

Zafar Hussain Ibupoto

List of Publications by Year in descending order

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111
papers

2,906
citations

147801

31
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206112

48
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115
all docs

115
docs citations

115
times ranked

4225
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Piezoelectric nanogenerator based on zinc oxide nanorods grown on textile cotton fabric. Applied Physics Letters, 2012, 101, . | 3.3 | 119 |
| 2 | Semiconducting Metal Oxide Nanostructures for Water Splitting and Photovoltaics. Advanced Energy Materials, 2017, 7, 1700706. | 19.5 | 108 |
| 3 | Synthesis of Novel CuO Nanosheets and Their Non-Enzymatic Glucose Sensing Applications. Sensors, 2013, 13, 7926-7938. | 3.8 | 104 |
| 4 | Electrochemical sensing of glucose based on novel hedgehog-like NiO nanostructures. Sensors and Actuators B: Chemical, 2015, 209, 966-974. | 7.8 | 99 |
| 5 | Hydrothermal Growth of Vertically Aligned ZnO Nanorods Using a Biocomposite Seed Layer of ZnO Nanoparticles. Materials, 2013, 6, 3584-3597. | 2.9 | 93 |
| 6 | MoS ₂ @NiO Composite Nanostructures: An Advanced Nonprecious Catalyst for Hydrogen Evolution Reaction in Alkaline Media. Advanced Functional Materials, 2019, 29, 1807562. | 14.9 | 83 |
| 7 | Photocatalytic properties of different morphologies of CuO for the degradation of Congo red organic dye. Ceramics International, 2014, 40, 11311-11317. | 4.8 | 80 |
| 8 | Selective determination of urea using urease immobilized on ZnO nanowires. Sensors and Actuators B: Chemical, 2011, 160, 637-643. | 7.8 | 78 |
| 9 | Co ₃ O ₄ / NiO bifunctional electrocatalyst for water splitting. Electrochimica Acta, 2019, 306, 9-17. | 5.2 | 77 |
| 10 | Electrochemical L-Lactic Acid Sensor Based on Immobilized ZnO Nanorods with Lactate Oxidase. Sensors, 2012, 12, 2456-2466. | 3.8 | 74 |
| 11 | The fabrication of white light-emitting diodes using the n-ZnO/NiO/p-GaN heterojunction with enhanced luminescence. Nanoscale Research Letters, 2013, 8, 320. | 5.7 | 70 |
| 12 | A Potentiometric Indirect Uric Acid Sensor Based on ZnO Nanoflakes and Immobilized Uricase. Sensors, 2012, 12, 2787-2797. | 3.8 | 64 |
| 13 | Glycine-assisted synthesis of NiO hollow cage-like nanostructures for sensitive non-enzymatic glucose sensing. RSC Advances, 2015, 5, 18773-18781. | 3.6 | 62 |
| 14 | Indirect Determination of Mercury Ion by Inhibition of a Glucose Biosensor Based on ZnO Nanorods. Sensors, 2012, 12, 15063-15077. | 3.8 | 60 |
| 15 | Fabrication of UV photo-detector based on coral reef like p-NiO/n-ZnO nanocomposite structures. Materials Letters, 2013, 108, 149-152. | 2.6 | 59 |
| 16 | Dopamine wide range detection sensor based on modified Co ₃ O ₄ nanowires electrode. Sensors and Actuators B: Chemical, 2014, 203, 543-549. | 7.8 | 55 |
| 17 | Effect of Urea on the Morphology of Co ₃ O ₄ Nanostructures and Their Application for Potentiometric Glucose Biosensor. Electroanalysis, 2014, 26, 1773-1781. | 2.9 | 52 |
| 18 | Development of sensitive non-enzymatic glucose sensor using complex nanostructures of cobalt oxide. Materials Science in Semiconductor Processing, 2015, 34, 373-381. | 4.0 | 50 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A practical non-enzymatic urea sensor based on NiCo ₂ O ₄ nanoneedles. RSC Advances, 2019, 9, 14443-14451. | 3.6 | 50 |
| 20 | Synthesis of Three Dimensional Nickel Cobalt Oxide Nanoneedles on Nickel Foam, Their Characterization and Glucose Sensing Application. Sensors, 2014, 14, 5415-5425. | 3.8 | 49 |
| 21 | Simpler and highly sensitive enzyme-free sensing of urea via NiO nanostructures modified electrode. RSC Advances, 2016, 6, 39001-39006. | 3.6 | 49 |
| 22 | Amino acid assisted growth of CuO nanostructures and their potential application in electrochemical sensing of organophosphate pesticide. Electrochimica Acta, 2016, 190, 972-979. | 5.2 | 48 |
| 23 | Fabrication of Well-Aligned ZnO Nanorods Using a Composite Seed Layer of ZnO Nanoparticles and Chitosan Polymer. Materials, 2013, 6, 4361-4374. | 2.9 | 45 |
| 24 | Highly sensitive non-enzymatic glucose sensing using gold nanocages as efficient electrode material. Sensors and Actuators B: Chemical, 2016, 233, 230-236. | 7.8 | 44 |
| 25 | Mixed CoS ₂ @Co ₃ O ₄ composite material: An efficient nonprecious electrocatalyst for hydrogen evolution reaction. International Journal of Hydrogen Energy, 2020, 45, 13805-13813. | 7.1 | 44 |
| 26 | A Selective Iodide Ion Sensor Electrode Based on Functionalized ZnO Nanotubes. Sensors, 2013, 13, 1984-1997. | 3.8 | 42 |
| 27 | A sensitive enzyme-free lactic acid sensor based on NiO nanoparticles for practical applications. Analytical Methods, 2019, 11, 3578-3583. | 2.7 | 39 |
| 28 | ZnO Nanorods Based Enzymatic Biosensor for Selective Determination of Penicillin. Biosensors, 2011, 1, 153-163. | 4.7 | 36 |
| 29 | Cobalt Oxide Nanoflowers for Electrochemical Determination of Glucose. Journal of Electronic Materials, 2015, 44, 3724-3732. | 2.2 | 33 |
| 30 | Potentiometric Zinc Ion Sensor Based on Honeycomb-Like NiO Nanostructures. Sensors, 2012, 12, 15424-15437. | 3.8 | 32 |
| 31 | Facile Non-enzymatic Lactic Acid Sensor Based on Cobalt Oxide Nanostructures. Electroanalysis, 2019, 31, 1296-1303. | 2.9 | 32 |
| 32 | Hydrothermal Synthesis of Nanoclusters of ZnS Comprised on Nanowires. Nanomaterials, 2013, 3, 564-571. | 4.1 | 30 |
| 33 | Nanostructured Co ₃ O ₄ electrocatalyst for OER: The role of organic polyelectrolytes as soft templates. Electrochimica Acta, 2021, 398, 139338. | 5.2 | 30 |
| 34 | NiCo ₂ O ₄ nanostructures loaded onto pencil graphite rod: An advanced composite material for oxygen evolution reaction. International Journal of Hydrogen Energy, 2022, 47, 6650-6665. | 7.1 | 30 |
| 35 | MgO as promoter for electrocatalytic activities of Co ₃ O ₄ @MgO composite via abundant oxygen vacancies and Co ²⁺ ions towards oxygen evolution reaction. International Journal of Hydrogen Energy, 2023, 48, 12672-12682. | 7.1 | 30 |
| 36 | Controlled synthesis and electrochemical application of skein-shaped NiO nanostructures. Journal of Solid State Electrochemistry, 2015, 19, 913-922. | 2.5 | 28 |

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|----|---|-----|-----------|
| 37 | Metal Oxide Nanosensors Using Polymeric Membranes, Enzymes and Antibody Receptors as Ion and Molecular Recognition Elements. <i>Sensors</i> , 2014, 14, 8605-8632. | 3.8 | 27 |
| 38 | An efficient bifunctional electrocatalyst based on a nickel iron layered double hydroxide functionalized Co ₃ O ₄ core shell structure in alkaline media. <i>Catalysis Science and Technology</i> , 2019, 9, 2879-2887. | 4.1 | 27 |
| 39 | The improved piezoelectric properties of ZnO nanorods with oxygen plasma treatment on the single layer graphene coated polymer substrate. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 455-459. | 1.8 | 26 |
| 40 | Two step synthesis of TiO ₂ @Co ₃ O ₄ composite for efficient oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 9110-9122. | 7.1 | 25 |
| 41 | Simultaneous doping of sulfur and chloride ions into ZnO nanorods for improved photocatalytic properties towards degradation of methylene blue. <i>Ceramics International</i> , 2022, 48, 5535-5545. | 4.8 | 25 |
| 42 | The chemically reduced CuO@Co ₃ O ₄ composite as a highly efficient electrocatalyst for oxygen evolution reaction in alkaline media. <i>Catalysis Science and Technology</i> , 2019, 9, 6274-6284. | 4.1 | 24 |
| 43 | A highly selective and sensitive electrochemical determination of melamine based on succinic acid functionalized copper oxide nanostructures. <i>RSC Advances</i> , 2015, 5, 105090-105097. | 3.6 | 23 |
| 44 | A Robust, Enzyme-Free Glucose Sensor Based on Lysine-Assisted CuO Nanostructures. <i>Sensors</i> , 2016, 16, 1878. | 3.8 | 23 |
| 45 | Analysis of junction properties of gold@zinc oxide nanorods-based Schottky diode by means of frequency dependent electrical characterization on textile. <i>Journal of Materials Science</i> , 2014, 49, 3434-3441. | 3.7 | 22 |
| 46 | Habit-modifying additives and their morphological consequences on photoluminescence and glucose sensing properties of ZnO nanostructures, grown via aqueous chemical synthesis. <i>Vacuum</i> , 2015, 116, 21-26. | 3.5 | 22 |
| 47 | Sensitivity of A-549 human lung cancer cells to nanoporous zinc oxide conjugated with Photofrin. <i>Lasers in Medical Science</i> , 2012, 27, 607-614. | 2.1 | 21 |
| 48 | Effect of anions on the morphology of Co ₃ O ₄ nanostructures grown by hydrothermal method and their pH sensing application. <i>Journal of Electroanalytical Chemistry</i> , 2014, 717-718, 78-82. | 3.8 | 21 |
| 49 | Facile efficient earth abundant NiO/C composite electrocatalyst for the oxygen evolution reaction. <i>RSC Advances</i> , 2019, 9, 5701-5710. | 3.6 | 21 |
| 50 | Functional Nickel Oxide Nanostructures for Ethanol Oxidation in Alkaline Media. <i>Electroanalysis</i> , 2020, 32, 1052-1059. | 2.9 | 21 |
| 51 | Label-free fluorescence turn-on detection of microRNA based on duplex-specific nuclease and a perylene probe. <i>Analytica Chimica Acta</i> , 2015, 895, 89-94. | 5.4 | 20 |
| 52 | Facile doping of nickel into Co ₃ O ₄ nanostructures to make them efficient for catalyzing the oxygen evolution reaction. <i>RSC Advances</i> , 2020, 10, 12962-12969. | 3.6 | 20 |
| 53 | Study of transport properties of copper/zinc-oxide-nanorods-based Schottky diode fabricated on textile fabric. <i>Semiconductor Science and Technology</i> , 2013, 28, 125006. | 2.0 | 19 |
| 54 | Glycine-assisted preparation of Co ₃ O ₄ nanoflakes with enhanced performance for non-enzymatic glucose sensing. <i>Materials Express</i> , 2015, 5, 437-444. | 0.5 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Synthesis of Co ₃ O ₄ Cotton-Like Nanostructures for Cholesterol Biosensor. <i>Materials</i> , 2015, 8, 149-161. | 2.9 | 18 |
| 56 | Highly sensitive determination of atropine using cobalt oxide nanostructures: Influence of functional groups on the signal sensitivity. <i>Analytica Chimica Acta</i> , 2016, 948, 30-39. | 5.4 | 18 |
| 57 | An efficient palladium oxide nanoparticles@Co ₃ O ₄ nanocomposite with low chemisorbed species for enhanced oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 3834-3845. | 7.1 | 18 |
| 58 | ZnO Based Potentiometric and Amperometric Nanosensors. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 6497-6508. | 0.9 | 16 |
| 59 | An amperometric sensitive dopamine biosensor based on novel copper oxide nanostructures. <i>Microsystem Technologies</i> , 2017, 23, 1229-1235. | 2.0 | 16 |
| 60 | Enzymes and phytochemicals from neem extract robustly tuned the photocatalytic activity of ZnO for the degradation of malachite green (MG) in aqueous media. <i>Research on Chemical Intermediates</i> , 2021, 47, 1581-1599. | 2.7 | 16 |
| 61 | Decoration of ZnO Nanorods with Coral Reefs like NiO Nanostructures by the Hydrothermal Growth Method and Their Luminescence Study. <i>Materials</i> , 2014, 7, 430-440. | 2.9 | 15 |
| 62 | Facile NiCo ₂ S ₄ /C nanocomposite: an efficient material for water oxidation. <i>Tungsten</i> , 2020, 2, 403-410. | 4.8 | 15 |
| 63 | Incorporating β -Cyclodextrin with ZnO Nanorods: A Potentiometric Strategy for Selectivity and Detection of Dopamine. <i>Sensors</i> , 2014, 14, 1654-1664. | 3.8 | 14 |
| 64 | Nickel-cobalt bimetallic sulfide NiCo ₂ S ₄ nanostructures for a robust hydrogen evolution reaction in acidic media. <i>RSC Advances</i> , 2020, 10, 22196-22203. | 3.6 | 14 |
| 65 | Low Temperature Aqueous Chemical Growth Method for the Doping of W into ZnO Nanostructures and Their Photocatalytic Role in the Degradation of Methylene Blue. <i>Journal of Cluster Science</i> , 2022, 33, 1445-1456. | 3.3 | 14 |
| 66 | Rice-like CuO nanostructures for sensitive electrochemical sensing of hydrazine. <i>Microsystem Technologies</i> , 2017, 23, 731-738. | 2.0 | 13 |
| 67 | Iron Ion Sensor Based on Functionalized ZnO Nanorods. <i>Electroanalysis</i> , 2012, 24, 521-528. | 2.9 | 12 |
| 68 | Ascorbic Acid Assisted Synthesis of Cobalt Oxide Nanostructures, Their Electrochemical Sensing Application for the Sensitive Determination of Hydrazine. <i>Journal of Electronic Materials</i> , 2016, 45, 3695-3701. | 2.2 | 12 |
| 69 | Synthesis of silica nanoparticles doped with [Ru(bpy) ₃] ²⁺ and decorated with silver nanoclusters for the ratiometric photoluminescent determination and intracellular imaging of Cu(II) ions. <i>Mikrochimica Acta</i> , 2017, 184, 2325-2331. | 5.0 | 12 |
| 70 | Silky Co ₃ O ₄ nanostructures for the selective and sensitive enzyme free sensing of uric acid. <i>RSC Advances</i> , 2021, 11, 5156-5162. | 3.6 | 12 |
| 71 | Synthesis of CuO/ZnO Composite Nanostructures, Their Optical Characterization and Valence Band Offset Determination by X-Ray Photoelectron Spectroscopy. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2014, 9, 348-356. | 0.5 | 12 |
| 72 | Fabrication of Sensitive Potentiometric Cholesterol Biosensor Based on Co ₃ O ₄ Interconnected Nanowires. <i>Electroanalysis</i> , 2014, 26, 1928-1934. | 2.9 | 11 |

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|----|--|------|-----------|
| 73 | Glutaric Acid Assisted Fabrication of CuO Nanostructures and their Application in Development of Highly Sensitive Electrochemical Sensor System for Carbamates. <i>Electroanalysis</i> , 2016, 28, 1634-1640. | 2.9 | 11 |
| 74 | The Synthesis of Functional Cobalt Oxide Nanostructures, and their Sensitive Glucose Sensing Application. <i>Electroanalysis</i> , 2017, 29, 213-222. | 2.9 | 11 |
| 75 | Practice of diclofenac sodium for the hydrothermal growth of NiO nanostructures and their application for enzyme free glucose biosensor. <i>Microsystem Technologies</i> , 2016, 22, 2549-2557. | 2.0 | 10 |
| 76 | Selective and Sensitive Nitrite Sensor Based on Glassy Carbon Electrode Modified by Silver Nanochains. <i>Electroanalysis</i> , 2017, 29, 415-422. | 2.9 | 10 |
| 77 | Supramolecules-assisted ZnO nanostructures growth and their UV photodetector application. <i>Solid State Sciences</i> , 2015, 41, 14-18. | 3.2 | 9 |
| 78 | Highly sensitive shape dependent electro-catalysis of TNT molecules using Pd and Pd-Pt alloy based nanostructures. <i>RSC Advances</i> , 2016, 6, 44955-44962. | 3.6 | 9 |
| 79 | Efficient tri-metallic oxides NiCo ₂ O ₄ /CuO for the oxygen evolution reaction. <i>RSC Advances</i> , 2019, 9, 42387-42394. | 3.6 | 9 |
| 80 | Synthesis of Heart/Dumbbell-Like CuO Functional Nanostructures for the Development of Uric Acid Biosensor. <i>Materials</i> , 2018, 11, 1378. | 2.9 | 8 |
| 81 | An Amperometric Indirect Determination of Heavy Metal Ions Through Inhibition of Glucose Oxidase Immobilized on Cobalt Oxide Nanostructures. <i>Sensor Letters</i> , 2016, 14, 1178-1186. | 0.4 | 8 |
| 82 | Facile deposition of palladium oxide (PdO) nanoparticles on CoNi ₂ S ₄ microstructures towards enhanced oxygen evolution reaction. <i>Nanotechnology</i> , 2022, 33, 275402. | 2.6 | 8 |
| 83 | The Synthesis of New Nanostructures of CuO Using Ascorbic Acid as Growth Directing Agent and Their Sensitive Electrochemical Detection of Hydrazine. <i>Sensor Letters</i> , 2016, 14, 611-615. | 0.4 | 7 |
| 84 | Ultra-sensitive Amperometric Hydrazine Sensing via Dimethyl Glyoxomat Derived NiO Nanostructures. <i>Electroanalysis</i> , 2017, 29, 2803-2809. | 2.9 | 6 |
| 85 | Pd-Co ₃ O ₄ -based nanostructures for the development of enzyme-free glucose sensor. <i>Bulletin of Materials Science</i> , 2022, 45, 1. | 1.7 | 6 |
| 86 | Electrochemical Water Splitting: Semiconducting Metal Oxide Nanostructures for Water Splitting and Photovoltaics (<i>Adv. Energy Mater.</i> 23/2017). <i>Advanced Energy Materials</i> , 2017, 7, 1770138. | 19.5 | 5 |
| 87 | Functional CuO Microstructures for Glucose Sensing. <i>Journal of Electronic Materials</i> , 2018, 47, 1519-1525. | 2.2 | 4 |
| 88 | An advanced and efficient Co ₃ O ₄ /C nanocomposite for the oxygen evolution reaction in alkaline media. <i>RSC Advances</i> , 2019, 9, 34136-34143. | 3.6 | 4 |
| 89 | Synthesis of Sheet Like Nanostructures of NiO Using Potassium Dichromate as Surface Modifying Agent for the Sensitive and Selective Determination of Amlodipine Besylate (ADB) Drug. <i>Electroanalysis</i> , 2021, 33, 1121-1128. | 2.9 | 4 |
| 90 | Synthesis of Novel Nanostructures of CuO, Their Characterization and Potential Applications for the Amperometric Detection of Dopamine. <i>Sensor Letters</i> , 2016, 14, 1161-1167. | 0.4 | 4 |

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|-----|--|-----|-----------|
| 91 | The fast nucleation/growth of Co ₃ O ₄ nanowires on cotton silk: the facile development of a potentiometric uric acid biosensor. RSC Advances, 2022, 12, 18321-18332. | 3.6 | 4 |
| 92 | Iron (III) Ion Sensor Based on the Seedless Grown ZnO Nanorods in 3 Dimensions Using Nickel Foam Substrate. Journal of Sensors, 2013, 2013, 1-7. | 1.1 | 3 |
| 93 | Polyvinyl fibers as outperform candidature in the solid polymer electrolytes. Journal of Industrial Textiles, 2022, 51, 6983S-6995S. | 2.4 | 3 |
| 94 | Efficient and Stable Co ₃ O ₄ /ZnO Nanocomposite for Photochemical Water Splitting. Journal of Cluster Science, 2022, 33, 387-394. | 3.3 | 3 |
| 95 | An Efficient and Functional Fe ₃ O ₄ /Co ₃ O ₄ Composite for Oxygen Evolution Reaction. Journal of Nanoscience and Nanotechnology, 2021, 21, 2675-2680. | 0.9 | 3 |
| 96 | The Enzyme Free Uric Acid Sensor Based on Iron Doped CuO Nanostructures for the Determination of Uric Acid from Commercial Seafood. Journal of Electronic Materials, 2020, 49, 6123-6129. | 2.2 | 2 |
| 97 | The Crystal Disorder into ZnO with Addition of Bromine and Its Outperform Role in the Photodegradation of Methylene Blue. Journal of Cluster Science, 2022, 33, 281-291. | 3.3 | 2 |
| 98 | Mixed MoS ₂ /MoO ₃ Nanostructures for Hydrogen Evolution Reaction. Journal of Nanoscience and Nanotechnology, 2021, 21, 2500-2510. | 0.9 | 2 |
| 99 | Flower-like CuO/polyaniline composite for electrochemical determination of hydrochlorothiazide. Bulletin of Materials Science, 2021, 44, 1. | 1.7 | 2 |
| 100 | Fe-Doped Cobalt Oxide Nanostructures for the Development of Sensitive Dopamine Biosensor. Sensor Letters, 2016, 14, 764-768. | 0.4 | 2 |
| 101 | Synthesis of Assembled ZnO Nanoparticles Using Dimethyl Glyxomate and Their Sensitive Determination Application of Dopamine. Sensor Letters, 2017, 15, 289-295. | 0.4 | 2 |
| 102 | Chemically Coupled Multiwall Carbon Nanotubes with Leaf-Like Nanostructures of NiO for Sensitive and Selective Determination of Uric Acid. Journal of Electronic Materials, 2021, 50, 2852-2859. | 2.2 | 1 |
| 103 | Polyaniline as a sacrificing template for the synthesis of controlled Co ₃ O ₄ nanoparticles for the sensitive and selective detection of methotrexate (MTX). Journal of Materials Science: Materials in Electronics, 2021, 32, 15594-15604. | 2.2 | 1 |
| 104 | Role of cobalt precursors in the synthesis of Co ₃ O ₄ hierarchical nanostructures toward the development of cobalt-based functional electrocatalysts for bifunctional water splitting in alkaline and acidic media. Journal of the Chinese Chemical Society, 0, , . | 1.4 | 1 |
| 105 | Comparison between different metal oxide nanostructures and nanocomposites for sensing, energy generation, and energy harvesting. , 2016, , . | | 0 |
| 106 | MoS ₂ /Co ₃ O ₄ Nanocomposite for Selective Determination of Ascorbic Acid. Journal of Nanoscience and Nanotechnology, 2021, 21, 2595-2603. | 0.9 | 0 |
| 107 | Synthesis of composite material of cobalt oxide (Co ₃ O ₄) with hydroxide functionalized multi-walled carbon nanotubes (MWCNTs) for electrochemical determination of uric acid. Journal of Materials Science: Materials in Electronics, 2021, 32, 20047-20057. | 2.2 | 0 |
| 108 | Facile Co ₃ O ₄ nanoparticles deposited on polyvinylpyrrolidone for efficient water oxidation in alkaline media. Journal of the Chinese Chemical Society, 0, , . | 1.4 | 0 |

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|-----|---|-----|-----------|
| 109 | The Development of Sensitive and Selective Dopamine Biosensor Based on Cu-Doped Cobalt Oxide Nanostructures. <i>Sensor Letters</i> , 2017, 15, 205-210. | 0.4 | 0 |
| 110 | Synthesis of ZnO Nanostructures, Their Characterization and Sensitive Sensing of Dopamine. <i>Sensor Letters</i> , 2017, 15, 419-423. | 0.4 | 0 |
| 111 | Utilization of polyvinyl amine hydrolysis product in enhancing the catalytic properties of Co ₃ O ₄ nanowires: toward potentiometric glucose bio-sensing application. <i>Journal of Materials Science: Materials in Electronics</i> , 0, , 1. | 2.2 | 0 |