

# Zoltn Pataj

## List of Publications by Year in descending order

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28  
papers

821  
citations

430874

18  
h-index

501196

28  
g-index

28  
all docs

28  
docs citations

28  
times ranked

780  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of the Cyclic Lipopeptide Gacamide A by Genome Mining and Repair of the Defective GacA Regulator in <i>Pseudomonas fluorescens</i> Pf0-1. <i>Journal of Natural Products</i> , 2019, 82, 301-308.	3.0	38
2	Methods for the comprehensive structural elucidation of constitution and stereochemistry of lipopeptides. <i>Journal of Chromatography A</i> , 2016, 1428, 280-291.	3.7	28
3	The Novel Lipopeptide Poaeamide of the Endophyte <i>Pseudomonas poae</i> RE*1-1-14 Is Involved in Pathogen Suppression and Root Colonization. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 800-810.	2.6	105
4	High-performance liquid chromatographic separation of unusual $\beta$ -amino acid enantiomers in different chromatographic modes on Cinchona alkaloid-based zwitterionic chiral stationary phases. <i>Amino Acids</i> , 2015, 47, 2279-2291.	2.7	18
5	Unusual Temperature-Induced Retention Behavior of Constrained $\beta$ -Amino Acid Enantiomers on the Zwitterionic Chiral Stationary Phases ZWIX(+) and ZWIX(“). <i>Chirality</i> , 2014, 26, 385-393.	2.6	37
6	Effect of mobile phase composition on the liquid chromatographic enantioseparation of bulky monoterpene-based $\beta$ -amino acids by applying chiral stationary phases based on <i>Cinchona</i> alkaloid. <i>Journal of Separation Science</i> , 2014, 37, 1075-1082.	2.5	24
7	Enantiomeric Separation of Bicyclo[2.2.2]octane-Based $\beta$ -Amino- $\beta$ -Carboxylic Acids on Macrocyclic Glycopeptide Chiral Stationary Phases. <i>Chirality</i> , 2014, 26, 200-208.	2.6	11
8	Direct enantioseparation of underivatized aliphatic 3-hydroxyalkanoic acids with a quinine-based zwitterionic chiral stationary phase. <i>Journal of Chromatography A</i> , 2014, 1363, 101-108.	3.7	51
9	Determination of Acrylamide and Acrolein in Smoke from Tobacco and E-Cigarettes. <i>Chromatographia</i> , 2014, 77, 1145-1151.	1.3	28
10	Direct high-performance liquid chromatographic enantioseparation of secondary amino acids on Cinchona alkaloid-based chiral zwitterionic stationary phases. Unusual temperature behavior. <i>Journal of Chromatography A</i> , 2014, 1363, 169-177.	3.7	33
11	Enantioseparations by High-Performance Liquid Chromatography Using Macrocyclic Glycopeptide-Based Chiral Stationary Phases: An Overview. <i>Methods in Molecular Biology</i> , 2013, 970, 137-163.	0.9	14
12	Enantiomeric separation of nonproteinogenic amino acids by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2012, 1269, 94-121.	3.7	44
13	Recent advances in the direct and indirect liquid chromatographic enantioseparation of amino acids and related compounds: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 69, 28-41.	2.8	95
14	Macrocyclic Antibiotic Selectors in Direct HPLC Enantioseparations. <i>Separation and Purification Reviews</i> , 2012, 41, 207-249.	5.5	50
15	High-performance liquid chromatographic enantioseparation of amino compounds on newly developed cyclofructan-based chiral stationary phases. <i>Journal of Separation Science</i> , 2012, 35, 617-624.	2.5	23
16	High-performance liquid chromatographic enantioseparation of unusual isoxazoline-fused 2-aminocyclopentanecarboxylic acids on macrocyclic glycopeptide-based chiral stationary phases. <i>Journal of Chromatography A</i> , 2012, 1232, 142-151.	3.7	17
17	High-performance liquid chromatographic enantioseparation of 1-(phenylethylamino)- or 1-(naphthylethylamino)methyl-2-naphthol analogs and a temperature-induced inversion of the elution sequence on polysaccharide-based chiral stationary phases. <i>Journal of Chromatography A</i> , 2011, 1218, 4869-4876.	3.7	25
18	CE Enantioseparation of Betti Bases with Cyclodextrins and Crown Ether as Chiral Selectors. <i>Chromatographia</i> , 2010, 71, 115-119.	1.3	11

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19	LC Separation of $\hat{I}^3$ -Amino Acid Enantiomers. <i>Chromatographia</i> , 2010, 71, 13-19.	1.3	10
20	High-performance liquid chromatographic enantioseparation of monoterpene-based 2-amino carboxylic acids on macrocyclic glycopeptide-based phases. <i>Journal of Chromatography A</i> , 2010, 1217, 6956-6963.	3.7	29
21	Comparison of separation performances of amylose- and cellulose-based stationary phases in the high-performance liquid chromatographic enantioseparation of stereoisomers of $\hat{I}^2$ -lactams. <i>Chirality</i> , 2010, 22, 120-128.	2.6	12
22	High-performance liquid chromatographic enantioseparation of $\hat{I}^2$ -amino acids using a long-tethered (+)-(18-crown-6)-2,3,11,12-tetracarboxylic acid-based chiral stationary phase. <i>Journal of Chromatography A</i> , 2010, 1217, 1075-1082.	3.7	18
23	High-performance liquid chromatographic enantioseparation of aminonaphthol analogs on polysaccharide-based chiral stationary phases. <i>Journal of Chromatography A</i> , 2010, 1217, 2980-2985.	3.7	11
24	High-performance liquid chromatographic chiral separation of $\hat{I}^{2<sup>2</sup>}$ -homoamino acids. <i>Chirality</i> , 2009, 21, 787-798.	2.6	15
25	Comparison of Separation Performances of Cellulose-Based Chiral Stationary Phases in LC Enantioseparation of Aminonaphthol Analogues. <i>Chromatographia</i> , 2009, 70, 723-729.	1.3	12
26	Comparison of performance of Chirobiotic T, T2 and TAG columns in the separation of $\hat{I}^{2<sup>2</sup>}$ and $\hat{I}^{2<sup>3</sup>}$ -homoamino acids. <i>Journal of Separation Science</i> , 2008, 31, 3688-3697.	2.5	25
27	High-performance liquid chromatographic enantioseparation of $\hat{I}^2$ -3-homo-amino acid stereoisomers on a (+)-(18-crown-6)-2,3,11,12-tetracarboxylic acid-based chiral stationary phase. <i>Journal of Chromatography A</i> , 2008, 1189, 285-291.	3.7	27
28	LC Enantioseparation of $\hat{I}^2$ -Amino Acids on a Crown Ether-Based Stationary Phase. <i>Chromatographia</i> , 2008, 68, 13-18.	1.3	10