

Qingbiao Zhao

List of Publications by Year in descending order

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36
papers

1,012
citations

471509

17
h-index

434195

31
g-index

36
all docs

36
docs citations

36
times ranked

1362
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A Robust Artificial Synapse Based on Organic Ferroelectric Polymer. <i>Advanced Electronic Materials</i> , 2019, 5, 1800600. | 5.1 | 129 |
| 2 | A dual-template imprinted polymer electrochemical sensor based on AuNPs and nitrogen-doped graphene oxide quantum dots coated on NiS ₂ /biomass carbon for simultaneous determination of dopamine and chlorpromazine. <i>Chemical Engineering Journal</i> , 2020, 389, 124417. | 12.7 | 107 |
| 3 | MOF-Derived NiO/NiCo ₂ O ₄ and NiO/NiCo ₂ O ₄ -rGO as Highly Efficient and Stable Electrocatalysts for Oxygen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 12511-12521. | 6.7 | 79 |
| 4 | Graphene oxide-Fe ₃ O ₄ nanocomposite magnetic solid phase extraction followed by UHPLC-MS/MS for highly sensitive determination of eight psychoactive drugs in urine samples. <i>Talanta</i> , 2020, 206, 120212. | 5.5 | 57 |
| 5 | Rational Construction of a Ni/CoMoO ₄ Heterostructure with Strong Ni-O-Co Bonds for Improving Multifunctional Nanozyme Activity. <i>ACS Nano</i> , 2022, 16, 4536-4550. | 14.6 | 55 |
| 6 | Smartphone based platform for ratiometric fluorometric and colorimetric determination H ₂ O ₂ and glucose. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127524. | 7.8 | 53 |
| 7 | C ₃ N ₄ Nanosheets/Metal-Organic Framework Wrapped with Molecularly Imprinted Polymer Sensor: Fabrication, Characterization, and Electrochemical Detection of Furosemide. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 16847-16858. | 6.7 | 49 |
| 8 | Ratiometric fluorescence based on silver clusters and N, Fe doped carbon dots for determination of H ₂ O ₂ and UA: N, Fe doped carbon dots as mimetic peroxidase. <i>Sensors and Actuators B: Chemical</i> , 2019, 287, 408-415. | 7.8 | 46 |
| 9 | Sensitive and rapid determination of glyphosate, glufosinate, bialaphos and metabolites by UPLC-MS/MS using a modified Quick Polar Pesticides Extraction method. <i>Forensic Science International</i> , 2018, 283, 111-117. | 2.2 | 44 |
| 10 | Colorimetric and fluorometric determination of uric acid based on the use of nitrogen-doped carbon quantum dots and silver triangular nanoprisms. <i>Mikrochimica Acta</i> , 2018, 185, 281. | 5.0 | 39 |
| 11 | Colorimetric determination of glutathione in human serum and cell lines by exploiting the peroxidase-like activity of CuS-polydopamine-Au composite. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4805-4813. | 3.7 | 34 |
| 12 | Colorimetric and fluorometric dual-signal determination of dopamine by the use of Cu-Mn-O microcrystals and C-dots. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 125-132. | 7.8 | 33 |
| 13 | Flower-like Ni(II)-based Metal-Organic Framework-decorated Ag Nanoparticles: Fabrication, Characterization and Electrochemical Detection of Glucose. <i>Electroanalysis</i> , 2019, 31, 2179-2186. | 2.9 | 24 |
| 14 | Molecularly imprinted polydopamine modified with nickel nanoparticles wrapped with carbon: fabrication, characterization and electrochemical detection of uric acid. <i>Mikrochimica Acta</i> , 2019, 186, 414. | 5.0 | 22 |
| 15 | A bifunctional NiCo ₂ S ₄ /reduced graphene oxide@polyaniline nanocomposite as a highly-efficient electrode for glucose and rutin detection. <i>New Journal of Chemistry</i> , 2018, 42, 9398-9409. | 2.8 | 21 |
| 16 | Colorimetric detection of gallic acid based on the enhanced oxidase-like activity of floral-like magnetic Fe ₃ O ₄ @MnO ₂ . <i>Luminescence</i> , 2019, 34, 55-63. | 2.9 | 21 |
| 17 | Single-Composition White Light Emission from Dy ³⁺ Doped Sr ₂ CaWO ₆ . <i>Materials</i> , 2019, 12, 431. | 2.9 | 20 |
| 18 | Sensitive and rapid determination of pyrethroids in human blood by gas chromatography-tandem mass spectrometry with ultrasound-assisted dispersive liquid-liquid microextraction. <i>Drug Testing and Analysis</i> , 2018, 10, 1131-1138. | 2.6 | 17 |

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|----|---|-----|-----------|
| 19 | Blue emission from Sr _{0.98} Ga ₂ B ₂ O ₇ : 0.01Bi ³⁺ , 0.01Dy ³⁺ phosphor with high quantum yield. <i>Journal of Alloys and Compounds</i> , 2019, 810, 151849. | 5.5 | 17 |
| 20 | A fluorometric and colorimetric method for determination of trypsin by exploiting the gold nanocluster-induced aggregation of hemoglobin-coated gold nanoparticles. <i>Mikrochimica Acta</i> , 2019, 186, 272. | 5.0 | 17 |
| 21 | Sensitive determination of nine anticoagulant rodenticides in blood by high resolution mass spectrometry with supported liquid extraction pretreatment. <i>Forensic Science International</i> , 2018, 292, 39-44. | 2.2 | 15 |
| 22 | A ratiometric fluorometric and colorimetric probe for the β -thalassemia drug deferiprone based on the use of gold nanoclusters and carbon dots. <i>Mikrochimica Acta</i> , 2018, 185, 442. | 5.0 | 15 |
| 23 | Simultaneous determination of 16 alkaloids in blood by ultrahigh-performance liquid chromatography-tandem mass spectrometry coupled with supported liquid extraction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1128, 121789. | 2.3 | 13 |
| 24 | Role of Lone Pairs in Driving Ferroelectricity of Perovskite Oxides: An Orbital Selective External Potential Study. <i>Advanced Theory and Simulations</i> , 2019, 2, 1900029. | 2.8 | 11 |
| 25 | A dual-readout nanosensor based on biomass-based carbon dots and chitosan@AuNPs with hyaluronic acid for determination of hyaluronidase. <i>Luminescence</i> , 2020, 35, 43-51. | 2.9 | 11 |
| 26 | Rapid and sensitive determination of formamidines and metabolites with HPLC-MS/MS using core-shell columns. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1076, 22-28. | 2.3 | 10 |
| 27 | Simultaneous determination of nine anticoagulant rodenticides by ultra-performance liquid chromatography-tandem mass spectrometry with ultrasound-assisted low-density solvent dispersive liquid-liquid microextraction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1092, 453-458. | 2.3 | 10 |
| 28 | Sensitive, rapid and non-derivatized determination of glyphosate, glufosinate, bialaphos and metabolites in surface water by LC-MS/MS. <i>SN Applied Sciences</i> , 2019, 1, 1. | 2.9 | 10 |
| 29 | Sensitive and simultaneous determination of nine anticoagulant rodenticides in human blood by UPLC-MS-MS with phospholipid removal pretreatment. <i>Journal of Analytical Toxicology</i> , 2018, 42, 459-466. | 2.8 | 8 |
| 30 | Graphene transparent conductive films directly grown on quartz substrates by assisted catalysis of Cu nanoparticles. <i>Journal of Materials Science</i> , 2019, 54, 10312-10324. | 3.7 | 8 |
| 31 | Simultaneous determination of amitraz, chlordimeform, formetanate and metabolites in human blood by liquid chromatography tandem mass spectrometry with phospholipid removal pretreatment. <i>Biomedical Chromatography</i> , 2019, 33, e4477. | 1.7 | 6 |
| 32 | Preparation and multiferroicity of a novel two-dimensional material NiH ₂ SeO ₄ . <i>Journal of Materials Chemistry C</i> , 2020, 8, 14812-14818. | 5.5 | 5 |
| 33 | Ferroelectric Synapses: A Robust Artificial Synapse Based on Organic Ferroelectric Polymer (Adv.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 1</i> | 5.1 | 3 |
| 34 | Non-ferroelectricity from semicovalent superexchange in bismuth ferrite. <i>Physical Review B</i> , 2021, 104, . | 4.2 | 1 |
| 35 | The Evolution of Amitraz and Its Metabolic Degradation Products in Human Blood over 90 Days for Use in Forensic Determination. <i>Journal of Analytical Toxicology</i> , 2020, 45, 937-942. | 2.8 | 0 |
| 36 | Nonreciprocal directional dichroism in multiferroics. <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, 1. | 5.1 | 0 |