Yang Chen

List of Publications by Year in Descending Order

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	Molecularly imprinted upconversion nanoparticles for active tumor targeting and microinvasive photothermal therapy. *Journal of Materials Science*, **2022**, 57, 5177-5197	4.3	0
29	Diboronic acid assisted labeling and separation for highly efficient analysis of saccharides.. *Journal of Chromatography A*, **2022**, 1667, 462908	4.5	0
28	Dendritic Mesoporous Silica Nanospheres: Toward the Ultimate Minimum Particle Size for Ultraefficient Liquid Chromatographic Separation. *ACS Applied Materials & Interfaces*, **2021**, 13, 22970-22977	9.5	4
27	PEI-assisted boronate affinity magnetic nanoparticle-based SELEX for efficient evolution of saponin-binding aptamers.. *RSC Advances*, **2021**, 11, 8775-8781	3.7	1
26	Selective analysis of interferon-alpha in human serum with boronate affinity oriented imprinting based plastic antibody. *Talanta*, **2021**, 230, 122338	6.2	2
25	Dual boronate affinity nanoparticles-based plasmonic immunosandwich assay for specific and sensitive detection of ginsenosides. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 234, 118258	4.4	4
24	Crystalline MOF nanofilm-based SALDI-MS array for determination of small molecules. *Mikrochimica Acta*, **2020**, 187, 326	5.8	5
23	Preparing molecularly imprinted nanoparticles of saponins via cooperative imprinting strategy. *Journal of Separation Science*, **2020**, 43, 2162-2171	3.4	7
22	Recent advances of boronate affinity materials in sample preparation. *Analytica Chimica Acta*, **2019**, 1076, 1-17	6.6	40
21	Boronate affinity Metal-Organic frameworks for highly efficient cis-diol molecules in-situ enrichment and surface-assisted laser desorption/ionization mass spectrometric detection. *Analytica Chimica Acta*, **2019**, 1065, 40-48	6.6	27
20	Preparation of salbutamol imprinted magnetic nanoparticles via boronate affinity oriented surface imprinting for the selective analysis of trace salbutamol residues. *Analyst, The*, **2019**, 144, 3128-3135	5	21
19	Boronate affinity mesoporous silica nanoparticle based selective enrichment for highly efficient analysis of ginsenosides. *Analytical Methods*, **2019**, 11, 5673-5679	3.2	3
18	Precision Imprinting of Glycopeptides for Facile Preparation of Glycan-Specific Artificial Antibodies. *Analytical Chemistry*, **2018**, 90, 9845-9852	7.8	46
17	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. *Journal of Chromatography A*, **2017**, 1498, 56-63	4.5	14
16	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. *Analytical Chemistry*, **2016**, 88, 1447-54	7.8	78
15	Multimodal Plasmonic Assay of Copper(II) Ion via Stimuli-Responsive State Transformation of Silver Molecular Nanoparticles. *Analytical Chemistry*, **2016**, 88, 8123-8	7.8	18
14	Highly Efficient Solid-Phase Labeling of Saccharides within Boronic Acid Functionalized Mesoporous Silica Nanoparticles. *Angewandte Chemie*, **2015**, 127, 6271-6274	3.6	5

13	Boronate affinity materials for separation and molecular recognition: structure, properties and applications. *Chemical Society Reviews*, **2015**, 44, 8097-123	58.5	337
12	Boronate-Affinity Glycan-Oriented Surface Imprinting: A New Strategy to Mimic Lectins for the Recognition of an Intact Glycoprotein and Its Characteristic Fragments. *Angewandte Chemie - International Edition*, **2015**, 54, 10211-5	16.4	249
11	Highly Efficient Solid-Phase Labeling of Saccharides within Boronic Acid Functionalized Mesoporous Silica Nanoparticles. *Angewandte Chemie - International Edition*, **2015**, 54, 6173-6	16.4	36
10	Boronate-Affinity Glycan-Oriented Surface Imprinting: A New Strategy to Mimic Lectins for the Recognition of an Intact Glycoprotein and Its Characteristic Fragments. *Angewandte Chemie*, **2015**, 127, 10349-10353	3.6	19
9	Dual-template docking oriented molecular imprinting: a facile strategy for highly efficient imprinting within mesoporous materials. *Chemical Communications*, **2015**, 51, 10929-32	5.8	51
8	Insights into the effect of nanoconfinement on molecular interactions. *Nanoscale*, **2014**, 6, 9563-7	7.7	38
7	A boronate affinity sandwich assay: an appealing alternative to immunoassays for the determination of glycoproteins. *Angewandte Chemie - International Edition*, **2014**, 53, 10386-9	16.4	199
6	A Boronate Affinity Sandwich Assay: An Appealing Alternative to Immunoassays for the Determination of Glycoproteins. *Angewandte Chemie*, **2014**, 126, 10554-10557	3.6	11
5	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. *Analytica Chimica Acta*, **2014**, 834, 1-8	6.6	64
4	Efficient selection of glycoprotein-binding DNA aptamers via boronate affinity monolithic capillary. *Analytical Chemistry*, **2013**, 85, 8277-83	7.8	51
3	Composite of CdTe quantum dots and molecularly imprinted polymer as a sensing material for cytochrome c. *Biosensors and Bioelectronics*, **2011**, 26, 2553-8	11.8	184
2	Solvent Effects on the Assembly of [Cu2I2]- or [Cu4I4]-Based Coordination Polymers: Isolation, Structures, and Luminescent Properties. *Crystal Growth and Design*, **2008**, 8, 3810-3816	3.5	123
1	High Throughput Blood Analysis Based on Deep Learning Algorithm and Self-Positioning Super-Hydrophobic SERS Platform for Non-Invasive Multi-Disease Screening. *Advanced Functional Materials*,2103382	15.6	12