# Can-Peng Li

List of Publications by Year
in descending order



| 32 | 1,361 | 331538 21 | 434063 31 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 32 | 32 | 32 | 1745 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Electrochemical sensor for human norovirus based on covalent organic framework/pillararene heterosupramolecular nanocomposites. Talanta, 2022, 237, 122896. | 2.9 | 26 |
| 2 | Ultrasensitive supersandwich-type electrochemical sensor for SARS-CoV-2 from the infected COVID-19 patients using a smartphone. Sensors and Actuators B: Chemical, 2021, 327, 128899. | 4.0 | 303 |
| 3 | A novel electrochemical assay for chymosin determination using a label-free peptide as a substrate. Journal of Dairy Science, 2021, 104, 2511-2519. | 1.4 | 1 |
| 4 | Covalent Framework Particles Modified with MnO<sub>2</sub> Nanosheets and Au Nanoparticles as Electrochemical Immunosensors for Human Chorionic Gonadotropin. ACS Applied Nano Materials, 2021, 4, 4593-4601. | 2.4 | 28 |
| 5 | Ultrahigh stable lead halide perovskite nanocrystals as bright fluorescent label for the visualization of latent fingerprints. Nanotechnology, 2021, 32, 375601. | 1.3 | 0 |
| 6 | A novel affinity peptideâ€“antibody sandwich electrochemical biosensor for PSA based on the signal amplification of MnO2-functionalized covalent organic framework. Talanta, 2021, 233, 122520. | 2.9 | 36 |
| 7 | Cationic Pillar[6]arene Induces Cell Apoptosis by Inhibiting Protein Tyrosine Phosphorylation Via Hostâ€“Guest Recognition. International Journal of Molecular Sciences, 2020, 21, 4979. | 1.8 | 7 |
| 8 | Electrochemical sensor for cancer cell detection using calix[8]arene/polydopamine/phosphorene nanocomposite based on hostâ^'guest recognition. Sensors and Actuators B: Chemical, 2020, 317, 128193. | 4.0 | 25 |
| 9 | Ultrasensitive electrochemical sensor for prostate specific antigen detection with a phosphorene platform and magnetic covalent organic framework signal amplifier. Biosensors and Bioelectronics, 2019, 144, 111691. | 5.3 | 82 |
| 10 | Ultrasensitive electrochemical detection of alternative cleavage and polyadenylation of CCND2 gene at the single-cell level. Sensors and Actuators B: Chemical, 2019, 285, 553-561. | 4.0 | 8 |
| 11 | A reversible ion transportation switch of ONâ€“OFFâ€“ON type by a ligand-gated calix[6]arene channel. Chemical Communications, 2019, 55, 3008-3011. | 2.2 | 11 |
| 12 | Ultrasensitive and ultrawide range electrochemical determination of bisphenol A based on PtPd bimetallic nanoparticles and cationic pillar[5]arene decorated graphene. Journal of Electroanalytical Chemistry, 2019, 855, 113487. | 1.9 | 23 |
| 13 | A novel fluorescent sensing platform for insulin detection based on competitive recognition of cationic pillar[6]arene. Talanta, 2019, 197, 130-137. | 2.9 | 23 |
| 14 | A new strategy for the sensitive electrochemical determination of nitrophenol isomers using Î²-cyclodextrin derivative-functionalized silicon carbide. RSC Advances, 2018, 8, 775-784. | 1.7 | 38 |
| 15 | Label-Free Fluorescent Determination of Sunset Yellow in Soft Drinks Based on an Indicator-Displacement Assay. Journal of Food Quality, 2018, 2018, 1-9. | 1.4 | 7 |
| 16 | The synthesis of amphiphilic pillar[5]arene functionalized reduced graphene oxide and its application as novel fluorescence sensing platform for the determination of acetaminophen. Biosensors and Bioelectronics, 2017, 91, 863-869. | 5.3 | 59 |
| 17 | Ultrasensitive electrochemical detection of Dicer1 3â€²UTR for the fast analysis of alternative cleavage and polyadenylation. Nanoscale, 2017, 9, 4272-4282. | 2.8 | 13 |
| 18 | A comparison study of macrocyclic hosts functionalized reduced graphene oxide for electrochemical recognition of tadalafil. Biosensors and Bioelectronics, 2017, 89, 361-369. | 5.3 | 44 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Calix[8]arene functionalized single-walled carbon nanohorns for dual-signalling electrochemical sensing of aconitine based on competitive host-guest recognition. Biosensors and Bioelectronics, 2016, 83, 347-352. | 5.3 | 46 |
| 20 | p-sulfonated calix[8]arene functionalized graphene as a â€œturn onâ€•fluorescent sensing platform for aconitine determination. Biosensors and Bioelectronics, 2016, 82, 146-154. | 5.3 | 28 |
| 21 | A FRET-based fluorescent approach for labetalol sensing using calix[6]arene functionalized MnO<sub>2</sub>@graphene as a receptor. RSC Advances, 2016, 6, 79350-79360. | 1.7 | 14 |
| 22 | Indicator displacement assay for cholesterol electrochemical sensing using a calix[6]arene functionalized graphene-modified electrode. Analyst, The, 2016, 141, 270-278. | 1.7 | 45 |
| 23 | Bridged Î²-cyclodextrin-functionalized MWCNT with higher supramolecular recognition capability: The simultaneous electrochemical determination of three phenols. Biosensors and Bioelectronics, 2015, 68, 617-625. | 5.3 | 93 |
| 24 | Simultaneous determination of two flavonoids based on disulfide linked Î²-cyclodextrin dimer and Pd cluster functionalized graphene-modified electrode. RSC Advances, 2015, 5, 60775-60785. | 1.7 | 15 |
| 25 | Highly sensitive electrochemical sensor based on Î²-cyclodextrinâ€“gold@3, 4, 9, 10-perylene tetracarboxylic acid functionalized single-walled carbon nanohorns for simultaneous determination of myricetin and rutin. Analytica Chimica Acta, 2015, 892, 85-94. | 2.6 | 56 |
| 26 | Fluorescent Detection of Tadalafil Based on Competitive Hostâ€“Guest Interaction Using p-Sulfonated Calix[6]arene Functionalized Graphene. ACS Applied Materials & Interfaces, 2015, 7, 26557-26565. | 4.0 | 29 |
| 27 | Electrochemical simultaneous determination of hydroquinone and p-nitrophenol based on hostâ€“guest molecular recognition capability of dual Î²-cyclodextrin functionalized Au@graphene nanohybrids. Sensors and Actuators B: Chemical, 2015, 207, 1-8. | 4.0 | 46 |
| 28 | Dual Î²-cyclodextrin functionalized Au@SiC nanohybrids for the electrochemical determination of tadalafil in the presence of acetonitrile. Biosensors and Bioelectronics, 2015, 64, 126-130. | 5.3 | 43 |
| 29 | A highly sensitive electrochemical sensor for simultaneous determination of hydroquinone and bisphenol A based on the ultrafine Pd nanoparticle@TiO2 functionalized SiC. Analytica Chimica Acta, 2014, 852, 28-36. | 2.6 | 71 |
| 30 | Label-free electrochemical immunosensor based on goldâ€“silicon carbide nanocomposites for sensitive detection of human chorionic gonadotrophin. Biosensors and Bioelectronics, 2014, 57, 199-206. | 5.3 | 73 |
| 31 | Carboxylic silica nanosheetâ€“platinum nanoparticle modified glass carbon electrodes for pesticide detection. Analytical Methods, 2014, 6, 1914-1921. | 1.3 | 14 |
| 32 | A novel acetylcholinesterase biosensor based on carboxylic graphene coated with silver nanoparticles for pesticide detection. Materials Science and Engineering C, 2014, 35, 253-258. | 3.8 | 54 |