

Ravi Bhushan

List of Publications by Year in descending order

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126
papers

1,827
citations

304743

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434195

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all docs

130
docs citations

130
times ranked

846
citing authors

#	ARTICLE	IF	CITATIONS
1	Thin-layer chromatographic separation of enantiomeric dansylamino acids using a macrocyclic antibiotic as a chiral selector. <i>Journal of Chromatography A</i> , 1996, 736, 235-238.	3.7	61
2	Purification of Enantiomeric Mixtures in Enantioselective Synthesis: Overlooked Errors and Scientific Basis of Separation in Achiral Environment. <i>Helvetica Chimica Acta</i> , 2014, 97, 161-187.	1.6	52
3	Direct TLC resolution of atenolol and propranolol into their enantiomers using three different chiral selectors as impregnating reagents. <i>Biomedical Chromatography</i> , 2008, 22, 1028-1034.	1.7	49
4	Indirect enantioseparation of β -amino acids by reversed-phase liquid chromatography using new chiral derivatizing reagents synthesized from s-triazine chloride. <i>Journal of Chromatography A</i> , 2008, 1201, 35-42.	3.7	41
5	Biosorption and Reuse Potential of a Blue Green Alga for the Removal of Hazardous Reactive Dyes from Aqueous Solutions. <i>Bioremediation Journal</i> , 2014, 18, 179-191.	2.0	40
6	Amino acids as chiral selectors in enantioresolution by liquid chromatography. <i>Biomedical Chromatography</i> , 2012, 26, 962-971.	1.7	37
7	Analysis of multicomponent mixture and simultaneous enantioresolution of proteinogenic and non-proteinogenic amino acids by reversed-phase high-performance liquid chromatography using chiral variants of Sanger's reagent. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 1697-1705.	3.7	35
8	Reversed-phase high-performance liquid chromatographic enantioresolution of six β -blockers using dinitrophenylpropanoic hydroxysuccinimide ester, succinimidyl-L-serine (6-methoxynaphthalenyl) propionate and twelve variants of Sanger's reagent as chiral derivatizing reagents. <i>Biomedical Chromatography</i> , 2009, 23, 1291-1299.	1.7	34
9	Indirect resolution of baclofen enantiomers from pharmaceutical dosage form by reversed-phase liquid chromatography after derivatization with Marfey's reagent and its structural variants. <i>Biomedical Chromatography</i> , 2008, 22, 906-911.	1.7	33
10	Enantioresolution of Amino Acids: A Decade's Perspective, Prospects and Challenges. <i>Chromatographia</i> , 2015, 78, 1113-1134.	1.3	33
11	Direct enantiomeric TLC resolution of penicillamine using mandelic acid and tartaric acid as chiral impregnating reagents and as chiral mobile phase additive. <i>Biomedical Chromatography</i> , 2008, 22, 1237-1242.	1.7	32
12	Synthesis of (S)-naproxen-benzotriazole and its application as chiral derivatizing reagent for microwave-assisted synthesis and indirect high performance liquid chromatographic separation of diastereomers of penicillamine, cysteine and homocysteine. <i>Journal of Chromatography A</i> , 2011, 1218, 3648-3653.	3.7	30
13	Degradation of organophosphorus and carbamate pesticides in soils'HPLC determination. <i>Biomedical Chromatography</i> , 1995, 9, 18-22.	1.7	29
14	Synthesis of succinimidyl-(S)-naproxen ester and its application for indirect enantioresolution of penicillamine by reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2008, 1209, 174-178.	3.7	29
15	Reversed-phase high performance liquid chromatographic separation of diastereomers of β -amino alcohols and microwave assisted synthesis of Marfey's reagent, its chiral variants and diastereomers. <i>Journal of Chromatography A</i> , 2009, 1216, 2592-2596.	3.7	29
16	Resolution of beta blocker enantiomers by TLC with vancomycin as impregnating agent or as chiral mobile phase additive. <i>Journal of Planar Chromatography - Modern TLC</i> , 2010, 23, 7-13.	1.2	29
17	Indirect TLC resolution of amino acid enantiomers after derivatization with Marfey's reagent and its chiral variants. <i>Journal of Planar Chromatography - Modern TLC</i> , 2007, 20, 165-171.	1.2	28
18	Enantioresolution of penicillamine. <i>Biomedical Chromatography</i> , 2010, 24, 66-82.	1.7	27

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19	Bioassay, determination and separation of enantiomers of atenolol by direct and indirect approaches using liquid chromatography: A review. <i>Biomedical Chromatography</i> , 2018, 32, e4090.	1.7	26
20	Reversed-phase high-performance liquid chromatographic separation of diastereomers of (R,S)-mexiletine prepared by microwave irradiation with four new chiral derivatizing reagents based on trichloro-s-triazine having amino acids as chiral auxiliaries and 10 others having amino acid amides. <i>Journal of Chromatography A</i> , 2010, 1217, 7669-7676.	3.7	25
21	Ligand-exchange TLC resolution of some racemic β^2 -adrenergic blocking agents. <i>Journal of Planar Chromatography - Modern TLC</i> , 2006, 19, 241-245.	1.2	24
22	Direct resolution of six beta blockers into their enantiomers on silica plates impregnated with β -Asp and β -Glu. <i>Journal of Planar Chromatography - Modern TLC</i> , 2008, 21, 129-134.	1.2	23
23	Microwave-assisted synthesis and reversed-phase high-performance liquid chromatographic separation of diastereomers of (R,S)-baclofen using ten chiral derivatizing reagents designed from trichloro-s-triazine. <i>Journal of Chromatography A</i> , 2010, 1217, 6382-6387.	3.7	23
24	(R,S)-Propranolol: enantioseparation by HPLC using newly synthesized (S)-levofloxacin-based reagent, absolute configuration of diastereomers and recovery of native enantiomers by detagging. <i>Biomedical Chromatography</i> , 2016, 30, 1223-1233.	1.7	23
25	Indirect enantioseparation of selenomethionine by reversed-phase high-performance liquid chromatography using a newly synthesized chiral derivatizing reagent based on (S)-naproxen moiety. <i>Biomedical Chromatography</i> , 2014, 28, 106-111.	1.7	22
26	Enantioseparations in Achiral Environments and Chromatographic Systems. <i>Israel Journal of Chemistry</i> , 2016, 56, 990-1009.	2.3	22
27	Direct TLC Resolution of (R)-Ketamine and (S)-Lisinopril by Use of (+)-Tartaric Acid or (S)-Mandelic Acid as Impregnating Reagents or Mobile Phase Additives. Isolation of the Enantiomers. <i>Chromatographia</i> , 2008, 68, 1045-1051.	1.3	21
28	Direct TLC Resolution of the Enantiomers of Three β -Blockers by Ligand Exchange with Cu(II)-L-Amino Acid Complex, Using Four Different Approaches. <i>Chromatographia</i> , 2009, 70, 1001-1006.	1.3	21
29	Analytical and preparative enantioseparation of dl-penicillamine and dl-cysteine by high-performance liquid chromatography on β -acid glycoprotein and β -cyclodextrin columns using ninhydrin as a reversible tagging reagent. <i>Journal of Chromatography A</i> , 2009, 1216, 3413-3417.	3.7	20
30	Enantioresolution of five β -blockers by reversed-phase high-performance liquid chromatography using fifteen chiral derivatizing reagents having amino acids or their amides as chiral auxiliaries on a cyanuric chloride platform. <i>Biomedical Chromatography</i> , 2012, 26, 239-246.	1.7	20
31	Application of cyanuric chloride-based six new chiral derivatizing reagents having amino acids and amino acid amides as chiral auxiliaries for enantioresolution of proteinogenic amino acids by reversed-phase high-performance liquid chromatography. <i>Amino Acids</i> , 2012, 42, 1371-1378.	2.7	20
32	Indirect enantioseparation of proteinogenic amino acids using naproxen-based chiral derivatizing reagent and HPLC. <i>Biomedical Chromatography</i> , 2013, 27, 750-756.	1.7	20
33	Separation of vitamin B complex and folic acid using TLC plates impregnated with some transition metal ions. <i>Biomedical Chromatography</i> , 1994, 8, 196-198.	1.7	19
34	Synthesis of dinitrophenyl-L-Pro-N-hydroxysuccinimide ester and four new variants of Sanger's reagent having chiral amines and their application for enantioresolution of mexiletine using reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 5769-5773.	3.7	19
35	Amino acids as chiral auxiliaries in cyanuric chloride-based chiral derivatizing agents for enantioseparation by liquid chromatography. <i>Biomedical Chromatography</i> , 2014, 28, 1532-1546.	1.7	19
36	RP-LC Resolution of (R,S)-Atenolol via Diastereomerization with Marfey's Reagent and Its Structural Variants Under Conventional and Microwave Heating. <i>Chromatographia</i> , 2008, 68, 849-853.	1.3	18

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37	Chirality recognition for assessing the enantiomeric purity of Betaxolol. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 304-311.	1.8	18
38	IMPROVED SEPARATION OF VITAMIN B COMPLEX AND FOLIC ACID USING SOME NEW SOLVENT SYSTEMS AND IMPREGNATED TLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1999, 22, 1607-1623.	1.0	17
39	Reversed-phase liquid chromatographic resolution of diastereomers of protein and non-protein amino acids prepared with newly synthesized chiral derivatizing reagents based on cyanuric chloride. <i>Amino Acids</i> , 2011, 40, 403-409.	2.7	17
40	Enantiomeric purity of chiral derivatizing reagents for enantioresolution. <i>Bioanalysis</i> , 2011, 3, 2057-2060.	1.5	16
41	Application of amino acid amides as chiral auxiliaries in difluoro dinitro benzene and cyanuric chloride moieties for high-performance liquid-chromatographic enantioseparation of selenomethionine and its mixture with methionine and cysteine. <i>Amino Acids</i> , 2012, 42, 1417-1423.	2.7	16
42	Liquid chromatographic enantioseparation of three beta-adrenolytics using new derivatizing reagents synthesized from (<i>S</i>)-ketoprofen and confirmation of configuration of diastereomers. <i>Biomedical Chromatography</i> , 2016, 30, 1772-1781.	1.7	16
43	Assessment and application of Marfey's reagent and analogs in enantioseparation: a decade's perspective. <i>Biomedical Chromatography</i> , 2021, 35, e4990.	1.7	16
44	High-performance liquid chromatographic enantioseparation of (<i>R</i>), (<i>S</i>)-fluoxetine using Marfey's reagent and (<i>S</i>)-N-(4-nitrophenoxycarbonyl) phenylalanine methoxyethyl ester as chiral derivatizing reagents along with direct thin-layer chromatographic resolution and isolation of enantiomers using tartaric acid as mobile phase additive. <i>Biomedical Chromatography</i> , 2010, 24, 1152-1158.	1.7	15
45	Indirect reversed-phase high-performance liquid chromatographic and direct thin-layer chromatographic enantioresolution of (<i>R</i>), (<i>S</i>)-Cinacalcet. <i>Biomedical Chromatography</i> , 2011, 25, 674-679.	1.7	15
46	Validated high-performance liquid chromatographic enantioseparation of selenomethionine using isothiocyanate based chiral derivatizing reagents. <i>Biomedical Chromatography</i> , 2012, 26, 471-475.	1.7	15
47	Synthesis of variants of Marfey's reagent having d-amino acids as chiral auxiliaries and liquid-chromatographic enantioseparation of (<i>RS</i>)-Mexiletine in spiked plasma: Assessment and comparison with l-amino acid analogs. <i>Journal of Chromatography A</i> , 2015, 1379, 43-50.	3.7	15
48	Liquid chromatographic methods for separation, determination, and bioassay of enantiomers of etodolac: A review. <i>Journal of Separation Science</i> , 2020, 43, 18-30.	2.5	15
49	Separation of cephalosporins on thin silica gel layers impregnated with transition metal ions and by reversed-phase TLC. <i>Biomedical Chromatography</i> , 2002, 16, 165-174.	1.7	14
50	Reversed-phase liquid chromatographic determination of enantiomers of atenolol in rat plasma using derivatization with Marfey's reagent. <i>Biomedical Chromatography</i> , 2009, 23, 787-791.	1.7	14
51	Application of (<i>S</i>)-N-(4-Nitrophenoxycarbonyl) phenylalanine methoxyethyl ester as a chiral derivatizing reagent for reversed-phase high-performance liquid chromatographic separation of diastereomers of amino alcohols, non-protein amino acids, and PenA. <i>Amino Acids</i> , 2010, 39, 549-554.	2.7	14
52	Enantioresolution of some β_2 -blockers and a β_2 -agonist using ligand exchange TLC. <i>Journal of Planar Chromatography - Modern TLC</i> , 2012, 25, 463-467.	1.2	14
53	HPLC enantioresolution of (<i>R</i>), (<i>S</i>)-baclofen using three newly synthesized dichloro-s-triazine reagents having amines and five others having amino acids as chiral auxiliaries. <i>Biomedical Chromatography</i> , 2012, 26, 743-748.	1.7	14
54	Enantioseparation of Orciprenaline, Betaxolol, and Propranolol using HPLC and New Chiral Reagents Based on 1,5-Difluoro-2,4-dinitrobenzene. <i>Analytical Letters</i> , 2014, 47, 202-219.	1.8	14

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55	Preparative Enantioseparation of (<i>RS</i>)-Baclofen: Determination of Molecular Dissymmetry. <i>Chirality</i> , 2015, 27, 299-305.	2.6	14
56	Resolution of enantiomers of bupropion and its metabolites by liquid chromatography. <i>Biomedical Chromatography</i> , 2016, 30, 670-682.	1.7	14
57	RP-HPLC enantioseparation of β -adrenolytics using micellar mobile phase without organic solvents. <i>Biomedical Chromatography</i> , 2017, 31, e3983.	1.7	14
58	Micellar liquid chromatography for enantioseparation of β -adrenolytics using (<i>S</i>)-ketoprofen-based reagents. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2017, 40, 707-714.	1.0	14
59	Thin Layer Chromatographic Resolution of Some β -adrenolytics and a β -Agonist Using Bovine Serum Albumin as Chiral Additive in Stationary Phase. <i>Journal of Chromatographic Science</i> , 2018, 56, 92-98.	1.4	14
60	Separation and Identification of Some Cephalosporins on Impregnated TLC Plates. , 1996, 10, 258-260.		13
61	A novel approach for enantioseparation as applied to (<i>RS</i>)-etodolac from pharmaceutical formulations: LC MS and density functional theory support for confirmation of diastereomers so separated. <i>Biomedical Chromatography</i> , 2015, 29, 1330-1337.	1.7	13
62	Resolution of Enantiomers of (<i>RS</i>)-Baclofen by Ligand-Exchange Thin-Layer Chromatography. <i>Journal of Chromatographic Science</i> , 2016, 54, 842-846.	1.4	13
63	Synthesis of diastereomeric anhydrides of (<i>RS</i>)-ketorolac and (<i>RS</i>)-etodolac, semi-preparative HPLC enantioseparation, establishment of molecular asymmetry and recovery of pure enantiomers. <i>New Journal of Chemistry</i> , 2017, 41, 13681-13691.	2.8	13
64	Methods and approaches for determination and enantioseparation of (<i>RS</i>)-propranolol. <i>Biomedical Chromatography</i> , 2019, 33, e4370.	1.7	13
65	Thin-layer chromatographic enantioseparation of atenolol and propranolol using (<i>S</i>)-naproxen as chiral selector: direct and indirect approaches. <i>Journal of Planar Chromatography - Modern TLC</i> , 2020, 33, 101-107.	1.2	13
66	Bioanalysis and enantioseparation of <i>dl</i> -carnitine in human plasma by the derivatization approach. <i>Bioanalysis</i> , 2015, 7, 2477-2488.	1.5	12
67	Resolution of enantiomers with both achiral phases in chromatography: conceptual challenge. <i>RSC Advances</i> , 2015, 5, 28316-28323.	3.6	12
68	Sensitive enantioseparation and determination of isoprenaline in human plasma and pharmaceutical formulations. <i>Biomedical Chromatography</i> , 2019, 33, e4550.	1.7	12
69	Accumulation Pattern of Pesticides in Tropical Fresh Waters. <i>Biomedical Chromatography</i> , 1997, 11, 143-150.	1.7	11
70	Direct enantiomeric resolution of (\pm)-bupropion using chiral liquid chromatography. <i>Journal of Planar Chromatography - Modern TLC</i> , 2013, 26, 491-495.	1.2	11
71	Enantioresolution of <i>dl</i> -selenomethionine by thin silica gel plates impregnated with (\pm) quinine and reversed-phase TLC and HPLC separation of diastereomers prepared with difluorodinitrobenzene based reagents having <i>l</i> -amino acids as chiral auxiliaries. <i>Analytical Methods</i> , 2014, 6, 4188.	2.7	11
72	(<i>S</i>)-Naproxen based novel chiral reagent for C-N bond formation: enantioseparation of some β -blockers, determination of absolute configuration and elution order of diastereomers. <i>RSC Advances</i> , 2015, 5, 70255-70264.	3.6	11

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73	Synthesis of chiral hydrazine reagents and their application for liquid chromatographic separation of carbonyl compounds via diastereomer formation. <i>Journal of Chromatography A</i> , 2008, 1190, 86-94.	3.7	10
74	α -Amino acids as chiral selectors for the enantioseparation of (\pm)-bupropion by ligand exchange thin-layer chromatography using Cu(II) complex via four different approaches. <i>Journal of Planar Chromatography - Modern TLC</i> , 2014, 27, 367-371.	1.2	10
75	Liquid chromatographic enantioseparation of (<i>RS</i>)-mexiletine and (<i>RS</i>)-fluoxetine using chiral derivatizing reagents synthesized with (<i>S</i>)-naproxen moiety. <i>Biomedical Chromatography</i> , 2014, 28, 815-825.	1.7	10
76	Indirect chiral ligand exchange chromatography for enantioseparation: a modification of conventional techniques. <i>RSC Advances</i> , 2014, 4, 50130-50136.	3.6	10
77	Resolution and isolation of enantiomers of (\pm)-isoxsuprine using thin silica gel layers impregnated with α -glutamic acid, comparison of separation of its diastereomers prepared with chiral derivatizing reagents having α -amino acids as chiral auxiliaries. <i>Biomedical Chromatography</i> , 2015, 29, 357-365.	1.7	10
78	HPLC enantioseparation of racemic bupropion, baclofen and etodolac: modification of conventional ligand exchange approach by pre-column formation of chiral ligand exchange complexes. <i>Biomedical Chromatography</i> , 2016, 30, 1728-1732.	1.7	10
79	Sensitive RP-HPLC Enantioseparation of (<i>RS</i>)-Ketamine via Chiral Derivatization Based on (<i>S</i>)-Levofloxacin. <i>Chromatographia</i> , 2017, 80, 1501-1508.	1.3	10
80	Enantioresolution of (<i>RS</i>)-baclofen by liquid chromatography: A review. <i>Biomedical Chromatography</i> , 2017, 31, e3833.	1.7	10
81	Development of Bovine Serum Albumin-Bonded Silica as a Chiral Stationary Phase and Its Application in Quantitative Direct Enantiomeric Resolution. <i>Organic Process Research and Development</i> , 2018, 22, 789-795.	2.7	10
82	Liquid chromatographic separation of some PTH-amino acids. , 1998, 12, 322-325.		9
83	Analytical and semi-preparative enantioresolution of (<i>RS</i>)-ketorolac from pharmaceutical formulation and in human plasma by HPLC. <i>Biomedical Chromatography</i> , 2016, 30, 1526-1534.	1.7	9
84	(<i>S</i>)-Naproxen as a platform to develop chiral derivatizing reagent for reversed-phase high-performance liquid chromatographic enantioseparation of analytes having a carbonyl functional group. <i>Biomedical Chromatography</i> , 2012, 26, 1582-1588.	1.7	8
85	Enantiomeric resolution of (\pm)-etodolac by direct approach using both achiral phases in thin-layer chromatography: A conceptual approach. <i>Journal of Planar Chromatography - Modern TLC</i> , 2016, 29, 184-189.	1.2	8
86	Development of liquid chromatographic methods for enantioseparation and sensitive detection of β_2 -adrenolytics/ β_2 -agonists in human plasma using a single enantiomer reagent. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1061-1062, 117-122.	2.3	8
87	Superiority of thin-layer chromatography over high-performance liquid chromatography in enantioseparation. <i>Journal of Planar Chromatography - Modern TLC</i> , 2019, 32, 7-12.	1.2	8
88	Ligand Exchange Thin Layer Chromatographic Enantioresolution of (<i>RS</i>)-Ketorolac and (<i>RS</i>)-Etodolac and Recovery of Native Enantiomers. <i>Journal of Chromatographic Science</i> , 2019, 57, 511-517.	1.4	8
89	Enantiomeric Resolution of (<i>RS</i>)-Naproxen and Application of (<i>S</i>)- Naproxen in the Direct and Indirect Enantioseparation of Racemic Compounds by Liquid Chromatography: A Review. <i>Current Medicinal Chemistry</i> , 2017, 24, 758-780.	2.4	8
90	Simultaneous determination of a mixture of organophosphorus and carbamate pesticides by high performance liquid chromatography. <i>Biomedical Chromatography</i> , 1994, 8, 153-157.	1.7	7

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91	TLC Separation of Some Common Sugars on Silica Gel Plates Impregnated with Transition Metal Ions. , 1997, 11, 59-60.		7
92	Application of Hydrazino Dinitrophenyl-Amino Acids as Chiral Derivatizing Reagents for Liquid Chromatographic Enantioresolution of Carbonyl Compounds. <i>Chromatographia</i> , 2011, 74, 189-196.	1.3	7
93	High-performance liquid chromatographic enantioseparation of (<i>RS</i>)-bupropion using isothiocyanate-based chiral derivatizing reagents. <i>Biomedical Chromatography</i> , 2013, 27, 956-959.	1.7	7
94	Enantiomerization Study of Atropine and its Semipreparative Enantioseparation along with (1 <i>RS</i> ,2 <i>SR</i>)-(±)-Ephedrine on Polyacrylamide Column Using High-Performance Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 111-116.	1.0	7
95	Thin-Layer Chromatographic Enantioresolution of (<i>RS</i>)-Ketorolac Using L-Amino Acids as Chiral Additive in Stationary Phase. <i>Journal of Planar Chromatography - Modern TLC</i> , 2019, 32, 475-479.	1.2	7
96	Enantioselective LC analysis and determination of selective serotonin reuptake inhibitors. <i>Biomedical Chromatography</i> , 2020, 34, e4730.	1.7	7
97	Enantioresolution of three active pharmaceutical ingredients by different thin-layer chromatographic approaches. <i>Journal of Planar Chromatography - Modern TLC</i> , 2017, 30, 350-356.	1.2	7
98	Reversed-phase high-performance liquid chromatographic, gel electrophoretic and size exclusion chromatographic studies of subunit structure of arachin and its molecular species. <i>Biomedical Chromatography</i> , 2006, 20, 561-568.	1.7	6
99	Liquid chromatographic resolution of the enantiomers of metoprolol and carvedilol in pharmaceutical formulations by use of Marfey's reagent and its variants. <i>Journal of Planar Chromatography - Modern TLC</i> , 2010, 23, 335-338.	1.2	6
100	Methods of TLC Resolution of Enantiomeric Amino Acids And Their Derivatives. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1988, 11, 3049-3065.	1.0	5
101	Comparative application of microwave, ultrasonication, ultracentrifugation and conventional heating for preparation of sample as dinitrophenyl derivative for direct enantioseparation of certain amino alcohols and 1-amino-2-propanol from vitamin B12 hydrolysate on β -1-acid glycoprotein and β -2-cyclodextrin columns. <i>Journal of Chromatography A</i> , 2009, 1216, 7941-7945.	3.7	5
102	Thin-layer chromatographic enantioseparation of (<i>RS</i>)-etodolac using indirect approach. <i>Journal of Planar Chromatography - Modern TLC</i> , 2016, 29, 366-371.	1.2	5
103	Reversed-phase HPLC enantioseparation and control of enantiomeric purity of duloxetine using a new chiral reagent and recovery of enantiomers. <i>Biomedical Chromatography</i> , 2021, 35, e5228.	1.7	5
104	Subunit structure of glycinin and its molecular species based on RP-HPLC, gel electrophoresis and SEC studies. <i>Biomedical Chromatography</i> , 2008, 22, 1296-1303.	1.7	4
105	LC Enantioseparation of 30-Component Diastereomeric Mixture of Amino Acids and Detection of d-Isomers Using New Reagents with Amines as Chiral Auxiliaries in Cyanuric Chloride. <i>Chromatographia</i> , 2013, 76, 1087-1096.	1.3	4
106	Application of optically pure amines as chiral auxiliaries to develop trichloroisotriazine-based new chiral derivatizing reagents for reversed-phase high-performance liquid chromatographic enantioseparation of dl-selenomethionine. <i>Biomedical Chromatography</i> , 2013, 27, 968-973.	1.7	4
107	Integrated lab-on-chip and mass spectrometry: recent advances in bioanalysis. <i>Bioanalysis</i> , 2014, 6, 1875-1877.	1.5	4
108	ENANTIORESOLUTION OF (<i>RS</i>)-BUPROPION BY REVERSED-PHASE HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY USING CYANURIC CHLORIDE BASED CHIRAL DERIVATIZING REAGENTS HAVING AMINO ACIDS AS CHIRAL AUXILIARIES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 2515-2528.	1.0	4

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109	Enantioseparation by Thin-Layer Chromatography. <i>Methods in Molecular Biology</i> , 2019, 1985, 35-44.	0.9	4
110	Microcontact printing in bioanalysis: where are we and where shall we be?. <i>Bioanalysis</i> , 2016, 8, 2093-2095.	1.5	3
111	Enantioseparation of (<i>RS</i>)-efexofenadine and enhanced detection as the diastereomeric amide and anhydride derivatives using liquid chromatography-mass spectrometry. <i>Biomedical Chromatography</i> , 2018, 32, e4217.	1.7	3
112	Reversed-phase high-performance liquid chromatographic, size exclusion chromatographic and polyacrylamide gel electrophoretic studies of glycinin: evidence for molecular species and their association-dissociation. <i>Biomedical Chromatography</i> , 2007, 21, 1245-1251.	1.7	2
113	A modification of a conventional technique for the synthesis of hydrazones of racemic carbonyls: prevention of spontaneous chiral inversion. <i>RSC Advances</i> , 2015, 5, 105719-105726.	3.6	2
114	Enantioseparation of (<i>RS</i>)-Bupropion and determination of configuration. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 155-160.	1.0	2
115	Specificity versus selectivity: twin aims of aptasensors in bioanalysis. <i>Bioanalysis</i> , 2018, 10, 1549-1551.	1.5	2
116	Microchemical enantioseparation of betaxolol and orciprenaline by reversed phase HPLC. <i>Separation Science Plus</i> , 2020, 3, 472-485.	0.6	2
117	² Ab Ovo ² Chiral Phases and Chiral Reagents for Liquid Chromatographic Separation and Isolation of Enantiomers. <i>Chemical Record</i> , 2022, 22, e202100295.	5.8	2
118	Complete Amino Acid Sequence of a Subunit from Rapeseed Protein. <i>Journal of Plant Biochemistry and Biotechnology</i> , 1998, 7, 13-21.	1.7	1
119	Liquid chromatographic enantioseparation, determination, bioassay and isolation of enantiomers of Ketorolac: A review. <i>Acta Chromatographica</i> , 2022, 34, 220-236.	1.3	1
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126	Synthesis of (<i>S</i>)-naproxen based amide bond forming chiral reagent and application for liquid chromatographic resolution of (<i>RS</i>)-salbutamol. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0