

# Gertrud E Morlock

## List of Publications by Year in descending order

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186  
papers

5,256  
citations

76294

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133188

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g-index

191  
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191  
docs citations

191  
times ranked

2994  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast detection of apricot product frauds by added pumpkin via planar chromatography and chemometrics: Greenness assessment by analytical eco-scale. Food Chemistry, 2022, 374, 131714.	4.2	6
2	Profile comparison and valorization of Tunisian <i>Salvia aegyptiaca</i> and <i>S. verbenaca</i> aerial part extracts via hyphenated high-performance thin-layer chromatography. Journal of Chromatography A, 2022, 1673, 463057.	1.8	4
3	Baobab pulp authenticity and quality control by multi-imaging high-performance thin-layer chromatography. Food Chemistry, 2022, 390, 133108.	4.2	6
4	Non-target bioactive compound profiles of coffee roasts and preparations. Food Chemistry, 2022, 391, 133263.	4.2	6
5	Effect-Directed Profiling of Monofloral honeys from Ethiopia by High-Performance Thin-Layer Chromatography and High-Resolution Mass Spectrometry. Molecules, 2022, 27, 3541.	1.7	2
6	Evidence that Indo-Pacific bottlenose dolphins self-medicate with invertebrates in coral reefs. IScience, 2022, 25, 104271.	1.9	5
7	Multiplex planar bioassay detecting estrogens, antiestrogens, false-positives and synergists as sharp zones on normal phase. Phytomedicine, 2022, 103, 154230.	2.3	15
8	Quality Assessment of Apple and Grape Juices from Serbian and German Markets by Planar Chromatography and Chemometrics. Molecules, 2022, 27, 3933.	1.7	0
9	Reagent sequence for planar chromatographic analysis of eight sweeteners in food products approved in the European Union. Journal of Planar Chromatography - Modern TLC, 2022, 35, 273-279.	0.6	1
10	<i>Bacillus subtilis</i> spores in probiotic feed quantified via bacterial metabolite using planar chromatography. Analytica Chimica Acta, 2022, 1221, 340124.	2.6	5
11	Multiplex planar bioassay with reduced diffusion on normal phase, identifying androgens, verified antiandrogens and synergists in botanicals via 12D hyphenation. Food Chemistry, 2022, 395, 133610.	4.2	18
12	Comprehensive bioanalytical multi-imaging by planar chromatography in situ combined with biological and biochemical assays highlights bioactive fatty acids in abelmosk. Talanta, 2021, 223, 121701.	2.9	12
13	Bioactive clerodane diterpenes of giant goldenrod ( <i>Solidago gigantea</i> Ait.) root extract. Journal of Chromatography A, 2021, 1635, 461727.	1.8	16
14	Honeybee colonies compensate for pesticide-induced effects on royal jelly composition and brood survival with increased brood production. Scientific Reports, 2021, 11, 62.	1.6	17
15	Effect-directed profiling of <i>Ficus religiosa</i> leaf extracts for multipotent compounds via 12 effect-directed assays. Journal of Chromatography A, 2021, 1637, 461836.	1.8	11
16	Effect-Directed Profiling of 17 Different Fortified Plant Extracts by High-Performance Thin-Layer Chromatography Combined with Six Planar Assays and High-Resolution Mass Spectrometry. Molecules, 2021, 26, 1468.	1.7	12
17	Imaging high-performance thin-layer chromatography as powerful tool to visualize metabolite profiles of eight <i>Bacillus</i> candidates upon cultivation and growth behavior. Journal of Chromatography A, 2021, 1640, 461929.	1.8	7
18	Authentication of Commercial Powdered Tea Extracts ( <i>Camellia sinensis</i> L.) by Gas Chromatography. ACS Food Science & Technology, 2021, 1, 596-604.	1.3	9

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19	Miniaturized all-in-one nanoGIT+active system for on-surface metabolization, separation and effect imaging. <i>Analytica Chimica Acta</i> , 2021, 1154, 338307.	2.6	14
20	Elicitation of antioxidant metabolites in <i>Musa</i> species in vitro shoot culture using sucrose, temperature and jasmonic acid. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 146, 225-236.	1.2	10
21	Non-target bioanalytical eight-dimensional hyphenation including bioassay, heart-cut trapping, online desalting, orthogonal separations and mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1647, 462154.	1.8	33
22	High-throughput planar solid-phase extraction coupled to orbitrap high-resolution mass spectrometry via the autoTLC-MS interface for screening of 66 multi-class antibiotic residues in food of animal origin. <i>Food Chemistry</i> , 2021, 351, 129211.	4.2	29
23	Effect-directed profiling of 32 vanilla products, characterization of multi-potent compounds and quantification of vanillin and ethylvanillin. <i>Journal of Chromatography A</i> , 2021, 1652, 462377.	1.8	9
24	On-surface autosampling for liquid chromatography~mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1651, 462334.	1.8	29
25	Open-source all-in-one LabToGo Office Chromatography. <i>Analytica Chimica Acta</i> , 2021, 1174, 338702.	2.6	10
26	Effects of the Probiotic Activity of <i>Bacillus subtilis</i> DSM 29784 in Cultures and Feeding Stuff. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 11272-11281.	2.4	7
27	Eight different bioactivity profiles of 40 cinnamons by multi-imaging planar chromatography hyphenated with effect~directed assays and high-resolution mass spectrometry. <i>Food Chemistry</i> , 2021, 357, 129135.	4.2	15
28	A bioimaging system combining human cultured reporter cells and planar chromatography to identify novel bioactive molecules. <i>Analytica Chimica Acta</i> , 2021, 1183, 338956.	2.6	12
29	High-performance thin-layer chromatography combined with effect-directed assays and high-resolution mass spectrometry as an emerging hyphenated technology: A tutorial review. <i>Analytica Chimica Acta</i> , 2021, 1180, 338644.	2.6	47
30	Nanomole-scaled high-throughput chemistry plus direct bioautography on the same chromatography plate for drug discovery. <i>Analytica Chimica Acta</i> , 2021, 1182, 338950.	2.6	5
31	Effect-Directed Profiling of Powdered Tea Extracts for Catechins, Theaflavins, Flavonols and Caffeine. <i>Antioxidants</i> , 2021, 10, 117.	2.2	27
32	Detection of low levels of genotoxic compounds in food contact materials using an alternative HPTLC-SOS-Umu-C assay. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2021, 38, 387-397.	0.9	13
33	High-throughput enzyme inhibition screening of 44 Iranian medicinal plants via piezoelectric spraying of planar cholinesterase assays. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1184, 122956.	1.2	4
34	Goldenrod Root Compounds Active against Crop Pathogenic Fungi. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 12686-12694.	2.4	13
35	Puree and Juice of Thai Mango and Pineapple Analyzed by High-Performance Thin-Layer Chromatography Hyphenated with Effect-Directed Assays. <i>Molecules</i> , 2021, 26, 7683.	1.7	4
36	Distinction and valorization of 30 root extracts of five goldenrod ( <i>Solidago</i> ) species. <i>Journal of Chromatography A</i> , 2020, 1611, 460602.	1.8	31

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37	Guided isolation of new iridoid glucosides from <i>Anarrhinum pubescens</i> by high-performance thin-layer chromatography-acetylcholinesterase assay. <i>Journal of Chromatography A</i> , 2020, 1609, 460438.	1.8	10
38	Open-source add-on kit for automation of zone elution in planar chromatography. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8631.	0.7	22
39	Isolation of flavonoids from <i>Musa acuminata</i> Colla (Simili radjah, ABB) and the in vitro inhibitory effects of its leaf and fruit fractions on free radicals, acetylcholinesterase, 15- $\Delta$ -lipooxygenase, and carbohydrate hydrolyzing enzymes. <i>Journal of Food Biochemistry</i> , 2020, 44, e13137.	1.2	17
40	Effect-directed profiling and identification of bioactive metabolites from field, in vitro-grown and acclimatized <i>Musa</i> spp. accessions using high-performance thin-layer chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1616, 460774.	1.8	9
41	Same analytical method for both (bio)assay and zone isolation to identify/quantify bioactive compounds by quantitative nuclear magnetic resonance spectroscopy. <i>Journal of Chromatography A</i> , 2020, 1628, 461434.	1.8	10
42	Effect-directed analysis of bioactive compounds in <i>Cannabis sativa</i> L. by high-performance thin-layer chromatography. <i>Journal of Chromatography A</i> , 2020, 1629, 461511.	1.8	15
43	New incorporation of the S9 metabolizing system into methods for detecting acetylcholinesterase inhibition. <i>Analytica Chimica Acta</i> , 2020, 1129, 76-84.	2.6	12
44	High-performance thin-layer chromatography hyphenated to high-performance liquid chromatography-diode array detection-mass spectrometry for characterization of coeluting isomers. <i>Talanta</i> , 2020, 219, 121306.	2.9	21
45	Non-targeted detection and differentiation of agonists versus antagonists, directly in bioprofiles of everyday products. <i>Analytica Chimica Acta</i> , 2020, 1125, 288-298.	2.6	29
46	Orthogonal Hyphenation of Planar and Liquid Chromatography for Mass Spectrometry of Biomarkers out of the Bioassay Matrix (NP-HPTLC-UV/vis/FLD-Bioassay-RP/IEX-HPLC-UV/vis-ESI-MS). <i>Analytical Chemistry</i> , 2020, 92, 9057-9064.	3.2	20
47	The Bacterial Microbiome of the Long-Term Aquarium Cultured High-Microbial Abundance Sponge <i>Haliclona cnidata</i> – Sustained Bioactivity Despite Community Shifts Under Detrimental Conditions. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	12
48	New planar assay for streamlined detection and quantification of $\beta$ -glucuronidase inhibitors applied to botanical extracts. <i>Analytica Chimica Acta: X</i> , 2020, 4, 100039.	2.8	6
49	Cholestasis impairs hepatic lipid storage via AMPK and CREB signaling in hepatitis B virus surface protein transgenic mice. <i>Laboratory Investigation</i> , 2020, 100, 1411-1424.	1.7	12
50	HI-HPTLC-UV/Vis/FLD-HESI-HRMS and bioprofiling of steviol glycosides, steviol, and isosteviol in <i>Stevia</i> leaves and foods. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6431-6448.	1.9	25
51	Lovastatin in lactone and hydroxy acid forms and citrinin in red yeast rice powders analyzed by HPTLC-UV/FLD. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 6655-6665.	1.9	15
52	Effect-directed screening of <i>Bacillus</i> lipopeptide extracts via hyphenated high-performance thin-layer chromatography. <i>Journal of Chromatography A</i> , 2019, 1605, 460366.	1.8	10
53	Effect-directed analysis by high-performance thin-layer chromatography for bioactive metabolites tracking in <i>Primula veris</i> flower and <i>Primula boveana</i> leaf extracts. <i>Journal of Chromatography A</i> , 2019, 1605, 460371.	1.8	16
54	Equivalency calculation of unknown enzyme inhibitors in situ the adsorbent of effect-directed autograms. <i>Analytical Methods</i> , 2019, 11, 4939-4945.	1.3	9

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55	Quantitative inkjet application on self-printed, binder-free HPTLC layers for submicromole-scaled analytical <sup>1</sup> H NMR spectroscopy. <i>Analytica Chimica Acta</i> , 2019, 1087, 131-139.	2.6	11
56	Automated piezoelectric spraying of biological and enzymatic assays for effect-directed analysis of planar chromatograms. <i>Journal of Chromatography A</i> , 2019, 1602, 458-466.	1.8	26
57	New Antidiabetic and Free-Radical Scavenging Potential of Strictosamide in <i>Sarcocephalus pobeguini</i> Ground Bark Extract via Effect-Directed Analysis. <i>ACS Omega</i> , 2019, 4, 5038-5043.	1.6	15
58	Effect-directed profiling of aqueous, fermented plant preparations via high-performance thin-layer chromatography combined with <i>in situ</i> assays and high-resolution mass spectrometry. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2019, 42, 266-273.	0.5	16
59	Comparison of high-performance thin-layer with overpressured layer chromatography combined with direct bioautography and direct analysis in real time mass spectrometry for tansy root. <i>Journal of Chromatography A</i> , 2019, 1603, 355-360.	1.8	24
60	In-process quality control of wine by planar chromatography versus micro planar chromatography. <i>Journal of Chromatography A</i> , 2019, 1588, 137-149.	1.8	9
61	Development of a new particulate 4- $\mu$ m adsorbent layer for ultrathin-layer chromatography (miniaturized chromatogram). <i>Journal of Chromatography A</i> , 2019, 1587, 247-255.	1.8	7
62	Phenolic fingerprints and quality assessment of three types of beer. <i>Journal of Planar Chromatography - Modern TLC</i> , 2019, 32, 191-196.	0.6	4
63	Fingerprinting and characterization of anthocyanins in 94 colored wheat varieties and blue aleurone and purple pericarp wheat crosses. <i>Journal of Chromatography A</i> , 2018, 1538, 75-85.	1.8	15
64	Discovered acetylcholinesterase inhibition and antibacterial activity of polyacetylenes in tansy root extract via effect-directed chromatographic fingerprints. <i>Journal of Chromatography A</i> , 2018, 1543, 73-80.	1.8	25
65	Analysis of unauthorized Sudan dyes in food by high-performance thin-layer chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5641-5651.	1.9	36
66	Effect-directed classification of biological, biochemical and chemical profiles of 50 German beers. <i>Food Chemistry</i> , 2018, 260, 344-353.	4.2	29
67	Effect-directed analysis via hyphenated high-performance thin-layer chromatography for bioanalytical profiling of sunflower leaves. <i>Journal of Chromatography A</i> , 2018, 1533, 213-220.	1.8	35
68	Bioprofiling of <i>Salvia miltiorrhiza</i> via planar chromatography linked to (bio)assays, high resolution mass spectrometry and nuclear magnetic resonance spectroscopy. <i>Journal of Chromatography A</i> , 2018, 1533, 180-192.	1.8	37
69	Powerful Artificial Neural Network for Planar Chromatographic Image Evaluation, Shown for Denoising and Feature Extraction. <i>Analytical Chemistry</i> , 2018, 90, 6984-6991.	3.2	21
70	Planar chromatographic screening and quantification of coumarin in food, confirmed by mass spectrometry. <i>Food Chemistry</i> , 2018, 239, 1182-1191.	4.2	28
71	Effect-directed analysis of ginger ( <i>Zingiber officinale</i> ) and its food products, and quantification of bioactive compounds via high-performance thin-layer chromatography and mass spectrometry. <i>Food Chemistry</i> , 2018, 243, 258-268.	4.2	50
72	High-Performance Thin-Layer Chromatography Coupled with Electrospray Ionization Tandem Mass Spectrometry for Identifying Neutral Lipids and Sphingolipids in Complex Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 1993-2000.	0.7	11

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73	Fast Equivalency Estimation of Unknown Enzyme Inhibitors in Situ the Effect-Directed Fingerprint, Shown for <i>Bacillus</i> Lipopeptide Extracts. <i>Analytical Chemistry</i> , 2018, 90, 14260-14268.	3.2	26
74	Bioassays and Further Effect-Directed Detections in Chromatography. , 2018, , 261-261.		1
75	icCluster software, an open-source in silico tool, and on-surface syntheses, an in situ concept, both exploited for signal highlighting in high-resolution mass spectrometry to ease structure elucidation in planar chromatography. <i>Journal of Chromatography A</i> , 2018, 1577, 101-108.	1.8	8
76	Office Chromatography: Miniaturized All-in-One Open-Source System for Planar Chromatography. <i>Analytical Chemistry</i> , 2018, 90, 12647-12654.	3.2	22
77	All on one high-performance thin-layer chromatography plate: solvent-free nanomole-scaled on-surface synthesis, workup and online high-resolution mass spectrometry for elucidation of two new degradation products in an ifosfamide formulation. <i>Journal of Chromatography A</i> , 2018, 1572, 145-151.	1.8	6
78	quanTLC, an online open-source solution for videodensitometric quantification. <i>Journal of Chromatography A</i> , 2018, 1560, 78-81.	1.8	25
79	Effect-directed analysis of <i>Pimpinella saxifraga</i> L. root extract via HPTLCâ€“UV/Vis/FLDâ€“EDAâ€“MS. <i>Journal of Planar Chromatography - Modern TLC</i> , 2018, 31, 79-86.	0.6	4
80	Direct bioautography hyphenated to direct analysis in real time mass spectrometry: Chromatographic separation, bioassay and mass spectra, all in the same sample run. <i>Journal of Chromatography A</i> , 2018, 1568, 188-196.	1.8	25
81	Simultaneous determination of mono-, di-, oligo- and polysaccharides via planar chromatography in 4 different prebiotic foods and 60 naturally degraded inulin samples. <i>Journal of Chromatography A</i> , 2018, 1569, 212-221.	1.8	11
82	Selected Plant Metabolites Involved in Oxidation-Reduction Processes during Bud Dormancy and Ontogenetic Development in Sweet Cherry Buds ( <i>Prunus avium</i> L.). <i>Molecules</i> , 2018, 23, 1197.	1.7	18
83	Open-Source-Based 3D Printing of Thin Silica Gel Layers in Planar Chromatography. <i>Analytical Chemistry</i> , 2017, 89, 2116-2122.	3.2	49
84	Bioprofiling of Salicaceae bud extracts through high-performance thin-layer chromatography hyphenated to biochemical, microbiological and chemical detections. <i>Journal of Chromatography A</i> , 2017, 1490, 201-211.	1.8	46
85	Quantification of steviol glycosides in food products, <i>Stevia</i> leaves and formulations by planar chromatography, including proof of absence for steviol and isosteviol. <i>Journal of Chromatography A</i> , 2017, 1506, 109-119.	1.8	19
86	Effect-directed fingerprints of 77 botanical extracts via a generic high-performance thin-layer chromatography method combined with assays and mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1529, 93-106.	1.8	39
87	Synergistic effect of lecithins for tocopherols: formation and antioxidant effect of the phosphatidylethanolamineâ€“l-ascorbic acid condensate. <i>European Food Research and Technology</i> , 2017, 243, 583-596.	1.6	15
88	High-performance thin-layer chromatography combined with pattern recognition techniques as tool to distinguish thickening agents. <i>Food Hydrocolloids</i> , 2017, 64, 78-84.	5.6	11
89	Performance of Electropun Polyacrylonitrile Nanofibrous Phases, Shown for the Separation of Water-Soluble Food Dyes via UTLC-Vis-ESI-MS. <i>Nanomaterials</i> , 2017, 7, 218.	1.9	6
90	Challenges in quantitative high-performance thin-layer chromatography â€” Part 2: Influence of the application mode on the result. <i>Journal of Planar Chromatography - Modern TLC</i> , 2017, 30, 411-417.	0.6	10

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91	Bioprofiling of Cosmetics with Focus on Streamlined Coumarin Analysis. ACS Omega, 2017, 2, 5242-5250.	1.6	41
92	CONFIRMATION OF DEOXYNIV ALENOL PRESENCE IN CHILEAN WHEAT BY HIGH-PERFORMANCE THIN-LAYER CHROMATOGRAPHY-MASS SPECTROMETRY. Journal of the Chilean Chemical Society, 2017, 62, 3435-3437.	0.5	5
93	Improved desorption/ionization and ion transmission in surface scanning by direct analysis in real time mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 321-332.	0.7	29
94	Miniaturization of Instrumental Planar Chromatography with Focus on Mass Spectrometry. Chromatographia, 2016, 79, 797-810.	0.7	13
95	The influence of preprocessing methods on multivariate image analysis in high-performance thin-layer chromatography fingerprinting. Journal of Planar Chromatography - Modern TLC, 2016, 29, 310-317.	0.6	13
96	Streamlined structure elucidation of an unknown compound in a pigment formulation. Journal of Chromatography A, 2016, 1469, 120-127.	1.8	21
97	Profiling and classification of French propolis by combined multivariate data analysis of planar chromatograms and scanning direct analysis in real time mass spectra. Journal of Chromatography A, 2016, 1465, 197-204.	1.8	43
98	Separation of pigment formulations by high-performance thin-layer chromatography with automated multiple development. Journal of Chromatography A, 2016, 1462, 134-145.	1.8	10
99	Effect-Directed Discovery of Bioactive Compounds Followed by Highly Targeted Characterization, Isolation and Identification, Exemplarily Shown for <i>Solidago virgaurea</i> . Analytical Chemistry, 2016, 88, 8202-8209.	3.2	50
100	Proof-of-Principle of rTLC, an Open-Source Software Developed for Image Evaluation and Multivariate Analysis of Planar Chromatograms. Analytical Chemistry, 2016, 88, 12494-12501.	3.2	57
101	From Bioprofiling and Characterization to Bioquantification of Natural Antibiotics by Direct Bioautography Linked to High-Resolution Mass Spectrometry: Exemplarily Shown for <i>Salvia miltiorrhiza</i> Root. Analytical Chemistry, 2016, 88, 10979-10986.	3.2	53
102	Layer-Induced Sensitivity Enhancement in Planar Chromatographyâ€“Bioluminescenceâ€“Mass Spectrometry: Application to Alkaloids. Chromatographia, 2016, 79, 89-96.	0.7	11
103	Modern direct bioautography for fast screening and characterization of active compounds in plant extracts used in cosmetics. Planta Medica, 2016, 81, S1-S381.	0.7	0
104	In Memoriam Dr.habil. Friedrich Geiss (1932â€“2015). Acta Chromatographica, 2015, 27, 189-194.	0.7	0
105	Production of cyathane type secondary metabolites by submerged cultures of <i>Hericium erinaceus</i> and evaluation of their antibacterial activity by direct bioautography. Fungal Biology and Biotechnology, 2015, 2, 8.	2.5	16
106	Quantitative surface scanning by Direct Analysis in Real Time mass spectrometry. Rapid Communications in Mass Spectrometry, 2015, 29, 474-484.	0.7	44
107	Aspects of surface scanning by direct analysis in real time mass spectrometry employing plasma glow visualization. Rapid Communications in Mass Spectrometry, 2015, 29, 1242-1252.	0.7	12
108	Analysis of Bioactive Components of Oilseed Cakes by High-Performance Thin-Layer Chromatography-(Bio)assay Combined with Mass Spectrometry. Chromatography (Basel), 2015, 2, 125-140.	1.2	14

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109	Challenges in quantitative high-performance thin-layer chromatography â€” Part 1: Influence of densitometric settings on the result. <i>Journal of Planar Chromatography - Modern TLC</i> , 2015, 28, 426-435.	0.6	5
110	Content of carbohydrates in tropical rainforest nectars of <i>Marantaceae</i> using high-performance thin-layer chromatography. <i>Journal of Planar Chromatography - Modern TLC</i> , 2015, 28, 162-166.	0.6	9
111	HPTLC Study of the Monosaccharide Composition of a Polysaccharide from <i>Apocynum venetum</i> Leaves. <i>Chemistry of Natural Compounds</i> , 2015, 51, 130-131.	0.2	2
112	Microfabrication, separations, and detection by mass spectrometry on ultrathin-layer chromatography plates prepared via the low-pressure chemical vapor deposition of silicon nitride onto carbon nanotube templates. <i>Journal of Chromatography A</i> , 2015, 1404, 115-123.	1.8	21
113	Office Chromatography: Precise printing of sample solutions on miniaturized thin-layer phases and utilization for scanning Direct Analysis in Real Time mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1413, 127-134.	1.8	18
114	High-performance thin-layer chromatography linked with (bio)assays and mass spectrometry â€” A suited method for discovery and quantification of bioactive components? Exemplarily shown for turmeric and milk thistle extracts. <i>Journal of Chromatography A</i> , 2015, 1394, 137-147.	1.8	34
115	Effect-directed analysis of cold-pressed hemp, flax and canola seed oils by planar chromatography linked with (bio)assays and mass spectrometry. <i>Food Chemistry</i> , 2015, 187, 460-468.	4.2	22
116	Correct assignment of lipophilic dye mixtures? A case study for high-performance thin-layer chromatographyâ€”mass spectrometry and performance data for the TLCâ€”MS Interface. <i>Journal of Chromatography A</i> , 2015, 1390, 103-111.	1.8	16
117	Comparison and Characterization of Soybean and Sunflower Lecithins Used for Chocolate Production by High-Performance Thin-Layer Chromatography with Fluorescence Detection and Electrospray Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 2893-2901.	2.4	20
118	Bioprofiling of Surface/Wastewater and Bioquantitation of Discovered Endocrine-Active Compounds by Streamlined Direct Bioautography. <i>Analytical Chemistry</i> , 2015, 87, 11098-11104.	3.2	52
119	Tracking and identification of antibacterial components in the essential oil of <i>Tanacetum vulgare</i> L. by the combination of high-performance thin-layer chromatography with direct bioautography and mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1422, 310-317.	1.8	58
120	Effect-directed analysis of fresh and dried elderberry ( <i>Sambucus nigra</i> L.) via hyphenated planar chromatography. <i>Journal of Chromatography A</i> , 2015, 1426, 209-219.	1.8	35
121	Bioprofiling of unknown antibiotics in herbal extracts: Development of a streamlined direct bioautography using <i>Bacillus subtilis</i> linked to mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1420, 110-118.	1.8	63
122	Miniaturized planar chromatography using office peripherals â€” Office chromatography. <i>Journal of Chromatography A</i> , 2015, 1382, 87-96.	1.8	24
123	Applications in Food Analysis. , 2015, , 407-429.		1
124	Chromatography Combined with Bioassays and Other Hyphenations â€” The Direct Link to the Compound Indicating the Effect. <i>ACS Symposium Series</i> , 2014, , 101-121.	0.5	12
125	Analysis of anthocyanins in powdered berry extracts by planar chromatography linked with bioassay and mass spectrometry. <i>Food Chemistry</i> , 2014, 146, 104-112.	4.2	45
126	Combined multivariate data analysis of high-performance thin-layer chromatography fingerprints and direct analysis in real time mass spectra for profiling of natural products like propolis. <i>Journal of Chromatography A</i> , 2014, 1328, 104-112.	1.8	90



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127	Maturity-related changes in venom toxicity of the freshwater stingray <i>Potamotrygon leopoldi</i> . <i>Toxicol</i> , 2014, 92, 97-101.	0.8	11
128	Liquid Chromatography-Bioassay-Mass Spectrometry for Profiling of Physiologically Active Food. <i>Analytical Chemistry</i> , 2014, 86, 8289-8295.	3.2	54
129	Sharp-bounded zones link to the effect in planar chromatography-bioassay-mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1360, 288-295.	1.8	77
130	BACKGROUND MASS SIGNALS IN TLC/HPTLC-ESI-MS AND PRACTICAL ADVICES FOR USE OF THE TLC-MS INTERFACE. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 2892-2914.	0.5	65
131	Streamlined analysis of lactose-free dairy products. <i>Journal of Chromatography A</i> , 2014, 1324, 215-223.	1.8	40
132	High-performance thin-layer chromatography analysis of steviol glycosides in Stevia formulations and sugar-free food products, and benchmarking with (ultra) high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2014, 1350, 102-111.	1.8	42
133	Letter: Characterization of Volatile and Semi-Volatile Compounds in Green and Fermented Leaves of <i>Bergenia Crassifolia</i> L. by Gas Chromatography-Mass Spectrometry and ID-CUBE Direct Analysis in Real Time-High Resolution Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2014, 20, 199-205.	0.5	11
134	Planar Chromatography Mass Spectrometry. , 2014, , .		3
135	Determination of Antidiabetic Polysaccharides of <i>Ocimum basilicum</i> Seeds Indigenous to Xinjiang of China by High-Performance Thin-Layer Chromatography-UV/Vis-Mass Spectrometry. <i>Journal of Planar Chromatography - Modern TLC</i> , 2014, 27, 11-18.	0.6	12
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