

Yang Chen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

1,649
citations

17
h-index

31
g-index

31
ext. papers

1,883
ext. citations

8.8
avg, IF

5.06
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 30 | Boronate affinity materials for separation and molecular recognition: structure, properties and applications. <i>Chemical Society Reviews</i> , 2015 , 44, 8097-123 | 58.5 | 337 |
| 29 | Boronate-Affinity Glycan-Oriented Surface Imprinting: A New Strategy to Mimic Lectins for the Recognition of an Intact Glycoprotein and Its Characteristic Fragments. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 10211-5 | 16.4 | 249 |
| 28 | A boronate affinity sandwich assay: an appealing alternative to immunoassays for the determination of glycoproteins. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 10386-9 | 16.4 | 199 |
| 27 | Composite of CdTe quantum dots and molecularly imprinted polymer as a sensing material for cytochrome c. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 2553-8 | 11.8 | 184 |
| 26 | Solvent Effects on the Assembly of [Cu ₂ I ₂]- or [Cu ₄ I ₄]-Based Coordination Polymers: Isolation, Structures, and Luminescent Properties. <i>Crystal Growth and Design</i> , 2008 , 8, 3810-3816 | 3.5 | 123 |
| 25 | Coupling of Phosphate-Imprinted Mesoporous Silica Nanoparticles-Based Selective Enrichment with Matrix-Assisted Laser Desorption Ionization-Time-of-Flight Mass Spectrometry for Highly Efficient Analysis of Protein Phosphorylation. <i>Analytical Chemistry</i> , 2016 , 88, 1447-54 | 7.8 | 78 |
| 24 | Off-line hyphenation of boronate affinity monolith-based extraction with matrix-assisted laser desorption/ionization time-of-flight mass spectrometry for efficient analysis of glycoproteins/glycopeptides. <i>Analytica Chimica Acta</i> , 2014 , 834, 1-8 | 6.6 | 64 |
| 23 | Efficient selection of glycoprotein-binding DNA aptamers via boronate affinity monolithic capillary. <i>Analytical Chemistry</i> , 2013 , 85, 8277-83 | 7.8 | 51 |
| 22 | Dual-template docking oriented molecular imprinting: a facile strategy for highly efficient imprinting within mesoporous materials. <i>Chemical Communications</i> , 2015 , 51, 10929-32 | 5.8 | 51 |
| 21 | Precision Imprinting of Glycopeptides for Facile Preparation of Glycan-Specific Artificial Antibodies. <i>Analytical Chemistry</i> , 2018 , 90, 9845-9852 | 7.8 | 46 |
| 20 | Recent advances of boronate affinity materials in sample preparation. <i>Analytica Chimica Acta</i> , 2019 , 1076, 1-17 | 6.6 | 40 |
| 19 | Insights into the effect of nanoconfinement on molecular interactions. <i>Nanoscale</i> , 2014 , 6, 9563-7 | 7.7 | 38 |
| 18 | Highly Efficient Solid-Phase Labeling of Saccharides within Boronic Acid Functionalized Mesoporous Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6173-6 | 16.4 | 36 |
| 17 | Boronate affinity Metal-Organic frameworks for highly efficient cis-diol molecules in-situ enrichment and surface-assisted laser desorption/ionization mass spectrometric detection. <i>Analytica Chimica Acta</i> , 2019 , 1065, 40-48 | 6.6 | 27 |
| 16 | Preparation of salbutamol imprinted magnetic nanoparticles via boronate affinity oriented surface imprinting for the selective analysis of trace salbutamol residues. <i>Analyst, The</i> , 2019 , 144, 3128-3135 | 5 | 21 |
| 15 | Boronate-Affinity Glycan-Oriented Surface Imprinting: A New Strategy to Mimic Lectins for the Recognition of an Intact Glycoprotein and Its Characteristic Fragments. <i>Angewandte Chemie</i> , 2015 , 127, 10349-10353 | 3.6 | 19 |
| 14 | Multimodal Plasmonic Assay of Copper(II) Ion via Stimuli-Responsive State Transformation of Silver Molecular Nanoparticles. <i>Analytical Chemistry</i> , 2016 , 88, 8123-8 | 7.8 | 18 |

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| 13 | Coupling of metal-organic frameworks-containing monolithic capillary-based selective enrichment with matrix-assisted laser desorption ionization-time-of-flight mass spectrometry for efficient analysis of protein phosphorylation. <i>Journal of Chromatography A</i> , 2017 , 1498, 56-63 | 4.5 | 14 |
| 12 | High Throughput Blood Analysis Based on Deep Learning Algorithm and Self-Positioning Super-Hydrophobic SERS Platform for Non-Invasive Multi-Disease Screening. <i>Advanced Functional Materials</i> , 2020 , 30, 2103382 | 15.6 | 12 |
| 11 | A Boronate Affinity Sandwich Assay: An Appealing Alternative to Immunoassays for the Determination of Glycoproteins. <i>Angewandte Chemie</i> , 2014 , 126, 10554-10557 | 3.6 | 11 |
| 10 | Preparing molecularly imprinted nanoparticles of saponins via cooperative imprinting strategy. <i>Journal of Separation Science</i> , 2020 , 43, 2162-2171 | 3.4 | 7 |
| 9 | Highly Efficient Solid-Phase Labeling of Saccharides within Boronic Acid Functionalized Mesoporous Silica Nanoparticles. <i>Angewandte Chemie</i> , 2015 , 127, 6271-6274 | 3.6 | 5 |
| 8 | Crystalline MOF nanofilm-based SALDI-MS array for determination of small molecules. <i>Mikrochimica Acta</i> , 2020 , 187, 326 | 5.8 | 5 |
| 7 | Dual boronate affinity nanoparticles-based plasmonic immunosandwich assay for specific and sensitive detection of ginsenosides. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 234, 118258 | 4.4 | 4 |
| 6 | Dendritic Mesoporous Silica Nanospheres: Toward the Ultimate Minimum Particle Size for Ultraefficient Liquid Chromatographic Separation. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 22970-22977 | 9.5 | 4 |
| 5 | Boronate affinity mesoporous silica nanoparticle based selective enrichment for highly efficient analysis of ginsenosides. <i>Analytical Methods</i> , 2019 , 11, 5673-5679 | 3.2 | 3 |
| 4 | Selective analysis of interferon-alpha in human serum with boronate affinity oriented imprinting based plastic antibody. <i>Talanta</i> , 2021 , 230, 122338 | 6.2 | 2 |
| 3 | PEI-assisted boronate affinity magnetic nanoparticle-based SELEX for efficient evolution of saponin-binding aptamers.. <i>RSC Advances</i> , 2021 , 11, 8775-8781 | 3.7 | 1 |
| 2 | Molecularly imprinted upconversion nanoparticles for active tumor targeting and microinvasive photothermal therapy. <i>Journal of Materials Science</i> , 2022 , 57, 5177-5197 | 4.3 | 0 |
| 1 | Diboronic acid assisted labeling and separation for highly efficient analysis of saccharides.. <i>Journal of Chromatography A</i> , 2022 , 1667, 462908 | 4.5 | 0 |