# Wen-Bo Lu

## List of Publications by Citations



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| 118 papers | 7,337 citations | 41 h-index | 85 g-index |
| 120 ext. papers | 8,193 ext. citations | 5.3 avg, IF | 6.09 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 118 | Economical, green synthesis of fluorescent carbon nanoparticles and their use as probes for sensitive and selective detection of mercury(II) ions. *Analytical Chemistry*, **2012**, 84, 5351-7 | 7.8 | 842 |
| 117 | Fe-Doped CoP Nanoarray: A Monolithic Multifunctional Catalyst for Highly Efficient Hydrogen Generation. *Advanced Materials*, **2017**, 29, 1602441 | 24 | 690 |
| 116 | Ternary FeCoP Nanowire Array as a Robust Hydrogen Evolution Reaction Electrocatalyst with Pt-like Activity: Experimental and Theoretical Insight. *Nano Letters*, **2016**, 16, 6617-6621 | 11.5 | 531 |
| 115 | Energy-Saving Electrolytic Hydrogen Generation: Ni P Nanoarray as a High-Performance Non-Noble-Metal Electrocatalyst. *Angewandte Chemie - International Edition*, **2017**, 56, 842-846 | 16.4 | 428 |
| 114 | In Situ Derived Co?B Nanoarray: A High-Efficiency and Durable 3D Bifunctional Electrocatalyst for Overall Alkaline Water Splitting. *Small*, **2017**, 13, 1700805 | 11 | 257 |
| 113 | One-pot green synthesis of Ag nanoparticles-graphene nanocomposites and their applications in SERS, H2O2, and glucose sensing. *RSC Advances*, **2012**, 2, 538-545 | 3.7 | 250 |
| 112 | In situ green synthesis of Au nanostructures on graphene oxide and their application for catalytic reduction of 4-nitrophenol. *Catalysis Science and Technology*, **2011**, 1, 1142 | 5.5 | 216 |
| 111 | Synthesis of functional SiO□-coated graphene oxide nanosheets decorated with Ag nanoparticles for H□□ and glucose detection. *Biosensors and Bioelectronics*, **2011**, 26, 4791-7 | 11.8 | 205 |
| 110 | Microwave-assisted rapid green synthesis of photoluminescent carbon nanodots from flour and their applications for sensitive and selective detection of mercury(II) ions. *Sensors and Actuators B: Chemical*, **2013**, 184, 156-162 | 8.5 | 184 |
| 109 | Three-Dimensional Ni2P Nanoarray: An Efficient Catalyst Electrode for Sensitive and Selective Nonenzymatic Glucose Sensing with High Specificity. *Analytical Chemistry*, **2016**, 88, 7885-9 | 7.8 | 172 |
| 108 | Self-assembled graphene platelet-glucose oxidase nanostructures for glucose biosensing. *Biosensors and Bioelectronics*, **2011**, 26, 4491-6 | 11.8 | 158 |
| 107 | Synthesis of Au nanoparticles decorated graphene oxide nanosheets: noncovalent functionalization by TWEEN 20 in situ reduction of aqueous chloroaurate ions for hydrazine detection and catalytic reduction of 4-nitrophenol. *Journal of Hazardous Materials*, **2011**, 197, 320-6 | 12.8 | 157 |
| 106 | Ag nanoparticles decorated polyaniline nanofibers: synthesis, characterization, and applications toward catalytic reduction of 4-nitrophenol and electrochemical detection of H2O2 and glucose. *Catalysis Science and Technology*, **2012**, 2, 800 | 5.5 | 153 |
| 105 | Green, low-cost synthesis of photoluminescent carbon dots by hydrothermal treatment of willow bark and their application as an effective photocatalyst for fabricating Au nanoparticles□educed graphene oxide nanocomposites for glucose detection. *Catalysis Science and Technology*, **2013**, 3, 1027 | 5.5 | 150 |
| 104 | Ni foam: a novel three-dimensional porous sensing platform for sensitive and selective nonenzymatic glucose detection. *Analyst, The*, **2013**, 138, 417-20 | 5 | 134 |
| 103 | Surface plasmon resonance-induced visible light photocatalytic reduction of graphene oxide: using Ag nanoparticles as a plasmonic photocatalyst. *Nanoscale*, **2011**, 3, 2142-4 | 7.7 | 127 |
| 102 | Hydrothermal synthesis of well-stable silver nanoparticles and their application for enzymeless hydrogen peroxide detection. *Electrochimica Acta*, **2011**, 56, 2295-2298 | 6.7 | 127 |

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|---|---|---|---|
| 101 | Energy-Saving Electrolytic Hydrogen Generation: Ni2P Nanoarray as a High-Performance Non-Noble-Metal Electrocatalyst. *Angewandte Chemie*, **2017**, 129, 860-864 | 3.6 | 116 |
| 100 | Mn O Nanocube: An Efficient Electrocatalyst Toward Artificial N Fixation to NH. *Small*, **2018**, 14, e1803111 | 11 | 100 |
| 99 | Novel application of CoFe layered double hydroxide nanoplates for colorimetric detection of H(2)O(2) and glucose. *Analyst, The*, **2012**, 137, 1325-8 | 5 | 91 |
| 98 | Preparation of Ag nanoparticle-decorated poly(m-phenylenediamine) microparticles and their application for hydrogen peroxide detection. *Analyst, The*, **2011**, 136, 1806-9 | 5 | 81 |
| 97 | High-yield, large-scale production of few-layer graphene flakes within seconds: using chlorosulfonic acid and H2O2 as exfoliating agents. *Journal of Materials Chemistry*, **2012**, 22, 8775 | | 79 |
| 96 | Electrochemical non-enzymatic glucose sensors: recent progress and perspectives. *Chemical Communications*, **2020**, 56, 14553-14569 | 5.8 | 79 |
| 95 | One-step synthesis of Ag nanoparticles-decorated reduced graphene oxide and their application for H2O2 detection. *Electrochimica Acta*, **2012**, 79, 46-51 | 6.7 | 77 |
| 94 | A new preparation of Au nanoplates and their application for glucose sensing. *Biosensors and Bioelectronics*, **2011**, 28, 344-8 | 11.8 | 77 |
| 93 | Preparation of Ag nanoparticle-decorated polypyrrole colloids and their application for H2O2 detection. *Electrochemistry Communications*, **2011**, 13, 785-787 | 5.1 | 73 |
| 92 | Acid-driven, microwave-assisted production of photoluminescent carbon nitride dots from N,N-dimethylformamide. *RSC Advances*, **2011**, 1, 951 | 3.7 | 71 |
| 91 | One-pot synthesis of Ag nanoparticles/reduced graphene oxide nanocomposites and their application for nonenzymatic H2O2 detection. *Electrochimica Acta*, **2012**, 83, 283-287 | 6.7 | 68 |
| 90 | Mn3O4 nanoparticles@reduced graphene oxide composite: An efficient electrocatalyst for artificial N2 fixation to NH3 at ambient conditions. *Nano Research*, **2019**, 12, 1093-1098 | 10 | 66 |
| 89 | Facile synthesis of novel Ni(II)-based metal-organic coordination polymer nanoparticle/reduced graphene oxide nanocomposites and their application for highly sensitive and selective nonenzymatic glucose sensing. *Analyst, The*, **2013**, 138, 429-33 | 5 | 64 |
| 88 | High-performance non-enzymatic glucose detection: using a conductive Ni-MOF as an electrocatalyst. *Journal of Materials Chemistry B*, **2020**, 8, 5411-5415 | 7.3 | 63 |
| 87 | Green synthesis of carbon nanodots as an effective fluorescent probe for sensitive and selective detection of mercury(II) ions. *Journal of Nanoparticle Research*, **2013**, 15, 1 | 2.3 | 62 |
| 86 | A novel label-free amperometric immunosensor for carcinoembryonic antigen based on Ag nanoparticle decorated infinite coordination polymer fibres. *Biosensors and Bioelectronics*, **2014**, 57, 219-25 | 11.8 | 58 |
| 85 | Method for effective immobilization of Ag nanoparticles/graphene oxide composites on single-stranded DNA modified gold electrode for enzymeless H2O2 detection. *Journal of Materials Science*, **2011**, 46, 5260-5266 | 4.3 | 56 |
| 84 | Microwave-assisted, environmentally friendly, one-pot preparation of Pd nanoparticles/graphene nanocomposites and their application in electrocatalytic oxidation of methanol. *Catalysis Science and Technology*, **2011**, 1, 1636 | 5.5 | 53 |

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| 83 | Synthesis and study of plasmon-induced carrier behavior at Ag/TiO2 nanowires. *Chemistry - A European Journal*, **2012**, 18, 8508-14 | 4.8 | 50 |
| 82 | Ag@poly(m-phenylenediamine)-Ag core–shell nanoparticles: one-step preparation, characterization, and their application for H2O2 detection. *Catalysis Science and Technology*, **2011**, 1, 1393 | 5.5 | 50 |
| 81 | Large-scale synthesis of ultrathin Au-Pt nanowires assembled on thionine/graphene with high conductivity and sensitivity for electrochemical immunosensor. *Electrochimica Acta*, **2014**, 130, 335-343 | 6.7 | 46 |
| 80 | A novel strategy to synthesize Au nanoplates and their application for enzymeless H2O2 detection. *Electrochimica Acta*, **2012**, 60, 13-16 | 6.7 | 45 |
| 79 | Surface plasmon aided high sensitive non-enzymatic glucose sensor using Au/NiAu multilayered nanowire arrays. *Biosensors and Bioelectronics*, **2018**, 111, 41-46 | 11.8 | 43 |
| 78 | Green photocatalytic synthesis of Ag nanoparticle-decorated TiO2 nanowires for nonenzymatic amperometric H2O2 detection. *Electrochimica Acta*, **2012**, 74, 275-279 | 6.7 | 42 |
| 77 | One-step preparation of Ag nanoparticle-decorated coordination polymer nanobelts and their application for enzymeless H2O2 detection. *Electrochimica Acta*, **2011**, 56, 8371-8374 | 6.7 | 39 |
| 76 | Synthesis of Ag nanoparticle-decorated 2,4,6-tris(2-pyridyl)-1,3,5-triazine nanobelts and their application for H2O2 and glucose detection. *Analyst, The*, **2012**, 137, 939-43 | 5 | 37 |
| 75 | Microwave-assisted rapid synthesis of Pt/graphene nanosheet composites and their application for methanol oxidation. *Journal of Nanoparticle Research*, **2011**, 13, 4731-4737 | 2.3 | 34 |
| 74 | Ni-MOF nanosheet arrays: efficient non-noble-metal electrocatalysts for non-enzymatic monosaccharide sensing. *New Journal of Chemistry*, **2018**, 42, 3180-3183 | 3.6 | 32 |
| 73 | Biomolecule-based formaldehyde resin microspheres loaded with Au nanoparticles: a novel immunoassay for detection of tumor markers in human serum. *Biosensors and Bioelectronics*, **2014**, 53, 346-54 | 11.8 | 32 |
| 72 | Submicrometre-scale polyaniline colloidal spheres: photopolymerization preparation using fluorescent carbon nitride dots as a photocatalyst. *Catalysis Science and Technology*, **2012**, 2, 711 | 5.5 | 32 |
| 71 | Coordination polymer nanobelts for nucleic acid detection. *Nanotechnology*, **2011**, 22, 195502 | 3.4 | 30 |
| 70 | Ni-Fe PBA hollow nanocubes as efficient electrode materials for highly sensitive detection of guanine and hydrogen peroxide in human whole saliva. *Biosensors and Bioelectronics*, **2019**, 141, 111445 | 11.8 | 29 |
| 69 | Bimetallic gold-silver nanoplate array as a highly active SERS substrate for detection of streptavidin/biotin assemblies. *Analytica Chimica Acta*, **2013**, 805, 95-100 | 6.6 | 29 |
| 68 | CdS quantum dots as a fluorescent sensing platform for nucleic acid detection. *Mikrochimica Acta*, **2011**, 175, 355-359 | 5.8 | 29 |
| 67 | Hydrothermal synthesis of ultra-highly concentrated, well-stable Ag nanoparticles and their application for enzymeless hydrogen peroxide detection. *Journal of Nanoparticle Research*, **2011**, 13, 2689-2695 | 2.3 | 26 |
| 66 | Ternary Nanocomposites of Porphyrin, Angular Au Nanoparticles and Reduced Graphene Oxide: Photocatalytic Synthesis and Enhanced Photocurrent Generation. *ChemCatChem*, **2012**, 4, 1079-1083 | 5.2 | 25 |

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| 65 | SERS tags-based novel monodispersed hollow gold nanospheres for highly sensitive immunoassay of CEA. *Journal of Materials Science*, **2015**, 50, 3329-3336 | 4.3 | 23 |
| 64 | One-Step Hydrothermal Synthesis of Ag Nanoparticle Decorated Submicrometer-Scale Spherical AgBr Colloids: A Highly Efficient Visible Light Plasmonic Photocatalyst for Degradation of Organic Dyes. *Particle and Particle Systems Characterization*, **2013**, 30, 67-71 | 3.1 | 23 |
| 63 | An electrochemical immunosensor for simultaneous multiplexed detection of two lung cancer biomarkers using Au nanoparticles coated resin microspheres composed of L-tryptophan and caffeic acid. *Ionics*, **2015**, 21, 1141-1152 | 2.7 | 23 |
| 62 | Layer-by-layer self-assembly of multilayer films of polyelectrolyte/Ag nanoparticles for enzymeless hydrogen peroxide detection. *Thin Solid Films*, **2011**, 520, 554-557 | 2.2 | 23 |
| 61 | Ultrathin nickel-metal-organic framework nanobelt based electrochemical sensor for the determination of urea in human body fluids.. *RSC Advances*, **2019**, 9, 29474-29481 | 3.7 | 23 |
| 60 | Novel synthesis of Au nanoparticles using fluorescent carbon nitride dots as photocatalyst. *Gold Bulletin*, **2012**, 45, 61-67 | 1.6 | 22 |
| 59 | Titanium silicalite-1 zeolite microparticles for enzymeless H2O2 detection. *Analyst, The*, **2011**, 136, 2037-9 | 3 | 20 |
| 58 | Immobilization of Au nanoparticles on Au electrode for hydrazine detection: Using thiolated single-stranded DNA as a linker. *Thin Solid Films*, **2011**, 519, 6130-6134 | 2.2 | 20 |
| 57 | Energy-Efficient Hydrogen Evolution Reactions via Hydrazine Oxidation over Facile Synthesis of Cobalt Tetraoxide Electrodes. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 7973-7980 | 8.3 | 19 |
| 56 | Design of a heterometallic Zn/Ca-MOF decorated with alkoxy groups on the pore surface exhibiting high fluorescence sensing performance for Fe3+ and Cr2O72□*CrystEngComm*, **2020**, 22, 4710-4715 | 3.3 | 19 |
| 55 | Surface-enhanced Raman spectroscopic detection and differentiation of lung cancer cell lines (A549, H1229) and normal cell line (AT II) based on gold nanostar substrates. *RSC Advances*, **2014**, 4, 64225-64234 | 3.7 | 16 |
| 54 | Synthesis of a MnO2 Nanosheet/Graphene Flake Composite and Its Application as a Supercapacitor having High Rate Capability. *ChemPlusChem*, **2012**, 77, 872-876 | 2.8 | 16 |
| 53 | Glucose-sensing abilities of mixed-metal (Ni Co) Prussian blue analogs hollow nanocubes. *Journal of Electroanalytical Chemistry*, **2020**, 874, 114507 | 4.1 | 16 |
| 52 | A novel method to construct a 3D FeWO microsphere-array electrode as a non-enzymatic glucose sensor. *Nanotechnology*, **2019**, 30, 165501 | 3.4 | 15 |
| 51 | Highly sensitive detection of hesperidin using AuNPs/rGO modified glassy carbon electrode. *Analyst, The*, **2017**, 143, 297-303 | 5 | 15 |
| 50 | Metal-dependent photosensitivity of three isostructural 1D CPs based on the 1,1Rbis(3-carboxylatobenzyl)-4,4Rbipyridinium moiety. *Dalton Transactions*, **2020**, 49, 4044-4049 | 4.3 | 14 |
| 49 | Multiplexing determination of lung cancer biomarkers using electrochemical and surface-enhanced Raman spectroscopic techniques. *New Journal of Chemistry*, **2015**, 39, 5420-5430 | 3.6 | 14 |
| 48 | Sun, UV and X-ray triple photochromic properties of three coordination polymers based on 1,1?-bis(3-carboxylatobenzyl)-4,4?-bipyridinium ligand. *CrystEngComm*, **2020**, 22, 2121-2127 | 3.3 | 13 |

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| 47 | Self-supported spinel FeCoO nanowire array: an efficient non-noble-metal catalyst for the hydrolysis of NaBH toward on-demand hydrogen generation. *Nanotechnology*, **2016**, 27, 46LT03 | 3.4 | 13 |
| 46 | Cox[email protected]3O4 Nanocomposite on Cobalt Foam as Efficient Bifunctional Electrocatalysts for Hydrazine-Assisted Hydrogen Production. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 4688-4701 | 8.3 | 13 |
| 45 | Multiplexing determination of cancer-associated biomarkers by surface-enhanced Raman scattering using ordered gold nanohoneycomb arrays. *Bioanalysis*, **2017**, 9, 1561-1572 | 2.1 | 12 |
| 44 | Cobalt phosphide nanowall array as an efficient 3D catalyst electrode for methanol electro-oxidation. *Nanotechnology*, **2016**, 27, 44LT02 | 3.4 | 12 |
| 43 | Polypyrrole colloidal nanospheres as an effective fluorescent sensing platform for DNA detection. *Synthetic Metals*, **2011**, 161, 1766-1770 | 3.6 | 10 |
| 42 | A photoelectrochemical sensor for highly sensitive detection of glucose based on AuNiO1 hybrid nanowires. *Sensors and Actuators B: Chemical*, **2020**, 304, 127330 | 8.5 | 10 |
| 41 | A comparative study of electrocatalytic oxidation of glucose on conductive Ni-MOF nanosheet arrays with different ligands. *New Journal of Chemistry*, **2020**, 44, 17849-17853 | 3.6 | 10 |
| 40 | Ni e hybrid nanocubes: an efficient electrocatalyst for non-enzymatic glucose sensing with a wide detection range. *New Journal of Chemistry*, **2019**, 43, 11135-11140 | 3.6 | 9 |
| 39 | In-situ synthesis of silver nanoparticles on resin microspheres composed of poly(m-aminophenol), and their application in an enzymatic glucose biosensor. *Mikrochimica Acta*, **2015**, 182, 479-486 | 5.8 | 8 |
| 38 | Metal-dependent chromic properties of three isostructural 1D coordination polymers based on 1-(2-carboxyethyl)-4,4?-bipyridinium ligand. *Dyes and Pigments*, **2020**, 177, 108266 | 4.6 | 8 |
| 37 | Photochromic properties of three 2D MOFs based on 1-carboxyethyl-4,4Rbipyridinine.. *RSC Advances*, **2019**, 9, 33155-33162 | 3.7 | 8 |
| 36 | Au nanoparticle decorated resin microspheres: synthesis and application in electrochemical cytosensors for sensitive and selective detection of lung cancer A549 cells. *RSC Advances*, **2015**, 5, 24615-24624 | 3.7 | 7 |
| 35 | Synthesis and characterization of CuInS2 nanoflowers. *Colloid Journal*, **2010**, 72, 282-285 | 1.1 | 7 |
| 34 | Ultra-sensitive and high efficiency detection of multiple non-small cell lung cancer-related miRNAs on a single test line in catalytic hairpin assembly-based SERS-LFA strip. *Analytica Chimica Acta*, **2021**, 1178, 338800 | 6.6 | 7 |
| 33 | A SERS protocol as a potential tool to access 6-mercaptopurine release accelerated by glutathione-S-transferase. *Analyst, The*, **2015**, 140, 7578-85 | 5 | 6 |
| 32 | Process characterization of epithelial esenchymal transition in alveolar epithelial type II cells using surface-enhanced Raman scattering spectroscopy. *RSC Advances*, **2016**, 6, 14321-14328 | 3.7 | 6 |
| 31 | A Sensitive Electrochemical MUC1 Sensing Platform Based on Electroactive Cu-MOFs Decorated by AuPt Nanoparticles. *Journal of the Electrochemical Society*, **2020**, 167, 087502 | 3.9 | 6 |
| 30 | Highly sensitive detection of cytochrome c in the NSCLC serum using a hydrophobic paper based-gold nanourchin substrate. *Biomedical Optics Express*, **2020**, 11, 7062-7078 | 3.5 | 6 |

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| 29 | A three-dimensional CoNi-MOF nanosheet array-based immunosensor for sensitive monitoring of human chorionic gonadotropin with core-shell ZnNi-MOF@Nile Blue nanotags. *Analyst, The*, **2021**, 145, 8097-8103 | 5 | 6 |
| 28 | A label-free electrochemical aptasensor based on the core-shell Cu-MOF@TpBD hybrid nanoarchitecture for the sensitive detection of PDGF-BB. *Analyst, The*, **2021**, 146, 979-988 | 5 | 6 |
| 27 | Copper(II) 1,4-naphthalenedicarboxylate on copper foam nanowire arrays for electrochemical immunosensing of the prostate specific antigen. *Mikrochimica Acta*, **2019**, 186, 758 | 5.8 | 5 |
| 26 | Carbon nanoparticles-induced formation of polyaniline nanofibers and their subsequent decoration with Ag nanoparticles for nonenzymatic H2O2 detection. *Russian Journal of Electrochemistry*, **2014**, 50, 95-99 | 1.2 | 5 |
| 25 | Novel nanotextured microelectrodes: Electrodeposition-based fabrication and their application to ultrasensitive nucleic acid detection. *Electrochimica Acta*, **2011**, 56, 2832-2836 | 6.7 | 5 |
| 24 | Ni2P Nanosheets: A High Catalytic Activity Platform for Electrochemical Detection of Acetaminophen. *Chinese Journal of Chemistry*, **2021**, 39, 1849-1854 | 4.9 | 5 |
| 23 | A novel surface-enhanced Raman scattering probe based on Au nanoboxes for dynamic monitoring of caspase-3 during cervical cancer cell apoptosis. *Journal of Materials Chemistry B*, **2021**, 9, 381-391 | 7.3 | 5 |
| 22 | Polyacetylene nanoparticles-based preparation of polyaniline nanofibers. *Journal of Nanoparticle Research*, **2011**, 13, 471-477 | 2.3 | 4 |
| 21 | The simultaneous detection of the squamous cell carcinoma antigen and cancer antigen 125 in the cervical cancer serum using nano-Ag polydopamine nanospheres in an SERS-based lateral flow immunoassay.. *RSC Advances*, **2020**, 10, 29156-29170 | 3.7 | 4 |
| 20 | Highly sensitive and selective dopamine sensor uses three-dimensional cobalt phosphide nanowire array. *Journal of Materials Science*, **2021**, 56, 6401-6410 | 4.3 | 4 |
| 19 | Microwave-assisted one-pot synthesis of Ag NPs/C and its application in H2O2 and glucose detection. *Chemical Research in Chinese Universities*, **2016**, 32, 433-436 | 2.2 | 3 |
| 18 | Effect of counter cations on the photochromic behaviors of three Zn□iologen complexes. *New Journal of Chemistry*, **2019**, 43, 12678-12683 | 3.6 | 3 |
| 17 | Preparation of graphene platelet-Ru(phen) 2+3 assemblies and their application in electrochemiluminescence detection. *Russian Journal of Electrochemistry*, **2013**, 49, 1092-1096 | 1.2 | 3 |
| 16 | Supramolecular Microfibrils of O-Phenylenediamine Dimers: Oxidation-induced Formation of Au Nanoparticle-decorated Nanoplates for H2O2 Detection. *Current Nanoscience*, **2012**, 8, 221-225 | 1.4 | 3 |
| 15 | High-performance electrochemical glucose sensing enabled by Cu(TCNQ) nanorod array. *Nanotechnology*, **2018**, 29, 135502 | 3.4 | 2 |
| 14 | Two Types of Immunoassay Based on Nile Blue Labeling Polydopamine Nanospheres. *Nano*, **2017**, 12, 1750092 | 1.1 | 2 |
| 13 | 2,4,6-Tris (2-pyridyl)-1,3,5-triazine nanobelts as an effective fluorescent sensing platform for DNA detection. *Journal of Nanoscience and Nanotechnology*, **2012**, 12, 2089-93 | 1.3 | 2 |
| 12 | Photochromism and hydrochromism of three complexes based on a new viologen 1-(4-carboxybutyl)-4,4?-bipyridinium ligand. *Inorganica Chimica Acta*, **2020**, 512, 119921 | 2.7 | 2 |

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|---|---|---|---|
| 11 | A dual-signal amplification strategy based on pump-free SERS microfluidic chip for rapid and ultrasensitive detection of non-small cell lung cancer-related circulating tumour DNA in mice serum.. *Biosensors and Bioelectronics*, **2022**, 205, 114110 | 11.8 | 2 |
| 10 | Synthesis and Characterization of Silver Nanoparticle Modified 3-Aminophenol Resin Microspheres with Application for Determination of Carcinoembryonic Antigens by Surface-Enhanced Raman Scattering. *Analytical Letters*, **2015**, 48, 2245-2257 | 2.2 | 1 |
| 9 | Single-stranded DNA-based Immobilization of Ag Nanoparticles for Enzymeless H2O2 Detection. *Current Nanoscience*, **2012**, 8, 292-298 | 1.4 | 1 |
| 8 | Supramolecular microrods can be prepared by mixing aqueous Ru(NH3)6Cl3 and K3Fe(CN)6 solutions at room temperature. *Colloid Journal*, **2010**, 72, 141-144 | 1.1 | 1 |
| 7 | Investigation of the sublimation mechanism of GeSe and GeS. *Chemical Communications*, **2021**, 57, 11461-11464 | 5.8 | 1 |
| 6 | Determination of berberine in Rhizoma coptidis using a Ecyclodextrin-sensitized fluorescence method.. *RSC Advances*, **2020**, 10, 40136-40141 | 3.7 | 1 |
| 5 | Au Nanoparticles Anchored on Cobalt Boride Nanowire Arrays for the Electrochemical Determination of Prostate-Specific Antigen. *ACS Applied Nano Materials*, **2021**, 4, 5707-5716 | 5.6 | 1 |
| 4 | A two-dimensional G-CoP/N,P-co-doped carbon nanowire electrode for the simultaneous determination of hydroquinone and catechol in domestic wastewater. *Analytica Chimica Acta*, **2022**, 1210, 339871 | 6.6 | 1 |
| 3 | 7,7,8,8-tetracyanoquinodimethane microsheets for hydrogen peroxide reduction. *Russian Journal of Electrochemistry*, **2013**, 49, 1097-1100 | 1.2 | |
| 2 | Electrodeposition-based controllabe fabrication of novel Pd nanotextured microelectrodes. *Russian Journal of Electrochemistry*, **2012**, 48, 1135-1139 | 1.2 | |
| 1 | Nanotextured au microelectrodes: Electrodeposition-based fabrication and their cyclic voltammograms study. *Russian Journal of Electrochemistry*, **2012**, 48, 89-92 | 1.2 | |