeling</i> , <b>2014</b> , 20, 2428	2	1
12	The electrochemical behaviour of ferrocene in deep eutectic solvents based on quaternary ammonium and phosphonium salts. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 1707-14	3.6	44
11	Physicochemical properties of ammonium-based deep eutectic solvents and their electrochemical evaluation using organometallic reference redox systems. <i>Electrochimica Acta</i> , <b>2013</b> , 113, 205-211	6.7	65
10	G3 assisted rational design of chemical sensor array using carbonitrile neutral receptors. <i>Sensors</i> , <b>2013</b> , 13, 13835-60	3.8	3
9	Electrochemistry of Zirconium Tetrachloride in the Ionic Liquid N-Butyl-N-methylpyrrolidinium Bis(trifluoromethylsulfonyl)imide: Formation of Zr(III) and Exploitation of ZrCl <sub>4</sub> as a Facile Ionic Liquid Drying Agent. <i>Electroanalysis</i> , <b>2012</b> , 24, 210-213	3	2
8	Volatilisation of substituted ferrocene compounds of different sizes from room temperature ionic liquids: a kinetic and mechanistic study. <i>New Journal of Chemistry</i> , <b>2012</b> , 36, 774	3.6	6
7	Electrochemistry of sulfur and polysulfides in ionic liquids. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 13873-9	3.4	119
6	In situ electrochemical-X-ray Photoelectron Spectroscopy: Rubidium metal deposition from an ionic liquid in competition with solvent breakdown. <i>Chemical Physics Letters</i> , <b>2011</b> , 517, 103-107	2.5	27
5	The kinetics of ferrocene volatilisation from an ionic liquid. <i>ChemPhysChem</i> , <b>2011</b> , 12, 1708-13	3.2	16
4	Volatilisation of ferrocene from ionic liquids: kinetics and mechanism. <i>Chemical Communications</i> , <b>2011</b> , 47, 7083-5	5.8	21
3	Electrochemistry of Hg(II) salts in room-temperature ionic liquids. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 2574-81	3.4	2

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| 2 | Monitoring potassium metal electrodeposition from an ionic liquid using in situ electrochemical-X-ray photoelectron spectroscopy. <i>Chemical Physics Letters</i> , <b>2011</b> , 509, 72-76 | 2.5 | 37 |
| 1 | Non-Enzymatic Glucose Sensors Involving Copper: An Electrochemical Perspective. <i>Critical Reviews in Analytical Chemistry</i> , 1-57   | 5.2 | 2  |