# 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 g-index |
| 57 all docs | 57 docs citations | 57 times ranked | 1314 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Molecular imprinted polymers for separation science: A review of reviews. Journal of Separation Science, 2013, 36, 609-628. | 2.5 | 426 |
| 2 | Recent applications of molecular imprinted polymers for enantio-selective recognition. Talanta, 2013, 106, 45-59. | 5.5 | 87 |
| 3 | 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 |
| 4 | 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. Journal of Chromatography A, 2009, 1216, 2947-2952. | 3.7 | 71 |
| 5 | Long open tubular molecule imprinted polymer capillary columns with excellent separation efficiencies in chiral and nonâ€chiral separation by capillary electrochromatography. Electrophoresis, 2009, 30, 1603-1607. | 2.4 | 49 |
| 6 | 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. Journal of Chromatography A, 2011, 1218, 1291-1299. | 3.7 | 46 |
| 7 | Preparation of open tubular molecule imprinted polymer capillary columns with various templates by a generalized procedure and their chiral and nonâ€chiral separation performance in CEC. Electrophoresis, 2010, 31, 1019-1028. | 2.4 | 45 |
| 8 | Analysis of phospholipids using an openâ€tubular capillary column with a monolithic layer of molecularly imprinted polymer in capillary electrochromatographyâ€electrospray ionizationâ€tandem mass spectrometry. Electrophoresis, 2011, 32, 2167-2173. | 2.4 | 42 |
| 9 | Open tubular layer of Sâ€ofloxacin imprinted polymer fabricated in silica capillary for chiral CEC separation. Journal of Separation Science, 2009, 32, 996-1001. | 2.5 | 41 |
| 10 | Robust open tubular layer of Sâ€ketoprofen imprinted polymer for chiral LC separation. Journal of Separation Science, 2008, 31, 2962-2970. | 2.5 | 29 |
| 11 | 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 |
| 12 | Fritting techniques in chromatography. Journal of Separation Science, 2014, 37, 603-617. | 2.5 | 28 |
| 13 | Examination of Template Structural Effects on CEC Chiral Separation Performance of Molecule Imprinted Polymers Made by a Generalized Preparation Protocol. Chromatographia, 2011, 73, 517-525. | 1.3 | 23 |
| 14 | Ground, sieved, and C18 modified monolithic silica particles for packing material of microcolumn high-performance liquid chromatography. Journal of Chromatography A, 2007, 1144, 269-274. | 3.7 | 22 |
| 15 | 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 |
| 16 | Polystyrene bound stationary phase of excellent separation efficiency based on partially sub-2 Î¼m silica monolith particles. Journal of Chromatography A, 2013, 1303, 9-17. | 3.7 | 21 |
| 17 | Sedimentation assisted preparation of ground particles of silica monolith and their C18 modification resulting in a chromatographic phase of improved separation efficiency. Journal of Chromatography A, 2017, 1525, 79-86. | 3.7 | 18 |
| 18 | Use of chain transfer agent attached to silica particles in preparation of polystyreneâ€based stationary phases. Journal of Separation Science, 2010, 33, 587-593. | 2.5 | 17 |

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|---|---|---|---|
| 19 | RAPID DETERMINATION OF WATER-SOLUBLE B GROUP VITAMINS IN URINE BY GRADIENT LC/MS WITH A DISPOSABLE HOME-MADE MICROCOLUMN. Journal of Liquid Chromatography and Related Technologies, 2002, 25, 1367-1378. | 1.0 | 16 |
| 20 | 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 |
| 21 | C<sub>18</sub>â€bound porous silica monolith particles as a lowâ€cost highâ€performance liquid chromatography stationary phase with an excellent chromatographic performance. Journal of Separation Science, 2014, 37, 3426-3434. | 2.5 | 15 |
| 22 | Open tubular capillary electrochromatography with an Nâ€phenylacrylamideâ€styrene copolymerâ€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 |
| 23 | Polystyrene bound silica monolith particles of reduced size as stationary phase of excellent separation efficiency in high performance liquid chromatograhy. Journal of Chromatography A, 2019, 1594, 72-81. | 3.7 | 15 |
| 24 | Gas chromatographyâ€mass spectrometric method for the screening and quantification of illicit drugs and their metabolites in human urine using solidâ€phase extraction and trimethylsilyl derivatization. Journal of Separation Science, 2010, 33, 1767-1778. | 2.5 | 12 |
| 25 | Open tubular capillary column of 50ÂÎ¼m internal diameter with a very high separation efficiency for the separation of peptides in CEC and LC. Journal of Separation Science, 2017, 40, 2654-2661. | 2.5 | 12 |
| 26 | Metal tubing/frit with a sintered frit of silica particles and a chromatography column with such tubing/frits. Journal of Chromatography A, 2005, 1066, 231-237. | 3.7 | 11 |
| 27 | Thermodynamic Study of Enantioseparation of Arylpropionic Acids with a Chiralcel OJâ€H Stationary Phase. Journal of Liquid Chromatography and Related Technologies, 2005, 28, 513-526. | 1.0 | 11 |
| 28 | 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 |
| 29 | THE NON-DISPERSIVE FUNCTIONAL GROUP-SOLVENT INTERACTION MONITORED BY HPLC. Journal of Liquid Chromatography and Related Technologies, 1999, 22, 253-265. | 1.0 | 10 |
| 30 | Determination of Solvent Basicity Scale, Î², 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 |
| 31 | An optimized mixedâ€mode stationary phase based on silica monolith particles for the separation of peptides and proteins in highâ€performance liquid chromatography. Journal of Separation Science, 2019, 42, 3621-3630. | 2.5 | 9 |
| 32 | Cheap <scp>C18</scp>â€modified Silica Monolith Particles as <scp>HPLC</scp> Stationary Phase of Good Separation Efficiency. Bulletin of the Korean Chemical Society, 2015, 36, 1733-1736. | 1.9 | 8 |
| 33 | 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 |
| 34 | Production of Raw and Ligandâ€modified Silica Monolith Particles in an Enhanced Scale and their Application in High Performance Liquid Chromatography. Bulletin of the Korean Chemical Society, 2017, 38, 919-927. | 1.9 | 8 |
| 35 | Porous Silica Particles As Chromatographic Separation Media: A Review. Bulletin of the Korean Chemical Society, 2014, 35, 3465-3474. | 1.9 | 8 |
| 36 | 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 |

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| 37 | Thermodynamic Study of Enantioseparation of Arylpropionic Acids with the Chirex 3001 Stationary Phase. Journal of Liquid Chromatography and Related Technologies, 2004, 27, 595-610. | 1.0 | 7 |
| 38 | 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 |
| 39 | Particle packed mixedâ€mode chromatographic stationary phase for the separation of peptide in liquid chromatography. Journal of Separation Science, 2021, 44, 1430-1439. | 2.5 | 6 |
| 40 | Positional effect of solute functional group among positional isomers in hydroxyl groupâ€“solvent and carbonyl groupâ€“solvent specific interactions in methanolâ€“water mixed solvents monitored by high-performance liquid chromatography. Journal of Chromatography A, 2001, 910, 195-206. | 3.7 | 5 |
| 41 | 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. Journal of Separation Science, 2007, 30, 1509-1515. | 2.5 | 5 |
| 42 | Open Tubular Molecular Imprinted Phases in Chiral Capillary Electrochromatography. Methods in Molecular Biology, 2013, 970, 469-487. | 0.9 | 5 |
| 43 | Synthesis, column packing and liquid chromatography of molecularly imprinted polymers for the acid black 1, acid black 210, and acid Brown 703 dyes. RSC Advances, 2022, 12, 19611-19623. | 3.6 | 5 |
| 44 | Disposable microcolumns with welded metal frits. Journal of Separation Science, 2016, 39, 243-246. | 2.5 | 4 |
| 45 | 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 |
| 46 | 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. Journal of Separation Science, 2016, 39, 1799-1803. | 2.5 | 3 |
| 47 | Demonstration of high separation efficiency for polystyrene-modified sub-1 Âµm particles originating from silica monolith under isocratic elution mode in liquid chromatography. Journal of Liquid Chromatography and Related Technologies, 2019, 42, 662-672. | 1.0 | 3 |
| 48 | Styreneâ€Nâ€phenylacrylamide coâ€polymer 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. Journal of Separation Science, 2019, 42, 2612-2620. | 2.5 | 3 |
| 49 | 100 Micrometer bore open tubular capillary column modified with linear co-polymer chains for application in low pressure liquid chromatography. Journal of Liquid Chromatography and Related Technologies, 2020, 43, 66-73. | 1.0 | 3 |
| 50 | Ground Organic Monolith Particles as Chromatographic Separation Media. Bulletin of the Korean Chemical Society, 2013, 34, 291-294. | 1.9 | 3 |
| 51 | Preparation and Evaluation of 2Âm Long Open Tubular Capillary Columns of 50ÂÎ¼m Internal Diameter for Separation of Peptides in Liquid Chromatography. Chromatographia, 2021, 84, 257-266. | 1.3 | 2 |
| 52 | A Simplified Molecular Mechanics Calculation of Enantioseparation of Arylpropionic Acids in Chirex 3001 Stationary Phase. Journal of Liquid Chromatography and Related Technologies, 2005, 28, 17-25. | 1.0 | 1 |
| 53 | Disposable Microcolumn with a Welded Metal Frit and a Silver Cement Frit. Bulletin of the Korean Chemical Society, 2019, 40, 578-581. | 1.9 | 1 |
| 54 | Development of Ground Organic Monolith Particles as Packing Material in High Performance Liquid Chromatography. Bulletin of the Korean Chemical Society, 2020, 41, 241-244. | 1.9 | 1 |

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|---|---|---|---|
| 55 | Ground Organic Particles of ca. 3ÂÎ¼m Size as Chromatographic Separation Media in High Performance Liquid Chromatography. Chromatographia, 2020, 83, 739-748. | 1.3 | 1 |
| 56 | Fabrication of permanent silver cement frit at the inlet of micro-columns: a significant progress toward realization of disposable micro-columns. Acta Chromatographica, 2020, 32, 22-27. | 1.3 | 0 |
| 57 | Development of a New Solid Phase Extraction Cartridge Filled with Organic Monolith Particles for Extraction of diâ€Alkyl Phthalates. Bulletin of the Korean Chemical Society, 2020, 41, 96-99. | 1.9 | 0 |