

Won Jo Cheong

List of Publications by Year in descending order

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57
papers

1,358
citations

471509

17
h-index

345221

36
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57
all docs

57
docs citations

57
times ranked

1314
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, column packing and liquid chromatography of molecularly imprinted polymers for the acid black 1, acid black 210, and acid Brown 703 dyes. <i>RSC Advances</i> , 2022, 12, 19611-19623.	3.6	5
2	Particle packed mixed-mode chromatographic stationary phase for the separation of peptide in liquid chromatography. <i>Journal of Separation Science</i> , 2021, 44, 1430-1439.	2.5	6
3	Preparation and Evaluation of 2m Long Open Tubular Capillary Columns of 50µm Internal Diameter for Separation of Peptides in Liquid Chromatography. <i>Chromatographia</i> , 2021, 84, 257-266.	1.3	2
4	100 Micrometer bore open tubular capillary column modified with linear co-polymer chains for application in low pressure liquid chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2020, 43, 66-73.	1.0	3
5	Fabrication of permanent silver cement frit at the inlet of micro-columns: a significant progress toward realization of disposable micro-columns. <i>Acta Chromatographica</i> , 2020, 32, 22-27.	1.3	0
6	Development of Ground Organic Monolith Particles as Packing Material in High Performance Liquid Chromatography. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 241-244.	1.9	1
7	Ground Organic Particles of ca. 3µm Size as Chromatographic Separation Media in High Performance Liquid Chromatography. <i>Chromatographia</i> , 2020, 83, 739-748.	1.3	1
8	Development of a New Solid Phase Extraction Cartridge Filled with Organic Monolith Particles for Extraction of dialkyl Phthalates. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 96-99.	1.9	0
9	Disposable Microcolumn with a Welded Metal Frit and a Silver Cement Frit. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 578-581.	1.9	1
10	An optimized mixed-mode stationary phase based on silica monolith particles for the separation of peptides and proteins in high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2019, 42, 3621-3630.	2.5	9
11	Demonstration of high separation efficiency for polystyrene-modified sub-1 µm particles originating from silica monolith under isocratic elution mode in liquid chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2019, 42, 662-672.	1.0	3
12	Styrene- <i>N</i> -phenylacrylamide copolymer modified silica monolith particles with an optimized mixing ratio of monomers as a new stationary phase for the separation of peptides in high performance liquid chromatography. <i>Journal of Separation Science</i> , 2019, 42, 2612-2620.	2.5	3
13	Polystyrene bound silica monolith particles of reduced size as stationary phase of excellent separation efficiency in high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2019, 1594, 72-81.	3.7	15
14	Open tubular capillary column of 50µm internal diameter with a very high separation efficiency for the separation of peptides in CEC and LC. <i>Journal of Separation Science</i> , 2017, 40, 2654-2661.	2.5	12
15	Sedimentation assisted preparation of ground particles of silica monolith and their C18 modification resulting in a chromatographic phase of improved separation efficiency. <i>Journal of Chromatography A</i> , 2017, 1525, 79-86.	3.7	18
16	Production of Raw and Ligand-modified Silica Monolith Particles in an Enhanced Scale and their Application in High Performance Liquid Chromatography. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 919-927.	1.9	8
17	Disposable microcolumns with welded metal frits. <i>Journal of Separation Science</i> , 2016, 39, 243-246.	2.5	4
18	Polyether ether ketone encased monolith frits made of polyether ether ketone tubing with a 0.25 mm opening resulting in an improved separation performance in liquid chromatography. <i>Journal of Separation Science</i> , 2016, 39, 1799-1803.	2.5	3

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19	High Efficiency Robust Open Tubular Capillary Electrochromatography Column for the Separation of Peptides. Bulletin of the Korean Chemical Society, 2016, 37, 1374-1377.	1.9	8
20	Cheap C ₁₈ -modified Silica Monolith Particles as HPLC Stationary Phase of Good Separation Efficiency. Bulletin of the Korean Chemical Society, 2015, 36, 1733-1736.	1.9	8
21	Open tubular capillary electrochromatography with an N-phenylacrylamide-styrene copolymer-based stationary phase for the separation of anomers of glucose and structural isomers of maltotriose. Journal of Separation Science, 2015, 38, 1763-1770.	2.5	15
22	Open tubular capillary column for the separation of cytochrome C tryptic digest in capillary electrochromatography. Journal of Separation Science, 2015, 38, 3645-3654.	2.5	16
23	Organic monolith frits encased in polyether ether ketone tubing with improved durability for liquid chromatography. Journal of Separation Science, 2015, 38, 2938-2944.	2.5	7
24	C ₁₈ -bound porous silica monolith particles as a low-cost high-performance liquid chromatography stationary phase with an excellent chromatographic performance. Journal of Separation Science, 2014, 37, 3426-3434.	2.5	15
25	Fritting techniques in chromatography. Journal of Separation Science, 2014, 37, 603-617.	2.5	28
26	Catalyst assisted synthesis of initiator attached silica monolith particles via isocyanate-hydroxyl reaction for production of polystyrene bound chromatographic stationary phase of excellent separation efficiency. Journal of Chromatography A, 2014, 1324, 115-120.	3.7	22
27	An Open Tubular CEC Column of Excellent Separation Efficiency for Proteomic Analysis. Bulletin of the Korean Chemical Society, 2014, 35, 3115-3118.	1.9	11
28	Porous Silica Particles As Chromatographic Separation Media: A Review. Bulletin of the Korean Chemical Society, 2014, 35, 3465-3474.	1.9	8
29	Immobilization of Styrene-acrylamide Co-polymer on Either Silica Particles or Inner Surface of Silica Capillary for the Separation of D-Glucose Anomers. Bulletin of the Korean Chemical Society, 2014, 35, 539-545.	1.9	8
30	Ground Organic Monolith Particles Having a Large Volume of Macropores as Chromatographic Separation Media. Bulletin of the Korean Chemical Society, 2014, 35, 2033-2037.	1.9	4
31	Polystyrene bound stationary phase of excellent separation efficiency based on partially sub-2 μm silica monolith particles. Journal of Chromatography A, 2013, 1303, 9-17.	3.7	21
32	Comprehensive overview of recent preparation and application trends of various open tubular capillary columns in separation science. Journal of Chromatography A, 2013, 1308, 1-24.	3.7	72
33	Molecular imprinted polymers for separation science: A review of reviews. Journal of Separation Science, 2013, 36, 609-628.	2.5	426
34	Open Tubular Molecular Imprinted Phases in Chiral Capillary Electrochromatography. Methods in Molecular Biology, 2013, 970, 469-487.	0.9	5
35	Recent applications of molecular imprinted polymers for enantio-selective recognition. Talanta, 2013, 106, 45-59.	5.5	87
36	Ground Organic Monolith Particles as Chromatographic Separation Media. Bulletin of the Korean Chemical Society, 2013, 34, 291-294.	1.9	3

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37	Examination of Template Structural Effects on CEC Chiral Separation Performance of Molecule Imprinted Polymers Made by a Generalized Preparation Protocol. <i>Chromatographia</i> , 2011, 73, 517-525.	1.3	23
38	Analysis of phospholipids using an open-tubular capillary column with a monolithic layer of molecularly imprinted polymer in capillary electrochromatography-electrospray ionization-tandem mass spectrometry. <i>Electrophoresis</i> , 2011, 32, 2167-2173.	2.4	42
39	Open tubular capillary columns with basic templates made by the generalized preparation protocol in capillary electrochromatography chiral separation and template structural effects on chiral separation capability. <i>Journal of Chromatography A</i> , 2011, 1218, 1291-1299.	3.7	46
40	Preparation of open tubular molecule imprinted polymer capillary columns with various templates by a generalized procedure and their chiral and non-chiral separation performance in CEC. <i>Electrophoresis</i> , 2010, 31, 1019-1028.	2.4	45
41	Use of chain transfer agent attached to silica particles in preparation of polystyrene-based stationary phases. <i>Journal of Separation Science</i> , 2010, 33, 587-593.	2.5	17
42	Gas chromatography-mass spectrometric method for the screening and quantification of illicit drugs and their metabolites in human urine using solid-phase extraction and trimethylsilyl derivatization. <i>Journal of Separation Science</i> , 2010, 33, 1767-1778.	2.5	12
43	Long open tubular molecule imprinted polymer capillary columns with excellent separation efficiencies in chiral and non-chiral separation by capillary electrochromatography. <i>Electrophoresis</i> , 2009, 30, 1603-1607.	2.4	49
44	Open tubular layer of S-ofloxacin imprinted polymer fabricated in silica capillary for chiral CEC separation. <i>Journal of Separation Science</i> , 2009, 32, 996-1001.	2.5	41
45	Preparation of an open-tubular capillary column with a monolithic layer of S-ketoprofen imprinted and 4-styrenesulfonic acid incorporated polymer and its enhanced chiral separation performance in capillary electrochromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 2947-2952.	3.7	71
46	Robust open tubular layer of S-ketoprofen imprinted polymer for chiral LC separation. <i>Journal of Separation Science</i> , 2008, 31, 2962-2970.	2.5	29
47	Development of SPE for recovery of polysaccharides and its application to the determination of monosaccharides composition of the polysaccharide sample of a lactobacillus KLB 58. <i>Journal of Separation Science</i> , 2007, 30, 1509-1515.	2.5	5
48	Ground, sieved, and C18 modified monolithic silica particles for packing material of microcolumn high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2007, 1144, 269-274.	3.7	22
49	Metal tubing/frit with a sintered frit of silica particles and a chromatography column with such tubing/frits. <i>Journal of Chromatography A</i> , 2005, 1066, 231-237.	3.7	11
50	Thermodynamic Study of Enantioseparation of Arylpropionic Acids with a Chiralcel OJ Stationary Phase. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 513-526.	1.0	11
51	A Simplified Molecular Mechanics Calculation of Enantioseparation of Arylpropionic Acids in Chirex 3001 Stationary Phase. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 17-25.	1.0	1
52	Thermodynamic Study of Enantioseparation of Arylpropionic Acids with the Chirex 3001 Stationary Phase. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004, 27, 595-610.	1.0	7
53	RAPID DETERMINATION OF WATER-SOLUBLE B GROUP VITAMINS IN URINE BY GRADIENT LC/MS WITH A DISPOSABLE HOME-MADE MICROCOLUMN. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2002, 25, 1367-1378.	1.0	16
54	Positional effect of solute functional group among positional isomers in hydroxyl group-solvent and carbonyl group-solvent specific interactions in methanol-water mixed solvents monitored by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2001, 910, 195-206.	3.7	5

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55	Thermodynamic properties for the solute transfer from the mobile to the stationary phase in reversed phase liquid chromatography obtained by squalane-impregnated C18 bonded phase. Journal of Chromatography A, 1999, 848, 9-20.	3.7	28
56	THE NON-DISPERSIVE FUNCTIONAL GROUP-SOLVENT INTERACTION MONITORED BY HPLC. Journal of Liquid Chromatography and Related Technologies, 1999, 22, 253-265.	1.0	10
57	Determination of Solvent Basicity Scale, β^2 , of Mixed Solvents for Three Chromatographic Solvent Systems: 2-Propanol/Hexane, Ethyl Acetate/Hexane, and Methanol/Water. Journal of Liquid Chromatography and Related Technologies, 1996, 19, 277-291.	1.0	9