

Emmanuelle Lipka

List of Publications by Year in descending order

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papers

864
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566801

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Preparative supercritical fluid chromatography: A powerful tool for chiral separations. <i>Journal of Chromatography A</i> , 2016, 1467, 33-55.	1.8	153
2	Separation of enantiomers of native amino acids with polysaccharide-based chiral columns in supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2019, 1585, 207-212.	1.8	53
3	Involvement of the P2X7 Purinergic Receptor in Inflammation: An Update of Antagonists Series Since 2009 and their Promising Therapeutic Potential. <i>Current Medicinal Chemistry</i> , 2015, 22, 713-729.	1.2	43
4	Design and synthesis of 3-phenyl tetrahydronaphthalenic derivatives as new selective MT2 melatonergic ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 753-759.	1.4	36
5	Recent developments in preparative-scale supercritical fluid- and liquid chromatography for chiral separations. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 133, 116090.	5.8	27
6	Pyroglutamide-Based P2X7 Receptor Antagonists Targeting Inflammatory Bowel Disease. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2074-2094.	2.9	24
7	Diastereomeric resolution of nucleoside analogues, new potential antiviral agents, using high-performance liquid chromatography on polysaccharide-type chiral stationary phases. <i>Journal of Chromatography A</i> , 2002, 943, 91-100.	1.8	22
8	4-Oxo-1,4-dihydropyridines as Selective CB ₂ Cannabinoid Receptor Ligands Part 2: Discovery of New Agonists Endowed with Protective Effect Against Experimental Colitis. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8948-8952.	2.9	21
9	Enantiomeric analysis of baclofen analogs by capillary zone electrophoresis, using highly sulfated cyclodextrins: Inclusion ionization constant pKa determination. <i>Electrophoresis</i> , 2005, 26, 2974-2983.	1.3	20
10	Design of experiments for enantiomeric separation in supercritical fluid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 120, 297-305.	1.4	20
11	Dual CD system in capillary electrophoresis for direct separation of the four stereoisomers of agonist and antagonist melatonergic ligands. <i>Electrophoresis</i> , 2010, 31, 1529-1532.	1.3	19
12	Enantioseparation of pyroglutamide derivatives on polysaccharide based chiral stationary phases by high-performance liquid chromatography and supercritical fluid chromatography: A comparative study. <i>Journal of Chromatography A</i> , 2014, 1363, 257-269.	1.8	19
13	Supercritical fluid chromatography versus high performance liquid chromatography for enantiomeric and diastereoisomeric separations on coated polysaccharides-based stationary phases: Application to dihydropyridone derivatives. <i>Journal of Chromatography A</i> , 2018, 1549, 39-50.	1.8	17
14	Application of tandem coupling of columns in supercritical fluid chromatography for stereoisomeric separation: Optimization and simulation. <i>Journal of Chromatography A</i> , 2019, 1588, 115-126.	1.8	17
15	ZrCl ₄ as a new catalyst for ester amidation: an efficient synthesis of h-P2X7R antagonists. <i>Tetrahedron Letters</i> , 2016, 57, 1165-1170.	0.7	16
16	Enantioseparation of new nucleoside analogs, related to d4T and acyclovir, by chiral capillary electrophoresis using highly sulfated β -cyclodextrins. <i>Electrophoresis</i> , 2004, 25, 444-453.	1.3	15
17	Enantioseparation of chiralN-imidazole derivatives by electrokinetic chromatography using highly sulfated cyclodextrins: Mechanism of enantioselective recognition. <i>Electrophoresis</i> , 2005, 26, 3824-3832.	1.3	15
18	Evolution of availability of curcumin inside poly-lactic-co-glycolic acid nanoparticles: impact on antioxidant and antinitrosant properties. <i>International Journal of Nanomedicine</i> , 2015, 10, 5355.	3.3	15

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19	Determination of pKa values of benzimidazole derivatives from mobility obtained by capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 1267-1271.	1.4	13
20	Small scale separation of isoxazole structurally related analogues by chiral supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2017, 1505, 106-113.	1.8	13
21	On the discovery of new potent human farnesyltransferase inhibitors: emerging pyroglutamic derivatives. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8110-8118.	1.5	13
22	Analytical and Preparative Chiral Separation of $\hat{1}^2$ -Carboline Derivatives, LDL Oxidation Inhibitors, Using HPLC and CE Methodologies: Determination of Enantiomeric Purity. <i>Chromatographia</i> , 2012, 75, 337-345.	0.7	12
23	Enhanced detection for determination of enantiomeric purity of novel agomelatine analogs by $\langle scp \rangle EKC \langle /scp \rangle$ using single and dual cyclodextrin systems. <i>Electrophoresis</i> , 2014, 35, 2785-2792.	1.3	12
24	Enantioseparation of chiral benzimidazole derivatives by electrokinetic chromatography using sulfated cyclodextrins. <i>Journal of Separation Science</i> , 2009, 32, 1907-1915.	1.3	11
25	Comparison of dimethylated and methylchlorinated amylose stationary phases, coated and covalently immobilized on silica, for the separation of some chiral compounds in supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2020, 1621, 461053.	1.8	11
26	Recent developments in separation methods for enantiomeric ratio determination of amino acids specifically involved in cataract and Alzheimer's disease. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 141, 116287.	5.8	11
27	Determination of the enantiomeric purity of nucleoside analogs related to d4T and acyclovir, new potential antiviral agents, using liquid chromatography on cellulose chiral stationary phases. <i>Journal of Chromatography A</i> , 2002, 972, 211-219.	1.8	10
28	Synthesis of 2,3 and 4,5-Dihydro-hydroxy-isoxazoles and Isoxazoles Under Different pH Conditions. <i>Letters in Organic Chemistry</i> , 2010, 7, 32-38.	0.2	10
29	Single and dual cyclodextrins systems for the enantiomeric and diastereoisomeric separations of structurally related dihydropyridone analogues. <i>Electrophoresis</i> , 2017, 38, 1922-1931.	1.3	10
30	Productivity and solvent waste in supercritical fluid chromatography for preparative chiral separations: a guide for a convenient strategy. <i>Journal of Chromatography A</i> , 2020, 1610, 460549.	1.8	10
31	Supercritical fluid chromatography and liquid chromatography for isomeric separation of a multiple chiral centers analyte. <i>Journal of Chromatography A</i> , 2021, 1651, 462270.	1.8	10
32	Enantiomeric excess determination, purification and biological evaluation of (3S) and (3R) $\hat{1}^{\pm}, \hat{1}^2$ -butenolide analogues of isobenzofuranone. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 501-504.	1.0	9
33	Antagonists of the $\langle scp \rangle P \langle /scp \rangle 2X7$ receptor: Mechanism of enantioselective recognition using highly sulfated and sulfobutylether cyclodextrins by capillary electrokinetic chromatography. <i>Electrophoresis</i> , 2014, 35, 2892-2899.	1.3	9
34	Quantitative analysis of drugs in biological matrices by HPLC hyphenated to fluorescence detection. <i>Bioanalysis</i> , 2015, 7, 743-762.	0.6	9
35	Impact of Functional Groups on the Copper-Initiated N-Arylation of 5-Functionalized Pyrrolidin-2-ones and Their Vinylogues. <i>Synthesis</i> , 2016, 48, 2226-2244.	1.2	9
36	Enantioseparation of benzoxazolinone aminoalcohols and their aminoketone precursors, potential adrenergic ligands, by analytical and preparative liquid chromatography on amylose chiral stationary phases and characterization of the enantiomers. <i>Chirality</i> , 2009, 21, 769-776.	1.3	8

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37	Development and validation of a reversed-phase HPLC method for the quantification of paclitaxel in different PLGA nanocarriers. <i>Electrophoresis</i> , 2017, 38, 2536-2541.	1.3	8
38	Discovery of highly functionalized scaffolds: Pyrroloimidazolediones as P2X7 receptor antagonists. <i>Tetrahedron</i> , 2017, 73, 5327-5336.	1.0	8
39	Analytical and preparative enantioseparations in supercritical fluid chromatography using different brands of immobilized cellulose tris (3,5-dichlorophenylcarbamate) columns: Some differences. <i>Journal of Chromatography A</i> , 2020, 1622, 461125.	1.8	8
40	Preparative HPLC separation of methoxytetralins, ligands for melatonin receptors, containing two chiral centers with polysaccharide chiral stationary phases. Determination of enantiomeric purity. <i>Journal of Proteomics</i> , 2005, 64, 46-58.	2.4	7
41	Exploring chiral separation of 3-carboxamido-5-aryl isoxazole derivatives by supercritical fluid chromatography on amylose and cellulose tris dimethyl- and chloromethyl phenylcarbamate polysaccharide based stationary phases. <i>Journal of Chromatography A</i> , 2016, 1467, 473-481.	1.8	7
42	HPLC Separation and Determination of Enantiomeric Purity of Novel Nucleoside Analogs, on Cyclodextrin Chiral Stationary Phases, Using Reversed and Polar Organic Modes. <i>Analytical Letters</i> , 2004, 37, 385-398.	1.0	6
43	Supercritical fluid chromatography approach for a sustainable manufacture of new stereoisomeric anticancer agent. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 845-853.	1.4	6
44	Separation of planar chiral ferrocenes by capillary electrokinetic chromatography and liquid chromatography. <i>Journal of Chromatography A</i> , 2022, 1677, 463306.	1.8	6
45	Chiral resolution of melatoninerigic ligands by EKC using highly sulfated CDs. <i>Electrophoresis</i> , 2007, 28, 3915-3921.	1.3	5
46	1,3,5-Oxadiazine Framework by Oxygen vs. Nitrogen Trapping of an Acyliminium Ion Derived from Bis-TMS Pyroglutamic Acid. <i>ChemistrySelect</i> , 2017, 2, 10654-10660.	0.7	5
47	Cesium salts as superior catalysts for solvent-free modifications of biosourced pterolactam. <i>Molecular Catalysis</i> , 2019, 470, 32-39.	1.0	5
48	Melatonin receptor agents: Synthesis, resolution by HPLC on polysaccharides chiral stationary phases, absolute configuration, and pharmacology of the enantiomers of (±)-N-[2-(7-fluoro-1,2,3,4-)] dT / Overlock 10 Tj ETQq0 0 0 1gBT	1.0	4
49	Synthesis of diastereoisomeric pairs of novel analogues of d4T having an isochroman glycon moiety; their enzymatic kinetic resolution, their enantiopure synthesis, molecular modeling and NMR structural study. <i>Tetrahedron</i> , 2005, 61, 10583-10595.	1.0	4
50	Enantiomeric Resolution of Benzoxazolinonic Aminoalcohols, Potential Adrenergic Ligands, by LC and CE. <i>Chromatographia</i> , 2009, 69, 465-472.	0.7	4
51	Chiral Capillary Electrophoresis with Highly Sulfated Cyclodextrins; Resolution of Benzoxazolinone Aminoalcohols, and Aminoketon Precursors, Potential Adrenergic Ligands. <i>Analytical Letters</i> , 2010, 43, 2356-2371.	1.0	4
52	Evaluation and comparison of three different separation techniques for analysis of retroamide enantiomers and their biological evaluation against h-P2X7 receptor. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 986-987, 35-43.	1.2	4
53	Performance comparison of chlorinated chiral stationary phases in supercritical fluid chromatography for separation of selected pyrrolidone derivatives. <i>Journal of Pharmaceutical Analysis</i> , 2019, 9, 248-253.	2.4	4
54	Optimization of Detection of Native Amino Acids with Evaporative Light Scattering Detector in Chiral Supercritical Fluid Chromatography. <i>Chromatographia</i> , 2021, 84, 179-185.	0.7	4

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55	Supercritical fluid chromatography for separation of chiral planar metallocenes. <i>Journal of Chromatography A</i> , 2022, 1674, 463115.	1.8	4
56	Chiral Separation of Four Piperidinic Benzoxazolinone Compounds by CE and LC. <i>Chromatographia</i> , 2009, 69, 903-909.	0.7	3
57	Development of HPLC/fluorescence detection method for chiral resolution of dansylated benzimidazoles derivatives. <i>Biomedical Chromatography</i> , 2014, 28, 4-9.	0.8	3
58	Enantioseparation and thermodynamic study of naphthalene derivatives, new melatonineric agonists, on coated amylose [<i>S</i> -(1-phenylethyl)carbamate] stationary phase. Transposition to preparative scale. <i>Biomedical Chromatography</i> , 2015, 29, 689-697.	0.8	3
59	Electrophoretic separation of multiple chiral center analyte with a three cyclodextrins mixture. <i>Electrophoresis</i> , 2021, 42, 1810-1817.	1.3	3
60	Separations of antifungal compounds in capillary electrophoresis with two anionic cyclodextrins. <i>Electrophoresis</i> , 2019, 40, 1986-1991.	1.3	2
61	Contribution of supercritical fluid chromatography to serially coupling columns for chiral and achiral separations. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 149, 116563.	5.8	2
62	LC Using Two Different Cellulose Chiral Stationary Phases for Direct Enantioseparation of Benzoxazolinone Aminoalcohols and Aminoketones. <i>Chromatographia</i> , 2008, 68, 1053-1057.	0.7	1
63	Carbon dioxide transformation as a green alternative to phosgene and chloroformates: N-carboxyalkylation of lactams and analogues. <i>Journal of CO2 Utilization</i> , 2021, 54, 101782.	3.3	1
64	Comparison of enhanced fluidity liquid chromatography with liquid chromatography for enantioseparation of selected ¹³ C-lactam derivatives. <i>Journal of Chromatography Open</i> , 2022, 2, 100026.	0.8	1
65	NMR studies of interactions of new CB2 cannabinoid receptor ligands with cyclodextrins hosts. Correlation with micellar electrokinetic chromatography and reversed phase high performance liquid chromatography. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 78, 265-274.	0.9	0
66	Applications of Chiral Supercritical Fluid Chromatography. <i>Methods in Molecular Biology</i> , 2019, 1985, 303-319.	0.4	0