

List of Publications by Citations

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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.

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|-------------------|-----------------------|----------------|----------------|
| 31 papers | 318 citations | 10 h-index | 17 g-index |
| 33 ext. papers | 479 ext. citations | 4.6 avg, IF | 4.8 L-index |

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 31 | A Simple Approach to Stepwise Synthesis of Graphene Oxide Nanomaterial. <i>Journal of Nanomedicine & Nanotechnology</i> , 2015 , 06, | 1.9 | 88 |
| 30 | A facile, solid-state reaction assisted synthesis of a berry-like NaNbO ₃ perovskite structure for binder-free, highly selective sensing of dopamine in blood samples. <i>New Journal of Chemistry</i> , 2019 , 43, 11994-12003 | 3.6 | 30 |
| 29 | One-step solvothermal synthesis of nanoflake-nanorod WS hybrid for non-enzymatic detection of uric acid and quercetin in blood serum. <i>Materials Science and Engineering C</i> , 2020 , 107, 110217 | 8.3 | 27 |
| 28 | Facile synthesis of large area pebble-like BiNaFeO perovskite for simultaneous sensing of dopamine, uric acid, xanthine and hypoxanthine in human blood. <i>Materials Science and Engineering C</i> , 2020 , 109, 110631 | 8.3 | 26 |
| 27 | Electrochemical properties of BiFeO ₃ nanoparticles: Anode material for sodium-ion battery application. <i>Materials Science in Semiconductor Processing</i> , 2017 , 68, 165-171 | 4.3 | 18 |
| 26 | Facile Fabrication of P(Electrodeposition)/N(Solvothermal) 2D-WS ₂ -Homojunction Based High Performance Photo Responsive, Strain Modulated Piezo-Phototronic Diode. <i>ChemNanoMat</i> , 2019 , 5, 1521-1530 | 3.5 | 18 |
| 25 | Ultra-selective, trace level detection of As ³⁺ ions in blood samples using PANI coated BiVO modified SPCE via differential pulse anode stripping voltammetry. <i>Materials Science and Engineering C</i> , 2020 , 111, 110806 | 8.3 | 14 |
| 24 | Electrochemical properties of Na _{0.5} Bi _{0.5} TiO ₃ perovskite as an anode material for sodium ion batteries. <i>Journal of Materials Science</i> , 2019 , 54, 13236-13246 | 4.3 | 13 |
| 23 | Record-High Responsivity and Detectivity of a Flexible Deep-Ultraviolet Photodetector Based on Solid State-Assisted Synthesized hBN Nanosheets. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 1162-1169 | 4 | 13 |
| 22 | Simultaneous sensing of copper, lead, cadmium and mercury traces in human blood serum using orthorhombic phase aluminium ferrite. <i>Materials Science and Engineering C</i> , 2020 , 112, 110865 | 8.3 | 10 |
| 21 | Polyaniline Sheathed Black Phosphorous: A Novel, Advanced Platform for Electrochemical Sensing Applications. <i>Electroanalysis</i> , 2020 , 32, 238-247 | 3 | 9 |
| 20 | Highly selective trace level detection of Atrazine in human blood samples using lead-free double perovskite Al ₂ NiCoO ₅ modified electrode via differential pulse voltammetry. <i>Sensors and Actuators B: Chemical</i> , 2020 , 325, 128792 | 8.5 | 8 |
| 19 | Thermal decomposition assisted one-step synthesis of high surface area NiCoP nanospheres for simultaneous sensing of Lead, Mercury and Cadmium ions in groundwater samples. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 861, 113937 | 4.1 | 6 |
| 18 | One-step solid-state reaction synthesis of BiNaFeO ₂ nanopebble as high capacity cathode material for sodium ion batteries. <i>Materials Letters</i> , 2020 , 270, 127739 | 3.3 | 5 |
| 17 | Vertically Aligned Few-Layer Crumpled MoS ₂ Hybrid Nanostructure on Porous Ni Foam toward Promising Binder-Free Methanol Electro-Oxidation Application. <i>Energy & Fuels</i> , 2021 , 35, 10169-10180 | 4.1 | 5 |
| 16 | Facile synthesis of biomass-derived sulfonated carbon microspheres and nanosheets for the electrochemical detection of glutathione in biological samples. <i>Materials Letters</i> , 2021 , 282, 128683 | 3.3 | 5 |
| 15 | Highly Stable NiCoZn Ternary Mixed-Metal-Oxide Nanorods as a Low-Cost, Non-Noble Electrocatalyst for Methanol Electro-Oxidation in Alkaline Medium. <i>Energy & Fuels</i> , 2021 , 35, 12507-12515 | 4.1 | 3 |

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|----|--|-----|---|
| 14 | Facile in-situ preparation of few-layered reduced graphene oxide [niobium pentoxide composite for non-enzymatic glucose monitoring 2018 , | | 3 |
| 13 | One Pot Hydrothermal Synthesis of Large Area Nano Cube Like ZnSnO ₃ Perovskite for Simultaneous Sensing of Uric Acid and Dopamine Using Differential Pulse Voltammetry. <i>IEEE Sensors Journal</i> , 2020 , 20, 13212-13219 | 4 | 2 |
| 12 | A low-cost and facile electrochemical sensor for the trace-level recognition of flutamide in biofluids using large-area bimetallic NiCo ₂ O ₄ micro flowers. <i>New Journal of Chemistry</i> , | 3.6 | 2 |
| 11 | A non-noble, low cost, multicomponent electrocatalyst based on nickel oxide decorated AC nanosheets and PPy nanowires for the direct methanol oxidation reaction. <i>International Journal of Hydrogen Energy</i> , 2021 , 47, 3099-3099 | 6.7 | 2 |
| 10 | 3D, large-area NiCoO microflowers as a highly stable substrate for rapid and trace level detection of flutamide in biofluids via surface-enhanced Raman scattering (SERS). <i>Mikrochimica Acta</i> , 2021 , 188, 371 | 5.8 | 2 |
| 9 | Highly Sensitive Electrochemical Impedance- Based Biosensor for Label-Free and Wide Range Detection of Fibrinogen Using Hydrothermally Grown AlFeO ₃ Nanospheres Modified Electrode. <i>IEEE Sensors Journal</i> , 2021 , 21, 4160-4166 | 4 | 2 |
| 8 | One-pot hydrothermal synthesis of NiCoZn a ternary mixed metal oxide nanorod based electrochemical sensor for trace level recognition of dopamine in biofluids. <i>Materials Letters</i> , 2021 , 298, 130044 | 3.3 | 2 |
| 7 | Label-free wide range electrochemical detection of Carotene using solid state assisted synthesis of hexagonal boron nitride nanosheets. <i>New Journal of Chemistry</i> , 2020 , 44, 15919-15927 | 3.6 | 1 |
| 6 | Silica embedded carbon nanosheets derived from biomass acorn cupule for non-enzymatic, label-free, and wide range detection of Acid glycoprotein in biofluids. <i>Analytica Chimica Acta</i> , 2021 , 1169, 338598 | 6.6 | 1 |
| 5 | One-Pot Synthesis of rGO Supported Nb ₂ O ₅ Nanospheres for Ultra-Selective Sensing of Bisphenol a and Hydrazine in Water Samples. <i>IEEE Sensors Journal</i> , 2021 , 21, 4152-4159 | 4 | 1 |
| 4 | Ultra-Selective and Wide Range Detection of D-Mannitol in Human Blood Samples via Differential Pulse Voltammetry Technique Using MgAl ₂ O ₄ Perovskite Modified Electrode. <i>IEEE Sensors Journal</i> , 2021 , 21, 5736-5742 | 4 | 1 |
| 3 | A Wearable PVA Film Supported TiO ₂ Nanoparticles Decorated NaNbO ₃ Nanoflakes-Based SERS Sensor for Simultaneous Detection of Metabolites and Biomolecules in Human Sweat Samples. <i>Advanced Materials Interfaces</i> , 2020 , 146 | 4.6 | 1 |
| 2 | Highly selective trace level detection of DNA damage biomarker using iron-based MAX compound modified screen-printed carbon electrode using differential pulse voltammetry. <i>Sensors and Actuators Reports</i> , 2021 , 3, 100057 | 4.7 | 0 |
| 1 | Stripping voltammetry and chemometrics assisted ultra-selective, simultaneous detection of trace amounts of heavy metal ions in aqua and blood serum samples. <i>Sensors and Actuators Reports</i> , 2022 , 100097 | 4.7 | 0 |