

Jingwu Kang

List of Publications by Year in descending order

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44
papers

927
citations

430874

18
h-index

477307

29
g-index

51
all docs

51
docs citations

51
times ranked

1052
citing authors

#	ARTICLE	IF	CITATIONS
1	A silica monolithic column prepared by the sol-gel process for enantiomeric separation by capillary electrochromatography. <i>Electrophoresis</i> , 2002, 23, 1116-1120.	2.4	89
2	Screening and Identifying a Novel ssDNA Aptamer against Alpha-fetoprotein Using CE-SELEX. <i>Scientific Reports</i> , 2015, 5, 15552.	3.3	83
3	Recent progress in enantiomeric separation by capillary electrochromatography. <i>Electrophoresis</i> , 2002, 23, 4005-4021.	2.4	69
4	Immobilized capillary enzyme reactor based on layer-by-layer assembling acetylcholinesterase for inhibitor screening by CE. <i>Electrophoresis</i> , 2007, 28, 2981-2987.	2.4	63
5	Structural Analysis of Low Molecular Weight Heparin by Ultraperformance Size Exclusion Chromatography/Time of Flight Mass Spectrometry and Capillary Zone Electrophoresis. <i>Analytical Chemistry</i> , 2013, 85, 1819-1827.	6.5	54
6	A Mechanistic Study of Enantiomeric Separation with Vancomycin and Balhimycin as Chiral Selectors by Capillary Electrophoresis. Dimerization and Enantioselectivity. <i>Analytical Chemistry</i> , 2004, 76, 2387-2392.	6.5	43
7	A highly sensitive method for enantioseparation of fenoprofen and amino acid derivatives by capillary electrophoresis with on-line sample preconcentration. <i>Journal of Chromatography A</i> , 2011, 1218, 1775-1779.	3.7	33
8	Fast enantiomeric separation with vancomycin as chiral additive by co-electroosmotic flow capillary electrophoresis: Increase of the detection sensitivity by the partial filling technique. <i>Electrophoresis</i> , 2003, 24, 2674-2679.	2.4	30
9	Enantioseparation by CE with vancomycin as chiral selector: Improving the separation performance by dynamic coating of the capillary with poly(dimethylacrylamide). <i>Electrophoresis</i> , 2007, 28, 938-943.	2.4	28
10	Improved capillary electrophoresis frontal analysis by dynamically coating the capillary with polyelectrolyte multilayers. <i>Journal of Chromatography A</i> , 2012, 1238, 146-151.	3.7	28
11	Screening of protein kinase inhibitors in natural extracts by capillary electrophoresis combined with liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1337, 188-193.	3.7	28
12	Hexokinase inhibitor screening based on adenosine 5'-diphosphate determination by electrophoretically mediated microanalysis. <i>Electrophoresis</i> , 2009, 30, 1349-1354.	2.4	26
13	Evaluation of balhimycin as a chiral selector for enantioresolution by capillary electrophoresis. <i>Electrophoresis</i> , 2004, 25, 2687-2692.	2.4	25
14	Screening of Small-Molecule Inhibitors of Protein-Protein Interaction with Capillary Electrophoresis Frontal Analysis. <i>Analytical Chemistry</i> , 2016, 88, 8050-8057.	6.5	25
15	Screening of epidermal growth factor receptor inhibitors in natural products by capillary electrophoresis combined with high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1400, 117-123.	3.7	24
16	Preparation of phosphorylcholine-based hydrophilic monolithic column and application for analysis of drug-related impurities with capillary electrochromatography. <i>Electrophoresis</i> , 2016, 37, 1725-1732.	2.4	21
17	Determination of the stereoisomeric impurities of sitafloxacin by capillary electrophoresis with dual chiral additives. <i>Journal of Chromatography A</i> , 2017, 1506, 120-127.	3.7	21
18	Screening of mammalian target of rapamycin inhibitors in natural product extracts by capillary electrophoresis in combination with high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1388, 267-273.	3.7	20

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19	Second messenger Ap4A polymerizes target protein HINT1 to transduce signals in FcγRI-activated mast cells. <i>Nature Communications</i> , 2019, 10, 4664.	12.8	19
20	Separation of twelve posaconazole related stereoisomers by multiple heart-cutting chiral two-dimensional liquid chromatography. <i>Journal of Chromatography A</i> , 2020, 1618, 460845.	3.7	19
21	Separation of atropisomers of anti-hepatitis drug dimethyl diphenyl bicarboxylate analogues by capillary electrophoresis with vancomycin as the chiral selector. <i>Journal of Chromatography A</i> , 2006, 1108, 145-148.	3.7	17
22	A gold foil covered fused silica capillary tip as a sheathless interface for coupling capillary electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1624, 461215.	3.7	13
23	Probing Protein-Protein Interactions with Label-Free Mass Spectrometry Quantification in Combination with Affinity Purification by Spin-Tip Affinity Columns. <i>Analytical Chemistry</i> , 2020, 92, 3913-3922.	6.5	13
24	Screening of break point cluster region Abelson tyrosine kinase inhibitors by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2018, 1537, 128-134.	3.7	12
25	Preparation of a monolithic column with a mixed-mode stationary phase of reversed-phase/hydrophilic interaction for capillary liquid chromatography. <i>Journal of Separation Science</i> , 2019, 42, 662-669.	2.5	12
26	Preparation of a Sulfoalkylbetaine-Based Zwitterionic Monolith with Enhanced Hydrophilicity for Capillary Electrochromatography Separation Applications. <i>Chromatographia</i> , 2017, 80, 975-981.	1.3	8
27	Screening of inhibitors against histone demethylation jumonji domain-containing protein 3 by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2020, 1613, 460625.	3.7	8
28	Drug Target Identification Using Affinity Core-Shell Magnetic Nanoparticles and Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2013, 31, 715-720.	4.9	6
29	Profiling of drug binding proteins by monolithic affinity chromatography in combination with liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1359, 84-90.	3.7	6
30	Screening inhibitors for blocking UHRF1-methylated DNA interaction with capillary electrophoresis. <i>Journal of Chromatography A</i> , 2021, 1636, 461790.	3.7	6
31	Separation and Determination of Stereoisomeric Impurity of Folinic Acid Diastereomers by CE with Vancomycin as a Selector. <i>Chromatographia</i> , 2012, 75, 1211-1215.	1.3	5
32	Screening of histone deacetylase 1 inhibitors in natural products by capillary electrophoresis. <i>Analytical Methods</i> , 2017, 9, 5502-5508.	2.7	5
33	Determining the affinity of anti-mitotic compounds binding to colchicine binding site of tubulin by affinity probe capillary electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1121, 66-71.	2.3	5
34	Preparation of Novel Zwitterionic Monolith for Capillary Electrochromatography and Nano LC-MS Applications. <i>Chromatographia</i> , 2020, 83, 115-122.	1.3	5
35	Profiling Drug-Protein Interactions by Micro Column Affinity Purification Combined with Label Free Quantification Proteomics. <i>Chinese Journal of Chemistry</i> , 2020, 38, 1681-1685.	4.9	5
36	Determination of Sulfate Anions in Heparin by Capillary Electrophoresis with Improved Indirect UV Detection. <i>Chromatographia</i> , 2015, 78, 833-837.	1.3	4

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37	Quantitative analysis of antithrombin III binding site in low molecular weight heparins by exhaustive heparinases digestion and capillary electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1068-1069, 78-83.	2.3	4
38	Detection of 2,2'-Azobis(2-amidinopropane) Dihydrochloride in Polyvinylpyrrolidone by Capillary Electrophoresis with Field-Amplified Sample Injection. <i>Chromatographia</i> , 2019, 82, 1579-1583.	1.3	4
39	Enzyme Inhibitor Screening by CE with an On-Column Immobilized Enzyme Microreactor Created by an Ionic Binding Technique. <i>Methods in Molecular Biology</i> , 2013, 984, 321-327.	0.9	3
40	Preparation of Durable Emitter of Electrospray Mass Spectrometry by Covalently Coating the Fused-Silica Capillary Tip with Carbon-Nanotube Sol-Gel Composite Material. <i>Chinese Journal of Chemistry</i> , 2014, 32, 293-297.	4.9	3
41	Use of Macrocyclic Antibiotics as the Chiral Selectors in Capillary Electrophoresis. <i>Methods in Molecular Biology</i> , 2013, 970, 307-317.	0.9	2
42	Determination of Intracellular Concentration of Acyl-Coenzyme A Esters for Metabolic Profiling <i>Clostridium acetobutylicum</i> . <i>Chinese Journal of Chemistry</i> , 2010, 28, 988-992.	4.9	1
43	Quinacrine Depletes BCR-ABL and Suppresses Ph-Positive Leukemia Cells. <i>Cancer Investigation</i> , 2019, 37, 242-252.	1.3	1
44	Profiling Protein Interactions by Purification with Capillary Monolithic Affinity Column in Combination with Label-Free Quantitative Proteomics. <i>Journal of Chromatography A</i> , 2022, , 463273.	3.7	1