

# Yan Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

96  
papers

5,023  
citations

76196

40  
h-index

95083

68  
g-index

97  
all docs

97  
docs citations

97  
times ranked

6076  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Pyroelectric Nanogenerators for Harvesting Thermoelectric Energy. <i>Nano Letters</i> , 2012, 12, 2833-2838.  | 4.5  | 639       |
| 2  | Flexible Electronics Based on Micro/Nanostructured Paper. <i>Advanced Materials</i> , 2018, 30, e1801588.   | 11.1 | 249       |
| 3  | Graphene quantum dots/gold electrode and its application in living cell H <sub>2</sub> O <sub>2</sub> detection. <i>Nanoscale</i> , 2013, 5, 1816.  | 2.8  | 245       |
| 4  | Flexible paper-based ZnO nanorod light-emitting diodes induced multiplexed photoelectrochemical immunoassay. <i>Chemical Communications</i> , 2014, 50, 1417-1419.  | 2.2  | 166       |
| 5  | DNAzyme-Triggered Visual and Ratiometric Electrochemiluminescence Dual-Readout Assay for Pb(II) Based on an Assembled Paper Device. <i>Analytical Chemistry</i> , 2020, 92, 3874-3881.  | 3.2  | 117       |
| 6  | Battery-triggered microfluidic paper-based multiplex electrochemiluminescence immunodevice based on potential-resolution strategy. <i>Lab on A Chip</i> , 2012, 12, 4489.   | 3.1  | 114       |
| 7  | Paper-Based Device for Colorimetric and Photoelectrochemical Quantification of the Flux of H <sub>2</sub> O <sub>2</sub> Releasing from MCF-7 Cancer Cells. <i>Analytical Chemistry</i> , 2016, 88, 5369-5377.                                | 3.2  | 105       |
| 8  | Application of ZnO/graphene and S6 aptamers for sensitive photoelectrochemical detection of SK-BR-3 breast cancer cells based on a disposable indium tin oxide device. <i>Biosensors and Bioelectronics</i> , 2014, 51, 413-420.              | 5.3  | 103       |
| 9  | Nanomaterials-modified cellulose paper as a platform for biosensing applications. <i>Nanoscale</i> , 2017, 9, 4366-4382.  | 2.8  | 102       |
| 10 | In-situ synthesized polypyrrole-cellulose conductive networks for potential-tunable foldable power paper. <i>Nano Energy</i> , 2017, 31, 174-182.   | 8.2  | 100       |
| 11 | Multiplexed sandwich immunoassays using flow-injection electrochemiluminescence with designed substrate spatial-resolved technique for detection of tumor markers. <i>Biosensors and Bioelectronics</i> , 2013, 41, 684-690.                  | 5.3  | 91        |
| 12 | Colorimetric and Electrochemiluminescence Dual-Mode Sensing of Lead Ion Based on Integrated Lab-on-Paper Device. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 3431-3440.   | 4.0  | 90        |
| 13 | Porphyrin-Based Covalent Organic Framework Thin Films as Cathodic Materials for "Off-On" Photoelectrochemical Sensing of Lead Ions. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 20397-20404.                                    | 4.0  | 89        |
| 14 | Rapid and Reliable Detection of Alkaline Phosphatase by a Hot Spots Amplification Strategy Based on Well-Controlled Assembly on Single Nanoparticle. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 29547-29553.                    | 4.0  | 81        |
| 15 | Chemical and biochemical analysis on lab-on-a-chip devices fabricated using three-dimensional printing. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 166-180.   | 5.8  | 77        |
| 16 | Addressable TiO <sub>2</sub> Nanotubes Functionalized Paper-Based Cyto-Sensor with Photocontrollable Switch for Highly-Efficient Evaluating Surface Protein Expressions of Cancer Cells. <i>Analytical Chemistry</i> , 2018, 90, 13882-13890. | 3.2  | 74        |
| 17 | Ultrasensitive Photoelectrochemical Detection of MicroRNA on Paper by Combining a Cascade Nanozyme-Engineered Biocatalytic Precipitation Reaction and Target-Triggerable DNA Motor. <i>ACS Sensors</i> , 2020, 5, 1482-1490.                  | 4.0  | 74        |
| 18 | Self-powered electronic-skin for detecting glucose level in body fluid basing on piezo-enzymatic-reaction coupling process. <i>Nano Energy</i> , 2016, 26, 148-156.   | 8.2  | 71        |

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|----|--|------|-----------|
| 19 | Off-Photoelectrochemical/Visual Lab-on-Paper Sensing via Signal Amplification of CdS Quantum Dots@Leaf-Shape ZnO and Quenching of Au-Modified Prism-Anchored Octahedral CeO <sub>2</sub> Nanoparticles. <i>Analytical Chemistry</i> , 2018, 90, 11297-11304.                       | 3.2  | 65        |
| 20 | Synthesis and characterization of graphene nanosheets attached to spiky MnO <sub>2</sub> nanospheres and its application in ultrasensitive immunoassay. <i>Carbon</i> , 2013, 57, 22-33.   | 5.4  | 64        |
| 21 | Ultrasensitive electrochemical cancer cells sensor based on trimetallic dendritic Au@PtPd nanoparticles for signal amplification on lab-on-paper device. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 665-672.  | 4.0  | 64        |
| 22 | Multiplexed enzyme-free electrochemical immunosensor based on ZnO nanorods modified reduced graphene oxide-paper electrode and silver deposition-induced signal amplification strategy. <i>Biosensors and Bioelectronics</i> , 2015, 71, 30-36.                                    | 5.3  | 63        |
| 23 | Magnetic beads-based electrochemiluminescence immunosensor for determination of cancer markers using quantum dot functionalized PtRu alloys as labels. <i>Analyst</i> , 2012, 137, 2176.   | 1.7  | 61        |
| 24 | Ultrasensitive Enzyme-free Biosensor by Coupling Cyclodextrin Functionalized Au Nanoparticles and High-Performance Au-Paper Electrode. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 3333-3340.  | 4.0  | 60        |
| 25 | In situ grown COFs on 3D strutted graphene aerogel for electrochemical detection of NO released from living cells. <i>Chemical Engineering Journal</i> , 2021, 420, 127559.  | 6.6  | 59        |
| 26 | Gold-silver nanocomposite-functionalized graphene based electrochemiluminescence immunosensor using graphene quantum dots coated porous PtPd nanochains as labels. <i>Electrochimica Acta</i> , 2014, 123, 470-476.  | 2.6  | 55        |
| 27 | Paper-Based Electronics: Flexible Electronics Based on Micro/Nanostructured Paper (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT/Overlo<br>11.1 54   | 11.1 | 54        |
| 28 | Graphene functionalized porous Au-paper based electrochemiluminescence device for detection of DNA using luminescent silver nanoparticles coated calcium carbonate/carboxymethyl chitosan hybrid microspheres as labels. <i>Biosensors and Bioelectronics</i> , 2014, 59, 307-313. | 5.3  | 52        |
| 29 | Editable TiO <sub>2</sub> Nanomaterial-Modified Paper in Situ for Highly Efficient Detection of Carcinoembryonic Antigen by Photoelectrochemical Method. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 14594-14601.  | 4.0  | 52        |
| 30 | Core-shell Fe <sub>3</sub> O <sub>4</sub> -Au magnetic nanoparticles based nonenzymatic ultrasensitive electrochemiluminescence immunosensor using quantum dots functionalized graphene sheet as labels. <i>Analytica Chimica Acta</i> , 2013, 770, 132-139.                       | 2.6  | 51        |
| 31 | Electrochemical K-562 cells sensor based on origami paper device for point-of-care testing. <i>Talanta</i> , 2015, 145, 12-19.   | 2.9  | 51        |
| 32 | A paper-based electrochemiluminescence electrode as an aptamer-based cytosensor using PtNi@carbon dots as nanolabels for detection of cancer cells and for in-situ screening of anticancer drugs. <i>Mikrochimica Acta</i> , 2016, 183, 1873-1880.                                 | 2.5  | 49        |
| 33 | Sudoku-like Lab-on-Paper Cyto-Device with Dual Enhancement of Electrochemiluminescence Intermediates Strategy. <i>Analytical Chemistry</i> , 2017, 89, 7511-7519.  | 3.2  | 49        |
| 34 | Magnetic graphene nanosheets based electrochemiluminescence immunoassay of cancer biomarker using CdTe quantum dots coated silica nanospheres as labels. <i>Talanta</i> , 2012, 99, 512-519.   | 2.9  | 48        |
| 35 | A molecularly imprinted polypyrrole for ultrasensitive voltammetric determination of glyphosate. <i>Mikrochimica Acta</i> , 2017, 184, 1959-1967.  | 2.5  | 48        |
| 36 | Stackable Lab-on-Paper Device with All-in-One Au Electrode for High-Efficiency Photoelectrochemical Cyto-Sensing. <i>Analytical Chemistry</i> , 2018, 90, 7212-7220.   | 3.2  | 46        |

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|----|---|-----|-----------|
| 37 | Co <sub>3</sub> O <sub>4</sub> -Au polyhedron mimic peroxidase- and cascade enzyme-assisted cycling process-based photoelectrochemical biosensor for monitoring of miRNA-141. <i>Chemical Engineering Journal</i> , 2021, 406, 126892.                                  | 6.6 | 46        |
| 38 | CuO-induced signal amplification strategy for multiplexed photoelectrochemical immunosensing using CdS sensitized ZnO nanotubes arrays as photoactive material and AuPd alloy nanoparticles as electron sink. <i>Biosensors and Bioelectronics</i> , 2015, 66, 565-571. | 5.3 | 44        |
| 39 | Paper-based biosensor relying on flower-like reduced graphene guided enzymatically deposition of polyaniline for Pb <sup>2+</sup> detection. <i>Biosensors and Bioelectronics</i> , 2016, 80, 215-221.  | 5.3 | 44        |
| 40 | Paper-based electrochemical immunosensor for carcinoembryonic antigen based on three dimensional flower-like gold electrode and gold-silver bimetallic nanoparticles. <i>Electrochimica Acta</i> , 2014, 147, 650-656.  | 2.6 | 42        |
| 41 | Gold nanorods-paper electrode based enzyme-free electrochemical immunoassay for prostate specific antigen using porous zinc oxide spheres-silver nanoparticles nanocomposites as labels. <i>New Journal of Chemistry</i> , 2015, 39, 6062-6067.                         | 1.4 | 41        |
| 42 | Gold-silver nanocomposite-functionalized graphene sensing platform for an electrochemiluminescent immunoassay of a tumor marker. <i>RSC Advances</i> , 2013, 3, 14701.  | 1.7 | 40        |
| 43 | 3D synergistical rGO/Eu(TPyP)(Pc) hybrid aerogel for high-performance NO <sub>2</sub> gas sensor with enhanced immunity to humidity. <i>Journal of Hazardous Materials</i> , 2020, 384, 121426.   | 6.5 | 39        |
| 44 | Paper-Based Bipolar Electrode Electrochemiluminescence Platform Combined with Pencil-Drawing Trace for the Detection of M.Sss1 Methyltransferase. <i>Analytical Chemistry</i> , 2022, 94, 8327-8334.  | 3.2 | 38        |
| 45 | Photoelectrochemical biosensor of HIV-1 based on cascaded photoactive materials and triple-helix molecular switch. <i>Biosensors and Bioelectronics</i> , 2019, 139, 111325.  | 5.3 | 37        |
| 46 | A 3D origami electrochemical immunodevice based on a Au@Pd alloy nanoparticle-paper electrode for the detection of carcinoembryonic antigen. <i>Journal of Materials Chemistry B</i> , 2014, 2, 6669-6674.  | 2.9 | 36        |
| 47 | Low-Power and High-Performance Trimethylamine Gas Sensor Based on n-n Heterojunction Microbelts of Perylene Diimide/CdS. <i>Analytical Chemistry</i> , 2019, 91, 5591-5598.   | 3.2 | 36        |
| 48 | Auto-cleaning paper-based electrochemiluminescence biosensor coupled with binary catalysis of cubic Cu <sub>2</sub> O-Au and polyethyleneimine for quantification of Ni <sup>2+</sup> and Hg <sup>2+</sup> . <i>Biosensors and Bioelectronics</i> , 2019, 126, 339-345. | 5.3 | 34        |
| 49 | Paper-based sandwich type SERS sensor based on silver nanoparticles and biomimetic recognizer. <i>Sensors and Actuators B: Chemical</i> , 2020, 313, 127989.  | 4.0 | 33        |
| 50 | Triggerable H <sub>2</sub> O <sub>2</sub> -Cleavable Switch of Paper-Based Biochips Endows Precision of Chemometer/Ratiometric Electrochemical Quantification of Analyte in High-Efficiency Point-of-Care Testing. <i>Analytical Chemistry</i> , 2019, 91, 10273-10281. | 3.2 | 32        |
| 51 | Application of ZnO quantum dots dotted carbon nanotube for sensitive electrochemiluminescence immunoassay based on simply electrochemical reduced Pt/Au alloy and a disposable device. <i>Analytica Chimica Acta</i> , 2014, 818, 46-53.                                | 2.6 | 31        |
| 52 | Real-time visual determination of the flux of hydrogen sulphide using a hollow-channel paper electrode. <i>Chemical Communications</i> , 2015, 51, 14030-14033.   | 2.2 | 31        |
| 53 | An enhanced photoelectrochemical platform: graphite-like carbon nitride nanosheet-functionalized ZnO nanotubes. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4980-4987.   | 2.9 | 31        |
| 54 | Non-covalent interaction-driven self-assembly of perylene diimide on rGO for room-temperature sensing of triethylamine with enhanced immunity to humidity. <i>Chemical Engineering Journal</i> , 2020, 385, 123397.   | 6.6 | 31        |

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|----|---|-----|-----------|
| 55 | Electrochemiluminescence immunoassay using a paper electrode incorporating porous silver and modified with mesoporous silica nanoparticles functionalized with blue-luminescent carbon dots. <i>Mikrochimica Acta</i> , 2014, 181, 1415-1422.                             | 2.5 | 30        |
| 56 | Ultrasensitive detection of lead ion sensor based on gold nanodendrites modified electrode and electrochemiluminescent quenching of quantum dots by electrocatalytic silver/zinc oxide coupled structures. <i>Biosensors and Bioelectronics</i> , 2015, 65, 176-182.      | 5.3 | 30        |
| 57 | TiO <sub>2</sub> @graphene complex nanopaper for paper-based label-free photoelectrochemical immunoassay. <i>Electrochimica Acta</i> , 2013, 112, 620-628.  | 2.6 | 29        |
| 58 | Ultrasensitive photoelectrochemical immunoassay based on CdS@Cu <sub>2</sub> O co-sensitized porous ZnO nanosheets and promoted by multiwalled carbon nanotubes. <i>Sensors and Actuators B: Chemical</i> , 2016, 234, 658-666.   | 4.0 | 29        |
| 59 | Steric paper based ratio-type electrochemical biosensor with hollow-channel for sensitive detection of Zn <sup>2+</sup> . <i>Science Bulletin</i> , 2017, 62, 1114-1121.  | 4.3 | 29        |
| 60 | Three-dimensional nanoflower-like MnO <sub>2</sub> functionalized graphene as catalytically promoted nanolabels for ultrasensitive electrochemiluminescence immunoassay. <i>Electrochimica Acta</i> , 2013, 97, 333-340.  | 2.6 | 28        |
| 61 | An enhanced photoelectrochemical immunosensing platform: Supramolecular donor-acceptor arrays by assembly of porphyrin and C <sub>60</sub> . <i>Biosensors and Bioelectronics</i> , 2015, 68, 604-610.  | 5.3 | 28        |
| 62 | Ultrasensitive electrochemiluminescent immunosensor based on dual signal amplification strategy of gold nanoparticles-dotted graphene composites and CdTe quantum dots coated silica nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4921-4929. | 1.9 | 27        |
| 63 | Multifunctional reduced graphene oxide triggered chemiluminescence resonance energy transfer: Novel signal amplification strategy for photoelectrochemical immunoassay of squamous cell carcinoma antigen. <i>Biosensors and Bioelectronics</i> , 2016, 79, 55-62.        | 5.3 | 27        |
| 64 | A sensitive signal-off aptasensor for adenosine triphosphate based on the quenching of Ru(bpy) <sub>3</sub> <sup>2+</sup> -doped silica nanoparticles electrochemiluminescence by ferrocene. <i>Sensors and Actuators B: Chemical</i> , 2014, 191, 377-383.               | 4.0 | 26        |
| 65 | Electrochemiluminescence of graphitic carbon nitride and its application in ultrasensitive detection of lead(II) ions. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 7181-7191.  | 1.9 | 26        |
| 66 | Internal Light Source-Driven Photoelectrochemical 3D-rGO/Cellulose Device Based on Cascade DNA Amplification Strategy Integrating Target Analog Chain and DNA Mimic Enzyme. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 37839-37847.                         | 4.0 | 26        |
| 67 | Application of indium tin oxide device in gold-coated magnetic iron solid support enhanced electrochemiluminescent immunosensor for determination of carcinoma embryonic antigen. <i>Sensors and Actuators B: Chemical</i> , 2012, 171-172, 891-898.                      | 4.0 | 25        |
| 68 | Highly conductive and bendable gold networks attached on intertwined cellulose fibers for output controllable power paper. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19611-19620.  | 5.2 | 25        |
| 69 | Real-time and in situ enzyme inhibition assay for the flux of hydrogen sulfide based on 3D interwoven AuPd-reduced graphene oxide network. <i>Biosensors and Bioelectronics</i> , 2017, 87, 53-58.  | 5.3 | 24        |
| 70 | Noninvasive and Wearable Respiration Sensor Based on Organic Semiconductor Film with Strong Electron Affinity. <i>Analytical Chemistry</i> , 2019, 91, 10320-10327.   | 3.2 | 24        |
| 71 | Chemiluminescence excited paper-based photoelectrochemical competitive immunosensing based on porous ZnO spheres and CdS nanorods. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7679-7684.  | 2.9 | 23        |
| 72 | Paper-Based Analytical Devices Relying on Visible-Light-Enhanced Glucose/Air Biofuel Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 24330-24337.   | 4.0 | 23        |

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|----|---|-----|-----------|
| 73 | Photoelectrochemical immunoassay based on chemiluminescence as internal excited light source. <i>Sensors and Actuators B: Chemical</i> , 2016, 234, 324-331.  | 4.0 | 23        |
| 74 | Multiple cooperative amplification paper SERS aptasensor based on AuNPs/3D succulent-like silver for okadaic acid quantization. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130174.   | 4.0 | 23        |
| 75 | A 3D electrochemical immunodevice based on a porous Pt-paper electrode and metal ion functionalized flower-like Au nanoparticles. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2764-2769.   | 2.9 | 22        |
| 76 | Cerium Dioxide-Mediated Signal "Off" by Resonance Energy Transfer on a Lab-On-Paper Device for Ultrasensitive Detection of Lead Ions. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 32591-32598.   | 4.0 | 21        |
| 77 | Dual-mode fluorescence biosensor platform based on T-shaped duplex structure for detection of microRNA and folate receptor. <i>Sensors and Actuators B: Chemical</i> , 2018, 261, 44-50.  | 4.0 | 19        |
| 78 | Mimic peroxidase-transfer enhancement of photoelectrochemical aptasensing via CuO nanoflowers functionalized lab-on-paper device with a controllable fluid separator. <i>Biosensors and Bioelectronics</i> , 2019, 133, 32-38.                                  | 5.3 | 19        |
| 79 | Self-Circulation Oxygen-Hydrogen Peroxide-Oxygen System for Ultrasensitive Cathode Photoelectrochemical Bioassay Using a Stacked Sealed Paper Device. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 19793-19802.                                    | 4.0 | 19        |
| 80 | All-sealed paper-based electrochemiluminescence platform for on-site determination of lead ions. <i>Biosensors and Bioelectronics</i> , 2021, 192, 113524.  | 5.3 | 17        |
| 81 | Triple catalysis amplification strategy for simultaneous multiplexed electrochemical immunoassays based on cactus-like MnO <sub>2</sub> functionalized nanoporous gold. <i>Sensors and Actuators B: Chemical</i> , 2013, 186, 545-549.                          | 4.0 | 16        |
| 82 | Application of CuS-functionalized ZnO nanoflakes for a paper-based photoelectrochemical immunoassay using an in situ electron donor producing strategy. <i>New Journal of Chemistry</i> , 2015, 39, 7012-7018.  | 1.4 | 16        |
| 83 | Branched zinc oxide nanorods arrays modified paper electrode for electrochemical immunosensing by combining biocatalytic precipitation reaction and competitive immunoassay mode. <i>Biosensors and Bioelectronics</i> , 2015, 74, 823-829.                     | 5.3 | 15        |
| 84 | Label-free colorimetric logic gates based on free gold nanoparticles and the coordination strategy between cytosine and silver ions. <i>New Journal of Chemistry</i> , 2016, 40, 5516-5522.   | 1.4 | 15        |
| 85 | Spectrophotometric determination of the activity of alkaline phosphatase and detection of its inhibitors by exploiting the pyrophosphate-accelerated oxidase-like activity of nanoceria. <i>Mikrochimica Acta</i> , 2019, 186, 320.                             | 2.5 | 15        |
| 86 | Ultrasensitive electrochemiluminescence immunoassay for tumor marker based on quantum dots coated carbon nanospheres. <i>Journal of Luminescence</i> , 2013, 144, 6-12.   | 1.5 | 10        |
| 87 | Electrochemiluminescent molecular logic gates based on MCNTs for the multiplexed analysis of mercury(II) and silver(I) ions. <i>RSC Advances</i> , 2016, 6, 26147-26154.  | 1.7 | 10        |
| 88 | Facile synthesis of novel dopamine-modified glass fibers for improving alkali resistance of fibers and flexural strength of fiber-reinforced cement. <i>RSC Advances</i> , 2021, 11, 18818-18826.   | 1.7 | 7         |
| 89 | Ratiometric electrochemiluminescence lab-on-paper device for DNA methylation determination based on highly conductive copper paper electrode. <i>Biosensors and Bioelectronics</i> , 2022, 214, 114522.   | 5.3 | 7         |
| 90 | Highly sensitive hybridization assay using the electrochemiluminescence of an ITO electrode, CdTe quantum dots functionalized with hierarchical nanoporous PtFe nanoparticles, and magnetic graphene nanosheets. <i>Mikrochimica Acta</i> , 2014, 181, 213-222. | 2.5 | 6         |

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|----|---|-----|-----------|
| 91 | Enhanced triethylamine sensing performance of superfine NiO nanoparticles decoration by two-dimensional hexagonal boron nitride. <i>Advanced Powder Technology</i> , 2021, 32, 3801-3813.   | 2.0 | 6         |
| 92 | An electrochemical immunoassay based on trepang-like gold electrodes and nanogold functionalized flower-like hierarchical carbon materials with improved sensitivity. <i>New Journal of Chemistry</i> , 2015, 39, 3452-3460.  | 1.4 | 4         |
| 93 | Magnetic nanoparticle-based electrochemiluminescent immunosensor for detection of carcinoembryonic antigen based on silica nanosphere@gold nanoparticles-Ru as labels. <i>Monatshefte für Chemie</i> , 2014, 145, 113-120.  | 0.9 | 3         |
| 94 | Sandwich-type electrochemiluminescence immunosensor based on poly(acrylic acid) coated Fe <sub>3</sub> O <sub>4</sub> composite for human chorionic gonadotrophin detection using quantum dots functionalized CNTs as labels. <i>Monatshefte für Chemie</i> , 2014, 145, 147-154. | 0.9 | 2         |
| 95 | Au@Pt nanoparticle-based electrochemiluminescence immunoassay of a cancer biomarker using ZnO nanospheres coated with CdTe quantum dots as labels. <i>Monatshefte für Chemie</i> , 2014, 145, 121-127.  | 0.9 | 2         |
| 96 | Fabrication of Lab-on-Paper Using Porous Au-Paper Electrode: Application to Tumor Marker Electrochemical Immunoassays. <i>Methods in Molecular Biology</i> , 2017, 1572, 125-134.   | 0.4 | 2         |