

Pranav S Shrivastav

List of Publications by Year in descending order

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185
papers

3,693
citations

212478

28
h-index

214428

50
g-index

188
all docs

188
docs citations

188
times ranked

4574
citing authors

#	ARTICLE	IF	CITATIONS
1	Upper/lower rim functionalized calixarene based AIE-active liquid crystals with self-assembly behavior: Photophysical and electrochemical studies. <i>Journal of Molecular Liquids</i> , 2022, 348, 118047.	2.3	6
2	Photodynamic therapy with light emitting fabrics: a review. <i>Archives of Dermatological Research</i> , 2022, 314, 929-936.	1.1	3
3	Supercritical fluid chromatography for the analysis of antihypertensive Drugs: A short review. <i>Microchemical Journal</i> , 2022, 178, 107341.	2.3	2
4	Application of supercritical fluid chromatography for separation and quantitation of 15 co-formulated binary antihypertensive medications using a single elution protocol. <i>Biomedical Chromatography</i> , 2021, 35, e5035.	0.8	4
5	Multidimensional chromatography platforms: status and prospects. <i>Bioanalysis</i> , 2021, 13, 1083-1086.	0.6	2
6	Simultaneous enantioseparation and simulation studies of atenolol, metoprolol and propranolol on Chiralpak® IG column using supercritical fluid chromatography. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 746-756.	2.4	13
7	Room-temperature blue-light-emitting liquid crystalline materials based on phenanthroimidazole-substituted carbazole derivatives. <i>New Journal of Chemistry</i> , 2021, 45, 22193-22201.	1.4	1
8	Quantification of fenopufen in human plasma using UHPLC – tandem mass spectrometry for pharmacokinetic study in healthy subjects. <i>Biomedical Chromatography</i> , 2020, 34, e4708.	0.8	3
9	Optimization of chromatography to overcome matrix effect for reliable estimation of four small molecular drugs from biological fluids using LC – MS/MS. <i>Biomedical Chromatography</i> , 2020, 34, e4777.	0.8	2
10	Columnar self-assembly, electrochemical and luminescence properties of basket-shaped liquid crystalline derivatives of Schiff-base-moulded <i>p</i> -tert-butyl-calix[4]arene. <i>New Journal of Chemistry</i> , 2020, 44, 20610-20619.	1.4	9
11	Facile separation of four co-formulated ternary antihypertensive drug combinations with a customized elution protocol using supercritical fluid chromatography. <i>Microchemical Journal</i> , 2020, 159, 105594.	2.3	7
12	Self-assembled blue-light emitting materials for their liquid crystalline and OLED applications: from a simple molecular design to supramolecular materials. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 1691-1705.	1.7	23
13	Analytical separation of four stereoisomers of luliconazole using supercritical fluid chromatography: Thermodynamic aspects and simulation study with chiral stationary phase. <i>Journal of Chromatography A</i> , 2020, 1625, 461299.	1.8	18
14	Bioanalytical methods for quantification of novel sodium-glucose cotransporter 2 inhibitors: toward greener approach in separation science. <i>Bioanalysis</i> , 2020, 12, 565-568.	0.6	0
15	Modulation of inner filter effect of non-conjugated silver nanoparticles on blue emitting ZnS quantum dots for the quantitation of betahistine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 240, 118575.	2.0	5
16	Selective quantification of lacosamide in human plasma using UPLC – MS/MS: Application to pharmacokinetic study in healthy subjects with different doses. <i>Biomedical Chromatography</i> , 2020, 34, e4928.	0.8	3
17	Dual Fluorescence-colorimetric Silver Nanoparticles Based Sensor for Determination of Olanzapine: Analysis in Rat Plasma and Pharmaceuticals. <i>Journal of Fluorescence</i> , 2020, 30, 955-967.	1.3	7
18	Analysis of valsartan, clindamycin and mesalamine in human plasma by LC – MS/MS using different extraction methodologies to overcome matrix effect. <i>Chemical Papers</i> , 2020, 74, 4365-4378.	1.0	3

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19	Assessment of contaminants in the northwestern Bay of Bengal. Environmental Science and Pollution Research, 2020, 27, 34090-34098.	2.7	6
20	Separation of achiral anti-diabetic drugs using sub/supercritical fluid chromatography with a polysaccharide stationary phase: Thermodynamic considerations and molecular docking study. Journal of Pharmaceutical and Biomedical Analysis, 2020, 189, 113452.	1.4	12
21	Citrate/melamine functionalized gold nanoparticles for concurrent determination of allopurinol and its major metabolite, oxypurinol in plasma and pharmaceuticals. Journal of Industrial and Engineering Chemistry, 2020, 84, 141-149.	2.9	2
22	Challenges in simultaneous extraction and chromatographic separation of metformin and three SGLT-2 inhibitors in human plasma using LC-MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2019, 175, 112790.	1.4	13
23	Influence of pH and organic modifiers on the dissociation constants of selected drugs using reversed-phase thin-layer chromatography: Comparison with other techniques and computational tools. Biomedical Chromatography, 2019, 33, e4666.	0.8	2
24	New Class of Supramolecular Bowl-Shaped Columnar Mesogens Derived from Thiocalix[4]arene Exhibiting Gelation and Organic Light-Emitting Diodes Applications. ACS Omega, 2019, 4, 15862-15872.	1.6	10
25	Densitometry and indirect normal-phase HPTLC-ESI-MS for separation and quantitation of drugs and their glucuronide metabolites from plasma. Biomedical Chromatography, 2019, 33, e4602.	0.8	7
26	A high-throughput LC-MS/MS method for determination of flunarizine in human plasma: Pharmacokinetic study with different doses. Biomedical Chromatography, 2019, 33, e4582.	0.8	1
27	Natural biodegradable polymers based nano-formulations for drug delivery: A review. International Journal of Pharmaceutics, 2019, 561, 244-264.	2.6	380
28	Determination of terbinafine in human plasma using UPLC-MS/MS: Application to a bioequivalence study in healthy subjects. Biomedical Chromatography, 2019, 33, e4543.	0.8	6
29	Mixed-mode solid phase extraction combined with LC-MS/MS for determination of empagliflozin and linagliptin in human plasma. Microchemical Journal, 2019, 145, 523-531.	2.3	31
30	Guar gum: Versatile natural polymer for drug delivery applications. European Polymer Journal, 2019, 112, 722-735.	2.6	125
31	Simultaneous quantitation of metformin and dapagliflozin in human plasma by LC-MS/MS: Application to a pharmacokinetic study. Biomedical Chromatography, 2019, 33, e4453.	0.8	22
32	Development and validation of a rapid and sensitive UPLC-MS/MS assay for the quantification of tofacitinib in human plasma. Biomedical Chromatography, 2019, 33, e4458.	0.8	7
33	Sensitive and rapid determination of amantadine without derivatization in human plasma by LC-MS/MS for a bioequivalence study. Journal of Pharmaceutical Analysis, 2018, 8, 202-207.	2.4	8
34	Quantification of metronidazole in healthy subjects' feces using an LC-MS/MS method. Biomedical Chromatography, 2018, 32, e4265.	0.8	5
35	Quantification of metronidazole in human plasma using a highly sensitive and rugged LC-MS/MS method for a bioequivalence study. Biomedical Chromatography, 2018, 32, e4242.	0.8	9
36	Quantitation of tadalafil in human plasma using a sensitive and rapid LC-MS/MS method for a bioequivalence study. Journal of Pharmaceutical Analysis, 2018, 8, 271-276.	2.4	14

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37	Novel LC-MS/MS method for the quantification of silodosin and its metabolites in human plasma. <i>Bioanalysis</i> , 2018, 10, 7-10.	0.6	1
38	Mechanistic study for the simultaneous determination of metformin and teneligliptin in human plasma using hydrophilic interaction liquid chromatography-MS/MS. <i>Bioanalysis</i> , 2018, 10, 475-488.	0.6	7
39	Highly sensitive LC-MS/MS method to estimate doxepin and its metabolite nordoxepin in human plasma for a bioequivalence study. <i>Journal of Pharmaceutical Analysis</i> , 2018, 8, 378-385.	2.4	9
40	Determination of silodosin and its active glucuronide metabolite KMD-213G in human plasma by LC-MS/MS for a bioequivalence study. <i>Biomedical Chromatography</i> , 2018, 32, e4041.	0.8	11
41	Ultra-performance liquid chromatography-tandem mass spectrometry assay for determination of plasma norgestrel acetate and estradiol in healthy postmenopausal women. <i>Biomedical Chromatography</i> , 2018, 32, e4086.	0.8	3
42	Overcoming interference of plasma phospholipids using HybridSPE for the determination of trimetazidine by UPLC-MS/MS. <i>Biomedical Chromatography</i> , 2018, 32, e4095.	0.8	5
43	Simultaneous determination of azithromycin and levofloxacin in pharmaceuticals by charge transfer complexation with alizarin red S using an absorption-factor method. <i>Turkish Journal of Chemistry</i> , 2018, 42, 36-49.	0.5	7
44	ESTIMATION OF CELECOXIB IN HUMAN PLASMA BY RAPID AND SELECTIVE LC-MS/MS METHOD FOR A BIOEQUIVALENCE STUDY. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018, 10, 16.	0.3	6
45	Simultaneous densitometric determination of eight food colors and four sweeteners in candies, jellies, beverages and pharmaceuticals by normal-phase high performance thin-layer chromatography using a single elution protocol. <i>Journal of Chromatography A</i> , 2018, 1572, 152-161.	1.8	35
46	Simultaneous quantitation of rosuvastatin and ezetimibe in human plasma by LC-MS/MS: Pharmacokinetic study of fixed-dose formulation and separate tablets. <i>Biomedical Chromatography</i> , 2018, 32, e4291.	0.8	9
47	Determination of asenapine in presence of its inactive metabolites in human plasma by LC-MS/MS. <i>Journal of Pharmaceutical Analysis</i> , 2018, 8, 341-347.	2.4	8
48	Influence of organic modifier and separation modes for lipophilicity assessment of drugs using thin layer chromatography indices. <i>Journal of Chromatography A</i> , 2018, 1571, 223-230.	1.8	10
49	HPTLC-Densitometric Determination of Allopurinol and its Metabolite Oxypurinol in Human Plasma and Allopurinol in Tablet Dosage Form. <i>Analytical Chemistry Letters</i> , 2018, 8, 537-551.	0.4	3
50	Ion-pair solid phase extraction for the simultaneous separation and quantitation of metformin and canagliflozin in human plasma by LC-MS/MS. <i>Microchemical Journal</i> , 2018, 143, 181-189.	2.3	18
51	Simultaneous analysis of aliskiren and hydrochlorothiazide in pharmaceutical preparations and spiked human plasma by HPTLC. <i>Journal of Taibah University for Science</i> , 2017, 11, 667-676.	1.1	5
52	Surface plasmon resonance based selective and sensitive colorimetric determination of azithromycin using unmodified silver nanoparticles in pharmaceuticals and human plasma. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 170, 97-103.	2.0	29
53	Simultaneous densitometric determination of anthelmintic drug albendazole and its metabolite albendazole sulfoxide by HPTLC in human plasma and pharmaceutical formulations. <i>Biomedical Chromatography</i> , 2017, 31, e3947.	0.8	10
54	Simultaneous quantification of amiloride and hydrochlorothiazide in human plasma by liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 288-296.	2.4	10

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55	Performance Evaluation and Thermodynamic Studies for the Simultaneous Cloud Point Extraction of Erythrosine and Tartrazine Using Mixed Micelles in Food Samples. <i>Food Analytical Methods</i> , 2017, 10, 3471-3480.	1.3	22
56	Simultaneous densitometric analysis of amlodipine, hydrochlorothiazide, lisinopril, and valsartan by HPTLC in pharmaceutical formulations and human plasma. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2017, 40, 467-478.	0.5	13
57	Determination of ergocalciferol in human plasma after Diels-Alder derivatization by LC-MS/MS and its application to a bioequivalence study. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 417-422.	2.4	7
58	Fast and sensitive LC-MS/MS method for the simultaneous determination of lisinopril and hydrochlorothiazide in human plasma. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 163-169.	2.4	20
59	Design of experiment assisted concurrent enantioseparation of bupropion and hydroxybupropion by high-performance thin-layer chromatography. <i>Chirality</i> , 2017, 29, 80-88.	1.3	9
60	An improved LC-MS/MS method for the quantification of alverine and para hydroxy alverine in human plasma for a bioequivalence study. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 95-102.	2.4	2
61	Simultaneous analysis of glucocorticosteroid fluticasone propionate and its metabolite fluticasone propionate 17 β -carboxylic acid in human plasma by UPLC-MS/MS at sub pg/mL level. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 135, 1-7.	1.4	10
62	Pyrophosphate functionalized silver nanoparticles for colorimetric determination of deferiprone via competitive binding to Fe(III). <i>Mikrochimica Acta</i> , 2017, 184, 4203-4208.	2.5	14
63	Assessment of critical extraction and chromatographic parameters for the determination of bupropion and its three primary metabolites in human plasma by LC-MS/MS. <i>Microchemical Journal</i> , 2017, 135, 81-90.	2.3	9
64	Application of an LC-MS/MS method for the analysis of amlodipine, valsartan and hydrochlorothiazide in polypill for a bioequivalence study. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 309-316.	2.4	28
65	LC-MS/MS analysis of metformin, saxagliptin and 5-hydroxy saxagliptin in human plasma and its pharmacokinetic study with a fixed-dose formulation in healthy Indian subjects. <i>Biomedical Chromatography</i> , 2017, 31, e3809.	0.8	23
66	Simultaneous analysis of allopurinol and oxypurinol using a validated liquid chromatography-tandem mass spectrometry method in human plasma. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 56-62.	2.4	16
67	The first normal-phase high-performance thin-layer chromatographic method for the simultaneous determination of the antimalarial drugs atovaquone and proguanil from Malarone [®] tablets. <i>Journal of Planar Chromatography - Modern TLC</i> , 2016, 29, 140-144.	0.6	0
68	Simultaneous quantification of atenolol and chlorthalidone in human plasma by ultra-performance liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2016, 30, 208-216.	0.8	17
69	An improved LC-MS/MS method for the simultaneous determination of pyrazinamide, pyrazinoic acid and 5-hydroxy pyrazinoic acid in human plasma for a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1017-1018, 52-61.	1.2	9
70	SPE-UPLC-MS/MS assay for determination of letrozole in human plasma and its application to bioequivalence study in healthy postmenopausal Indian women. <i>Journal of Pharmaceutical Analysis</i> , 2016, 6, 276-281.	2.4	13
71	LC-tandem mass spectrometry method for the simultaneous determination of metformin and sitagliptin in human plasma after ion-pair solid phase extraction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 131, 64-70.	1.4	36
72	Combining simplicity with cost-effectiveness: Investigation of potential counterfeit of proton pump inhibitors through simulated formulations using thin-layer chromatography. <i>Journal of Chromatography A</i> , 2016, 1473, 133-142.	1.8	4

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73	Application of an LC-MS/MS method for reliable determination of amodiaquine, N-desethylamodiaquine, artesunate and dihydroartemisinin in human plasma for a bioequivalence study in healthy Indian subjects. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 67-78.	1.4	7
74	Liquid chromatography-tandem mass spectrometry method for simultaneous determination of albendazole and albendazole sulfoxide in human plasma for bioequivalence studies. <i>Journal of Pharmaceutical Analysis</i> , 2016, 6, 226-234.	2.4	11
75	Determination of lercanidipine in human plasma by an improved UPLC-MS/MS method for a bioequivalence study. <i>Journal of Pharmaceutical Analysis</i> , 2016, 6, 87-94.	2.4	11
76	Application of a UPLC-MS/MS method for the analysis of alosetron in human plasma to support a bioequivalence study in healthy males and females. <i>Biomedical Chromatography</i> , 2015, 29, 1527-1534.	0.8	1
77	Challenges in optimizing sample preparation and LC-MS/MS conditions for the analysis of carglumic acid, an N-acetyl glutamate derivative in human plasma. <i>Drug Testing and Analysis</i> , 2015, 7, 763-772.	1.6	3
78	Simultaneous analysis of losartan, its active metabolite, and hydrochlorothiazide in human plasma by a UPLC-MS/MS method. <i>Turkish Journal of Chemistry</i> , 2015, 39, 714-733.	0.5	18
79	Significance of "post bioanalysis phase"™ in bioanalysis: is GMP creeping into GLP?. <i>Bioanalysis</i> , 2015, 7, 15-20.	0.6	1
80	Conductometric studies on complexation of Ag ⁺ cation by C-thiophene calix[4]resorcinarene in pure and mixed non-aqueous solvent systems. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 83, 343-353.	0.9	1
81	Determination of cilostazol and its active metabolite 3,4-dehydro cilostazol from small plasma volume by UPLC-MS/MS. <i>Journal of Pharmaceutical Analysis</i> , 2015, 5, 1-11.	2.4	7
82	Selective and rapid determination of raltegravir in human plasma by liquid chromatography-tandem mass spectrometry in the negative ionization mode. <i>Journal of Pharmaceutical Analysis</i> , 2015, 5, 101-109.	2.4	3
83	Reliable LC-MS/MS assay for the estimation of rilpivirine in human plasma: application to a bioequivalence study and incurred sample reanalysis. <i>Drug Testing and Analysis</i> , 2015, 7, 290-299.	1.6	6
84	Extractive spectrophotometric determination of five selected drugs by ion-pair complex formation with bromothymol blue in pure form and pharmaceutical preparations. <i>Cogent Chemistry</i> , 2015, 1, 1075852.	2.5	11
85	Optimization of a novel high-performance thin-layer chromatographic method for the concurrent estimation of three proton-pump inhibitors and diclofenac in their binary combinations. <i>Journal of Planar Chromatography - Modern TLC</i> , 2015, 28, 234-240.	0.6	1
86	Validation of Simultaneous Quantitative Method of HIV Protease Inhibitors Atazanavir, Darunavir and Ritonavir in Human Plasma by UPLC-MS/MS. <i>Scientific World Journal, The</i> , 2014, 2014, 1-12.	0.8	9
87	Manipulating Ratio Spectra for the Spectrophotometric Analysis of Diclofenac Sodium and Pantoprazole Sodium in Laboratory Mixtures and Tablet Formulation. <i>Scientific World Journal, The</i> , 2014, 2014, 1-10.	0.8	13
88	Systematic evaluation of plasma phospholipids for reliable and precise determination of dronedarone and desbutyldronedarone by LC-MS/MS. <i>Bioanalysis</i> , 2014, 6, 2635-2650.	0.6	1
89	Impact of electrospray ion source platforms on matrix effect due to plasma phospholipids in the determination of rivastigmine by LC-MS/MS. <i>Bioanalysis</i> , 2014, 6, 2301-2316.	0.6	7
90	Development and validation of a rapid and sensitive LC-MS/MS method for the determination of aripiprazole in human plasma: Application to a bioequivalence study. <i>Acta Chromatographica</i> , 2014, 26, 203-227.	0.7	6

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91	Determination of mycophenolic acid in human plasma by ultra performance liquid chromatography tandem mass spectrometry. <i>Journal of Pharmaceutical Analysis</i> , 2014, 4, 205-216.	2.4	14
92	Development of a sensitive and rapid method for quantitation of (S)-(\hat{a})- and (R)-(+)-metoprolol in human plasma by chiral LC \hat{a} ESI \hat{a} MS/MS. <i>Journal of Pharmaceutical Analysis</i> , 2014, 4, 63-79.	2.4	11
93	Antioxidative mechanism involved in the preventive efficacy of <i>Bergenia ciliata</i> rhizomes against experimental nephrolithiasis in rats. <i>Pharmaceutical Biology</i> , 2014, 52, 712-722.	1.3	12
94	Parallel achiral \hat{a} chiral determination of oxybutynin, N-desethyl oxybutynin and their enantiomers in human plasma by LC \hat{a} MS/MS to support a bioequivalence trial. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 88, 81-91.	1.4	6
95	Rapid and Sensitive UPLC \hat{a} MS-MS Determination of Tacrolimus in Wistar Rats and Human Blood. <i>Journal of Chromatographic Science</i> , 2014, 52, 59-67.	0.7	13
96	Sensitive, selective and rapid determination of lafutidine in human plasma by solid phase extraction-liquid chromatography-tandem mass spectrometry. <i>Journal of Analytical Chemistry</i> , 2014, 69, 448-460.	0.4	0
97	Analysis of 21-hydroxy deflazacort in human plasma by UPLC \hat{a} MS/MS: Application to a bioequivalence study in healthy volunteers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 85, 213-217.	1.4	3
98	Simultaneous quantification of prodrug oseltamivir and its metabolite oseltamivir carboxylate in human plasma by LC \hat{a} MS/MS to support a bioequivalence study. <i>Journal of Pharmaceutical Analysis</i> , 2013, 3, 149-160.	2.4	15
99	Investigation of ex vivo stability of fesoterodine in human plasma and its simultaneous determination together with its active metabolite 5-HMT by LC \hat{a} ESI-MS/MS: Application to a bioequivalence study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 913-914, 1-11.	1.2	3
100	Simultaneous analysis of oxybutynin and its active metabolite N-desethyl oxybutynin in human plasma by stable isotope dilution LC \hat{a} MS/MS to support a bioequivalence study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 84, 244-255.	1.4	12
101	Antioxidative and cytoprotective effects of andrographolide against CCl ₄ -induced hepatotoxicity in HepG2 cells. <i>Human and Experimental Toxicology</i> , 2013, 32, 530-543.	1.1	28
102	SPE \hat{a} UPLC \hat{a} MS/MS method for sensitive and rapid determination of aripiprazole in human plasma to support a bioequivalence study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 925, 20-25.	1.2	24
103	UPLC \hat{a} MS/MS assay for the simultaneous quantification of carvedilol and its active metabolite 4 \hat{a} hydroxyphenyl carvedilol in human plasma to support a bioequivalence study in healthy volunteers. <i>Biomedical Chromatography</i> , 2013, 27, 974-986.	0.8	18
104	Sensitive and Selective Determination of Diflunisal in Human Plasma by LC-MS. <i>Journal of Chromatographic Science</i> , 2013, 51, 872-882.	0.7	15
105	<i>Ex vivo</i> conversion of prodrug prothionamide to its metabolite prothionamide sulfoxide with different extraction techniques and their estimation in human plasma by LC \hat{a} MS/MS. <i>Bioanalysis</i> , 2013, 5, 185-200.	0.6	3
106	Quantitation of nitrofurantoin in human plasma by liquid chromatography tandem mass spectrometry. <i>Acta Pharmaceutica</i> , 2013, 63, 141-158.	0.9	10
107	Controlling bioanalytical variability: a perennial quest. <i>Bioanalysis</i> , 2013, 5, 1827-1830.	0.6	1
108	Reliable and sensitive determination of dutasteride in human plasma by liquid chromatography \hat{a} tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2013, 27, 1168-1176.	0.8	5

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109	Stable-isotope dilution LC-MS/MS assay for determination of iloperidone and its two major metabolites, P 88 and P 95, in human plasma: application to a bioequivalence study. <i>Bioanalysis</i> , 2013, 5, 669-686.	0.6	6
110	Sensitive, selective and rapid determination of bupropion and its major active metabolite, hydroxybupropion, in human plasma by LC-MS/MS: application to a bioequivalence study in healthy Indian subjects. <i>Biomedical Chromatography</i> , 2012, 26, 314-326.	0.8	18
111	Liquid Chromatography Study on Atenolol-Cyclodextrin Inclusion Complex. <i>ISRN Analytical Chemistry</i> , 2012, 2012, 1-8.	1.0	7
112	Simultaneous Quantitation of HIV-Protease Inhibitors Ritonavir, Lopinavir and Indinavir in Human Plasma by UPLC-ESI-MS-MS. <i>Journal of Chromatographic Science</i> , 2012, 50, 625-635.	0.7	15
113	Enantiomeric Separation of Verapamil and its Active Metabolite, Norverapamil, and Simultaneous Quantification in Human Plasma by LC-ESI-MS-MS. <i>Journal of Chromatographic Science</i> , 2012, 50, 839-48.	0.7	7
114	Determination of (S)-(+)- and (R)-(-)-ibuprofen enantiomers in human plasma after chiral precolumn derivatization by reversed-phase LC-ESI-MS/MS. <i>Bioanalysis</i> , 2012, 4, 2909-2927.	0.6	12
115	Development of an SPE-LC-MS/MS method for simultaneous quantification of bosentan and its active metabolite hydroxybosentan in human plasma to support a bioequivalence study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 70, 462-470.	1.4	10
116	Separation of all-trans- and 13-cis-isomers of acitretin on a reversed-phase column, optimization of stability conditions and their simultaneous quantitation in human plasma by liquid chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2012, 4, 791.	1.3	2
117	Comparison of extraction procedures for assessment of matrix effect for selective and reliable determination of atazanavir in human plasma by LC-ESI-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 885-886, 138-149.	1.2	33
118	Challenges in the simultaneous quantitation of sumatriptan and naproxen in human plasma: Application to a bioequivalence study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 902, 122-131.	1.2	23
119	LC-MS/MS assay for olanzapine in human plasma and its application to a bioequivalence study. <i>Acta Pharmaceutica Sinica B</i> , 2012, 2, 481-494.	5.7	22
120	Highly sensitive and rapid ultra-performance liquid chromatography-tandem mass spectrometry method for the determination of nifedipine in human plasma and its application to a bioequivalence study. <i>Biomedical Chromatography</i> , 2012, 26, 1509-1518.	0.8	7
121	Application of a rapid and sensitive liquid chromatography-tandem mass spectrometry method for determination of bumetanide in human plasma for a bioequivalence study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 66, 365-370.	1.4	10
122	Application of a Reliable LC-MS/MS Method for Determination of Rizatriptan in Healthy Subject Samples: Demonstration of Assay Reproducibility by Incurred Sample Reanalysis. <i>ISRN Chromatography</i> , 2012, 2012, 1-10.	0.6	1
123	Analysis of a second-generation tetracycline antibiotic minocycline in human plasma by LC-MS/MS. <i>Bioanalysis</i> , 2011, 3, 2177-2194.	0.6	9
124	Incurred sample reanalysis (ISR): a decisive tool in bioanalytical research. <i>Bioanalysis</i> , 2011, 3, 1007-1024.	0.6	120
125	Phyllanthin of Standardized Phyllanthus amarus Extract Attenuates Liver Oxidative Stress in Mice and Exerts Cytoprotective Activity on Human Hepatoma Cell Line. <i>Journal of Clinical and Experimental Hepatology</i> , 2011, 1, 57-67.	0.4	17
126	Conductometric Studies on Cation-Crown Ether Complexes: A Review. <i>Critical Reviews in Analytical Chemistry</i> , 2011, 41, 236-269.	1.8	56

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127	Development and validation of a selective and sensitive LC-MS/MS method for determination of cycloserine in human plasma: Application to bioequivalence study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2265-2273.	1.2	29
128	Application of a validated ultra performance liquid chromatography-tandem mass spectrometry method for the quantification of darunavir in human plasma for a bioequivalence study in Indian subjects. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2443-2453.	1.2	21
129	Development and Validation of a Sensitive and Rapid Method to Determine Naratriptan in Human Plasma by LC-ESI-MS-MS: Application to a Bioequivalence Study. <i>Journal of Chromatographic Science</i> , 2011, 49, 101-107.	0.7	11
130	LC-MS-MS Separation and Simultaneous Determination of Tolterodine and its Active Metabolite, 5-Hydroxymethyl Tolterodine in Human Plasma. <i>Chromatographia</i> , 2010, 72, 255-264.	0.7	11
131	Chromatographic separation and sensitive determination of teriflunomide, an active metabolite of leflunomide in human plasma by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 2217-2225.	1.2	32
132	Simultaneous determination of sulfamethoxazole and trimethoprim in microgram quantities from low plasma volume by liquid chromatography-tandem mass spectrometry. <i>Microchemical Journal</i> , 2010, 94, 130-138.	2.3	27
133	Development and Validation of a Selective and Rapid LC-MS-MS Method for the Quantification of Abacavir in Human Plasma. <i>Journal of Chromatographic Science</i> , 2010, 48, 654-662.	0.7	8
134	LC-MS-ESI for the Determination of Loratadine and Descarboethoxyloratadine in Human Plasma. <i>Journal of Chromatographic Science</i> , 2010, 48, 35-44.	0.7	13
135	Selective Determination of Antiretroviral Agents Tenofovir, Emtricitabine, and Lamivudine in Human Plasma by a LC-MS-MS Method for a Bioequivalence Study in Healthy Indian Subjects. <i>Journal of Chromatographic Science</i> , 2010, 48, 704-713.	0.7	24
136	Validated Ultra-Performance Liquid Chromatography Tandem Mass Spectrometry Method for the Determination of Pramipexole in Human Plasma. <i>Journal of Chromatographic Science</i> , 2010, 48, 811-818.	0.7	20
137	Detection and quantitation of β -blockers in plasma and urine. <i>Bioanalysis</i> , 2010, 2, 263-276.	0.6	18
138	Microdetermination of Emtricitabine in Human Plasma by Liquid Chromatography/Tandem Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2009, 92, 1681-1689.	0.7	1
139	Rapid and Specific Liquid Chromatographic Tandem Mass Spectrometric Determination of Tenofovir in Human Plasma and its Fragmentation Study. <i>Journal of Chromatographic Science</i> , 2009, 47, 140-148.	0.7	23
140	Isolation, characterization and antioxidative effect of phyllanthin against CCl ₄ -induced toxicity in HepG2 cell line. <i>Chemico-Biological Interactions</i> , 2009, 181, 351-358.	1.7	97
141	Microwave assisted synthesis of Thiacalix[n]arenes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 63, 379-382.	1.6	3
142	Analysis of second-generation antidepressant drug, sertraline and its active metabolite, N-desmethyl sertraline in human plasma by a sensitive and selective liquid chromatography-tandem mass spectrometry method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 221-229.	1.2	30
143	Chromatographic separation of (E)- and (Z)-isomers of entacapone and their simultaneous quantitation in human plasma by LC-ESI-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 533-540.	1.2	12
144	Stability evaluation and sensitive determination of antiviral drug, valacyclovir and its metabolite acyclovir in human plasma by a rapid liquid chromatography-tandem mass spectrometry method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 680-688.	1.2	37

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145	An accurate, rapid and sensitive determination of tramadol and its active metabolite O-desmethyiltramadol in human plasma by LC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 354-366.	1.4	60
146	Application of a rapid and selective method for the simultaneous determination of protease inhibitors, lopinavir and ritonavir in human plasma by UPLC-ESI-MS/MS for bioequivalence study in Indian subjects. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 1115-1122.	1.4	26
147	Casting heterocalixarenes from calixarene templates: a unique synthetic strategy. <i>Chemical Communications</i> , 2009, , 586-588.	2.2	5
148	Rapid Determination of Montelukast in Human Plasma by LC-ESI-MS/MS and Its Application to a Bioequivalence Study. <i>Analytical Letters</i> , 2009, 42, 2041-2059.	1.0	8
149	Highly sensitive and rapid LC-ESI-MS/MS method for the simultaneous quantification of uroselective α_1 -blocker, alfuzosin and an antimuscarinic agent, solifenacin in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 876, 236-244.	1.2	32
150	Effect of collision-activated dissociation gas and collision energy on the fragmentation of dipyrindamole and its rapid and sensitive liquid chromatography/electrospray ionization tandem mass spectrometric determination in human plasma. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 511-518.	0.7	7
151	Simultaneous determination of simvastatin and simvastatin acid in human plasma by LC-MS/MS without polarity switch: Application to a bioequivalence study. <i>Journal of Separation Science</i> , 2008, 31, 301-313.	1.3	29
152	High-throughput LC-MS/MS assay for 6-methoxy-2-naphthylacetic acid, an active metabolite of nabumetone in human plasma and its application to bioequivalence study. <i>Biomedical Chromatography</i> , 2008, 22, 1213-1224.	0.8	10
153	HPLC-ESI-MS/MS validated method for simultaneous quantification of zopiclone and its metabolites, N-desmethyl zopiclone and zopiclone-N-oxide in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 864, 137-148.	1.2	26
154	High throughput and sensitive determination of trazodone and its primary metabolite, m-chlorophenylpiperazine, in human plasma by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 871, 44-54.	1.2	31
155	Automated liquid-liquid extraction based on 96-well plate format in conjunction with ultra-performance liquid chromatography tandem mass spectrometry (UPLC-MS/MS) for the quantitation of methoxsalen in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 872, 167-171.	1.2	17
156	Liquid chromatography tandem mass spectrometry assay for the simultaneous determination of venlafaxine and O-desmethylvenlafaxine in human plasma and its application to a bioequivalence study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 47, 603-611.	1.4	36
157	Quantitation of donepezil and its active metabolite 6-O-desmethyl donepezil in human plasma by a selective and sensitive liquid chromatography-tandem mass spectrometric method. <i>Analytica Chimica Acta</i> , 2008, 629, 145-157.	2.6	27
158	Design, synthesis, characterization, and preliminary complexation studies of chromogenic vanadophiles: 1,3-alternate thiacalix[4]arene tetrahydroxamic acids. <i>Tetrahedron</i> , 2008, 64, 2057-2062.	1.0	6
159	Genesis of thiacalixarenes: a one-pot highly efficient synthesis of TC4A. <i>Tetrahedron Letters</i> , 2008, 49, 3087-3091.	0.7	7
160	Rapid LC-ESI-MS-MS Method for the Simultaneous Determination of Clopidogrel and its Carboxylic Acid Metabolite in Human Plasma. <i>Journal of Chromatographic Science</i> , 2008, 46, 867-875.	0.7	34
161	Development and Validation of a Rapid Liquid Chromatography Tandem Mass Spectrometry Method to Quantify Nevirapine in Human Plasma and its Application to Bioequivalence Study in Healthy Human Subjects. <i>Analytical Letters</i> , 2007, 40, 1147-1165.	1.0	8
162	A high throughput and selective method for the estimation of valproic acid an antiepileptic drug in human plasma by tandem LC-MS/MS. <i>Talanta</i> , 2007, 72, 80-88.	2.9	40

#	ARTICLE	IF	CITATIONS
163	A rapid and specific approach for direct measurement of pravastatin concentration in plasma by LC-MS/MS employing solid-phase extraction. <i>Biomedical Chromatography</i> , 2007, 21, 67-78.	0.8	21
164	Liquid chromatography tandem mass spectrometry method for simultaneous determination of antidiabetic drugs metformin and glyburide in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 97-106.	1.4	88
165	Electrospray ionization LC-MS/MS validated method to quantify griseofulvin in human plasma and its application to bioequivalence study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 850, 318-326.	1.2	14
166	High throughput LC-MS/MS method for simultaneous quantification of lamivudine, stavudine and nevirapine in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 853, 320-332.	1.2	44
167	Merrifield Resin Supported Chelate Forming Calix[4]arene-o-vanillinthiosemicarbazone Resin Employed for the Separation, Preconcentration and Trace Determination of Cr(VI), As(III) and Tl(I) in Water Samples. <i>Separation Science and Technology</i> , 2006, 41, 123-147.	1.3	17
168	Simultaneous preconcentration of uranium(VI) and thorium(IV) from aqueous solutions using a chelating calix[4]arene anchored chloromethylated polystyrene solid phase. <i>Talanta</i> , 2006, 70, 257-266.	2.9	122
169	Determination of levetiracetam in human plasma by liquid chromatography/electrospray tandem mass spectrometry and its application to bioequivalence studies. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2539-2547.	0.7	39
170	An extensive study on isosorbide-5-mononitrate acid adducts for quantification in human plasma using liquid chromatography/electrospray ionization tandem mass spectrometry and its application to bioequivalence sample analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2921-2931.	0.7	7
171	Liquid chromatography/electrospray ionization tandem mass spectrometry validated method for the simultaneous quantification of sibutramine and its primary and secondary amine metabolites in human plasma and its application to a bioequivalence study. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 3509-3521.	0.7	17
172	Liquid chromatography-tandem mass spectrometry validated method for the estimation of indapamide in human whole blood. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 834, 149-154.	1.2	20
173	First LC-MS/MS electrospray ionization validated method for the quantification of perindopril and its metabolite perindoprilat in human plasma and its application to bioequivalence study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 837, 92-100.	1.2	25
174	Selective Extraction, Preconcentration and Transport Studies of Thorium(IV) Using Octa-Functionalized Calix[4]resorcinarene-Hydroxamic Acid. <i>Analytical Sciences</i> , 2005, 21, 129-135.	0.8	40
175	Rapid and sensitive method for the determination of sertraline in human plasma using liquid chromatography-tandem mass spectrometry (LC-MS/MS). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 829, 69-74.	1.2	48
176	Molecular octopus: octa functionalized calix[4]resorcinarene-hydroxamic acid [C4RAHA] for selective extraction, separation and preconcentration of U(VI). <i>Talanta</i> , 2005, 65, 466-475.	2.9	32
177	Application of a Chelate Forming Calix[4]arene-o-vanillinthiosemicarbazone Resin to the Separation, Preconcentration and Trace Determination of Cu(II), Cd(II) and Pb(II) in Natural Water Samples. <i>Mikrochimica Acta</i> , 2004, 147, 253.	2.5	20
178	Pre-concentration, separation and trace determination of lanthanum(III), cerium(III), thorium(IV) and uranium(VI) on polymer supported o-vanillinsemicarbazone. <i>Analytica Chimica Acta</i> , 2001, 429, 237-246.	2.6	194
179	Title is missing!. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2001, 250, 459-464.	0.7	26
180	Solvent extraction, separation of uranium (VI) with crown ether. <i>Separation and Purification Technology</i> , 2000, 20, 177-183.	3.9	68

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181	Sequential liquid-liquid extraction graphite furnace atomic absorption spectrometric (GFAAS) and spectrophotometric determination of zirconium(IV) with calixarene hydroxamic acid. <i>Talanta</i> , 1998, 46, 1041-1049.	2.9	12
182	Solvent extraction, spectrophotometric and inductively coupled plasma atomic emission spectroscopic (ICP-AES) determination of lanthanum(III) with crown hydroxamic acid. <i>Talanta</i> , 1997, 44, 1307-1312.	2.9	15
183	Application of chelate forming resin Amberlite XAD-2-o-vanillinthiosemicarbazone to the separation and preconcentration of copper(II), zinc(II) and lead(II). <i>Talanta</i> , 1997, 45, 397-404.	2.9	95
184	Hybrid solid-phase extraction to overcome interference due to phospholipids for determination of neratinib in human plasma using UPLC-MS/MS. <i>Biomedical Chromatography</i> , 0, , .	0.8	1
185	A Status Update on the Development of Polymer and Metal-Based Graphene Electrochemical Sensors for Detection and Quantitation of Bisphenol A. <i>Critical Reviews in Analytical Chemistry</i> , 0, , 1-22.	1.8	4