

# Wonjae Lee

## List of Publications by Year in descending order

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54  
papers

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471509

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434195

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docs citations

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times ranked

591  
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#	ARTICLE	IF	CITATIONS
1	Comprehensive Targeted Metabolomic Study in the Lung, Plasma, and Urine of PPE/LPS-Induced COPD Mice Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2748.	4.1	4
2	Simultaneous enantioselective separation method for thyroid hormones using liquid chromatography-tandem mass spectrometry and its applications. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 196, 113904.	2.8	3
3	Metabolomic analysis of amino acids and organic acids in aging mouse eyes using gas chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2021, , e5298.	1.7	1
4	Stereoselective Determination of Thyroxine Enantiomers on Chiral Crown Ether Column by UPLC-tandem Mass Spectrometry. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 563-566.	1.9	4
5	Tranexamic Acid Analysis as Ethoxycarbonyl-tert-butyl dimethylsilyl Derivatives by Gas Chromatography-tandem Mass Spectrometry. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 336-340.	1.9	0
6	Enantiodiscrimination Using a Chiral Crown Ether as a Chiral Solvating Agent Using NMR Spectroscopy. <i>Natural Product Communications</i> , 2019, 14, 1934578X1984919.	0.5	3
7	Characterization of Ripening Bananas by Monitoring the Amino Acid Composition by Gas Chromatography-mass Spectrometry With Selected Ion Monitoring and Star Pattern Analysis. <i>Analytical Letters</i> , 2019, 52, 2496-2505.	1.8	4
8	Application of an (18-Crown-6)-2,3,11,12-Tetracarboxylic Acid-Based Chiral Stationary Phase in Capillary Electrochromatography. <i>Methods in Molecular Biology</i> , 2019, 1985, 445-452.	0.9	0
9	Determination of Chemical and Enantiomeric Purity of $\pm$ -Amino Acids and their Methyl Esters as N-Fluorenylmethoxycarbonyl Derivatives Using Amylose-derived Chiral Stationary Phases. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 332-338.	1.9	5
10	Chiral separation using chiral crown ethers as chiral selectors in chirotechnology. <i>Journal of Pharmaceutical Investigation</i> , 2018, 48, 225-231.	5.3	19
11	Liquid Chromatographic Enantiomeric Separation of Chiral Aliphatic Amines Using 2-Hydroxynaphthaldehyde as a Derivatizing Agent on Polysaccharide-Derived Chiral Stationary Phases. <i>Chromatographia</i> , 2018, 81, 1337-1344.	1.3	4
12	Monitoring of Epidermal Growth Factor Degradation Products by High-Performance Liquid Chromatography. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 864-867.	1.9	1
13	Liquid chromatographic enantiomer separation of 1-naphthylamides of chiral acids using several amylose- and cellulose-derived chiral stationary phases. <i>Archives of Pharmacal Research</i> , 2017, 40, 350-355.	6.3	9
14	A Multifunctional and Possible Skin UV Protectant, (3R)-5-Hydroxymellein, Produced by an Endolichenic Fungus Isolated from <i>Parmotrema austrosinense</i> . <i>Molecules</i> , 2017, 22, 26.	3.8	14
15	Simultaneous Urinary Creatine and Creatinine Analysis by High Performance Liquid Chromatography. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 756-758.	1.9	2
16	A convenient and validated enantiomer separation of chiral aliphatic amines as nitrobenzoxadiazole derivatives on polysaccharide-derived chiral stationary phases under simultaneous ultraviolet and fluorescence detection. <i>Chirality</i> , 2016, 28, 789-794.	2.6	10
17	Marinopyrones A-D, $\pm$ -pyrones from marine-derived actinomycetes of the family Nocardioptaceae. <i>Tetrahedron Letters</i> , 2016, 57, 1997-2000.	1.4	18
18	Identification and discrimination of three common Aloe species by high performance liquid chromatography-tandem mass spectrometry coupled with multivariate analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1031, 163-171.	2.3	12

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19	A simple and simultaneous identification method for aloe, catechu and gambir by high performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 117, 73-78.	2.8	4
20	Chiral Profiling Analysis of $\beta$ -Blockers by Capillary Electrophoresis Using Dual Chiral Selectors. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 1340-1344.	1.9	8
21	Enantioseparation and chiral recognition of $\beta$ -amino acids and their derivatives on ( $\beta$ )-18-crown-6-tetracarboxylic acid bonded silica by capillary electrochromatography. <i>Archives of Pharmacal Research</i> , 2015, 38, 1499-1505.	6.3	7
22	Liquid Chromatographic Enantiomer Separation of $\beta$ -Amino Acid Esters as Nitrobenzoxadiazole Derivatives Using Polysaccharide-Derived Chiral Stationary Phases. <i>Journal of the Chosun Natural Science</i> , 2015, 8, 111-116.	0.0	2
23	CHIRAL RECOGNITION USING A CONFORMATIONALLY RIGID CHIRAL STATIONARY PHASE DERIVED FROM $\beta$ -AMINO- $\beta$ -CARPROLACTAM. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 2725-2732.	1.0	3
24	Deracemization of Racemic Amino Acids Using (R)- and (S)-Alanine Racemase Chiral Analogues as Chiral Converters. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 2186-2188.	1.9	1
25	Development and application of chiral crown ethers as selectors for chiral separation in high-performance liquid chromatography and nuclear magnetic resonance spectroscopy. <i>Journal of Chromatography A</i> , 2013, 1274, 1-5.	3.7	57
26	Enantiomer Separation of $\beta$ -Amino Acid Esters as Nitrobenzoxadiazole Derivatives Using Chiral Columns. <i>KSBB Journal</i> , 2013, 28, 423-427.	0.2	0
27	Preparation and determination of optical purity of $\beta$ -lysine modified peptide nucleic acid analogues. <i>Archives of Pharmacal Research</i> , 2012, 35, 517-522.	6.3	4
28	A convenient method for the enantiomeric separation of $\beta$ -amino acid esters as benzophenone imine Schiff base derivatives. <i>Archives of Pharmacal Research</i> , 2012, 35, 1015-1019.	6.3	12
29	Assessing chiral self-recognition using chiral stationary phases. <i>Tetrahedron</i> , 2011, 67, 7143-7147.	1.9	8
30	LIQUID CHROMATOGRAPHIC ENANTIOMER SEPARATION OF AMINO ACID ESTERS AS 9-ANTHRALDIMINE SCHIFF BASES USING POLYSACCHARIDE-DERIVED CHIRAL STATIONARY PHASES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2011, 34, 209-216.	1.0	7
31	Direct enantiomer separation of thyroxine in pharmaceuticals using crown ether type chiral stationary phase. <i>Archives of Pharmacal Research</i> , 2010, 33, 1419-1423.	6.3	13
32	Enantioseparation of $\beta$ -amino acids on an 18-crown-6-tetracarboxylic acid-bonded silica by capillary electrochromatography. <i>Journal of Chromatography A</i> , 2010, 1217, 1425-1428.	3.7	36
33	Comparative studies between covalently immobilized and coated chiral stationary phases based on polysaccharide derivatives for enantiomer separation of $\beta$ -protected $\beta$ -amino acids and their ester derivatives. <i>Chirality</i> , 2009, 21, 871-877.	2.6	32
34	Enantiomer Resolution of Nonsteroidal Anti-Inflammatory Drugs on Chiral Stationary Phases Derived from Polysaccharide Derivatives. <i>Chinese Journal of Analytical Chemistry</i> , 2008, 36, 1207-1211.	1.7	14
35	Enantioseparation of N-fluorenylmethoxycarbonyl $\beta$ -amino acids on polysaccharide-derived chiral stationary phases by reverse mode liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 46, 914-919.	2.8	23
36	Liquid Chromatographic Enantiomer Separation of N-Phthaloyl Protected $\beta$ -Amino Acids on Coated and Immobilized Chiral Stationary Phases Derived from Polysaccharide Derivatives. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2007, 30, 1-9.	1.0	32

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37	Liquid chromatographic enantiomer resolution of N-hydrazide derivatives of 2-aryloxypropionic acids on a crown ether derived chiral stationary phase. <i>Chirality</i> , 2007, 19, 120-123.	2.6	7
38	Comparison of several polysaccharide-derived chiral stationary phases for the enantiomer separation of N-fluorenylmethoxy-carbonyl $\pm$ -amino acids by hplc. <i>Archives of Pharmacal Research</i> , 2007, 30, 659-664.	6.3	6
39	Covalently Bonded and Coated Chiral Stationary Phases Derived from Polysaccharide Derivatives for Enantiomer Separation of N-fluorenylmethoxycarbonyl $\pm$ -Amino Acids with Fluorescence Detection. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2006, 29, 1793-1801.	1.0	19
40	Development of the Antipode of the Covalently Bonded Crown Ether Type Chiral Stationary Phase for the Advantage of the Reversal of Elution Order. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2006, 29, 841-848.	1.0	31
41	Comparison of enantiomer separation on two chiral stationary phases derived from (+)-18-crown-6-2,3,11,12-tetracarboxylic acid of the same chiral selector. <i>Microchemical Journal</i> , 2005, 80, 213-217.	4.5	25
42	Liquid chromatographic enantiomer resolution of N-fluorenylmethoxycarbonyl $\pm$ -amino acids and their ester derivatives on polysaccharide-derived chiral stationary phases. <i>Journal of Separation Science</i> , 2005, 28, 2057-2060.	2.5	8
43	Enantioseparation of aromatic amino acids and amino acid esters by capillary electrophoresis with crown ether and prediction of enantiomer migration orders by a three-dimensional quantitative structure-property relationship/comparative field analysis model. <i>Electrophoresis</i> , 2004, 25, 2755-2760.	2.4	27
44	Chiral discrimination studies of (+)-(18-crown-6)-2,3,11,12-tetracarboxylic acid by high-performance liquid chromatography and NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2004, 42, 389-395.	1.9	20
45	Liquid chromatographic resolution of gemifloxacin mesylate on a chiral stationary phase derived from crown ether. <i>Biomedical Chromatography</i> , 2002, 16, 356-360.	1.7	47
46	Chiral recognition of (18-crown-6)-tetracarboxylic acid as a chiral selector determined by NMR spectroscopy. <i>Perkin Transactions II RSC</i> , 2001, , 1685-1692.	1.1	67
47	CHROMATOGRAPHIC RESOLUTION OF $\beta$ -ACIDIC ANALYTES ON $\beta$ -ACIDIC CHIRAL STATIONARY PHASES. <i>Analytical Letters</i> , 2001, 34, 2785-2795.	1.8	0
48	LIQUID CHROMATOGRAPHIC RESOLUTION OF RACEMIC COMPOUNDS CONTAINING A PRIMARY AMINO GROUP ON A DYNAMIC CHIRAL STATIONARY PHASE DERIVED FROM CHIRAL CROWN ETHER. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000, 23, 2669-2682.	1.0	28
49	Direct liquid chromatographic enantiomer separation of new fluoroquinolones including gemifloxacin. <i>Journal of Chromatography A</i> , 2000, 879, 113-120.	3.7	65
50	Liquid chromatographic resolution of racemic amines and amino alcohols on a chiral stationary phase derived from crown ether. <i>Journal of Chromatography A</i> , 1999, 837, 75-82.	3.7	98
51	DIRECT LIQUID CHROMATOGRAPHIC ENANTIOMER SEPARATION OF N-tert-BUTOXYCARBONYL AND N-BENZYL-OXYCARBONYL $\pm$ -AMINO ACIDS USING POLYSACCHARIDE DERIVED CHIRAL STATIONARY PHASES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1999, 22, 523-530.	1.0	11
52	Effect of the Amide Connecting Tether Type of Pirkle-Concept Chiral Stationary Phases Derived from (S)-N-(3,5-Dinitrobenzoyl)Leucine on Enantiomeric Separations. <i>Analytical Letters</i> , 1999, 32, 423-432.	1.8	7
53	Liquid chromatographic resolution of racemic amino acids and their derivatives on a new chiral stationary phase based on crown ether. <i>Journal of Chromatography A</i> , 1998, 822, 155-161.	3.7	166
54	Liquid Chromatographic Resolution of Pyrethroid Acids and Their Esters on Chiral Stationary Phases. <i>Journal of High Resolution Chromatography</i> , 1998, 21, 189-192.	1.4	15