

Hassan Y Aboul-Enein

List of Publications by Year in descending order

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757
papers

16,273
citations

31976

53
h-index

46799

89
g-index

814
all docs

814
docs citations

814
times ranked

14386
citing authors

#	ARTICLE	IF	CITATIONS
1	Radical scavenging and antioxidant activity of tannic acid. <i>Arabian Journal of Chemistry</i> , 2010, 3, 43-53.	4.9	657
2	X-Ray Diffraction: Instrumentation and Applications. <i>Critical Reviews in Analytical Chemistry</i> , 2015, 45, 289-299.	3.5	404
3	Antioxidant activity of clove oil – A powerful antioxidant source. <i>Arabian Journal of Chemistry</i> , 2012, 5, 489-499.	4.9	312
4	Lipase-mediated chiral resolution of racemates in organic solvents. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 3331-3351.	1.8	289
5	Surface Plasmon Resonance (SPR) Biosensors in Pharmaceutical Analysis. <i>Critical Reviews in Analytical Chemistry</i> , 2015, 45, 97-105.	3.5	262
6	Analysis of Pharmaceuticals and Biological Fluids Using Modern Electroanalytical Techniques. <i>Critical Reviews in Analytical Chemistry</i> , 2003, 33, 155-181.	3.5	214
7	Oxidative stress in biological systems and its relation with pathophysiological functions: the effect of physical activity on cellular redox homeostasis. <i>Free Radical Research</i> , 2019, 53, 497-521.	3.3	145
8	Poly(methyl methacrylate) with TiO ₂ nanoparticles inclusion for stereolithographic complete denture manufacturing – the future in dental care for elderly edentulous patients?. <i>Journal of Dentistry</i> , 2017, 59, 68-77.	4.1	129
9	Chiral Analysis of Ibuprofen Residues in Water and Sediment. <i>Analytical Letters</i> , 2009, 42, 1747-1760.	1.8	128
10	Molecularly imprinted polymer solid-phase extraction for the analysis of organophosphorus pesticides in fruit samples. <i>Journal of Food Composition and Analysis</i> , 2013, 32, 155-161.	3.9	127
11	Radical scavenging activity and antioxidant capacity of bay leaf extracts. <i>Journal of the Iranian Chemical Society</i> , 2006, 3, 258-266.	2.2	125
12	Reactive Oxygen and Nitrogen Species in Carcinogenesis: Implications of Oxidative Stress on the Progression and Development of Several Cancer Types. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017, 17, 904-919.	2.4	123
13	Metal ion speciation and capillary electrophoresis: Application in the new millennium. <i>Electrophoresis</i> , 2005, 26, 3988-4002.	2.4	122
14	Chiral separations of piperidine-2,6-dione analogues on Chiralpak IA and Chiralpak IB columns by using HPLC. <i>Talanta</i> , 2006, 69, 1013-1017.	5.5	118
15	High-performance liquid chromatographic enantioseparation of drugs containing multiple chiral centers on polysaccharide-type chiral stationary phases. <i>Journal of Chromatography A</i> , 2001, 906, 185-193.	3.7	116
16	Enantioselective Toxicity and Carcinogenesis. <i>Current Pharmaceutical Analysis</i> , 2005, 1, 109-125.	0.6	115
17	Optimization strategies for HPLC enantioseparation of racemic drugs using polysaccharides and macrocyclic glycopeptide antibiotic chiral stationary phases. <i>Il Farmaco</i> , 2002, 57, 513-529.	0.9	114
18	Studies on the effect of alcohols on the chiral discrimination mechanisms of amylose stationary phase on the enantioseparation of neбиволол by HPLC. <i>Journal of Proteomics</i> , 2001, 48, 175-188.	2.4	112

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19	Macrocyclic antibiotics as effective chiral selectors for enantiomeric resolution by liquid chromatography and capillary electrophoresis. <i>Chromatographia</i> , 2000, 52, 679-691.	1.3	108
20	Comparative study of the enantiomeric resolution of chiral antifungal drugs econazole, miconazole and sulconazole by HPLC on various cellulose chiral columns in normal phase mode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 27, 441-446.	2.8	108
21	The Role Oxidative Stress in the Pathogenesis of Eye Diseases: Currnt Status and a Dual Role of Physical Activity. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 16, 241-257.	2.4	108
22	Magnetic Solid-Phase Extraction Based on Modified Ferum Oxides for Enrichment, Preconcentration, and Isolation of Pesticides and Selected Pollutants. <i>Critical Reviews in Analytical Chemistry</i> , 2015, 45, 270-287.	3.5	106
23	Enantioseparation of some clinically used drugs by HPLC using cellulose Tris (3,5-dichlorophenylcarbamate) chiral stationary phase. <i>Biomedical Chromatography</i> , 2003, 17, 113-117.	1.7	105
24	Impact of immobilized polysaccharide chiral stationary phases on enantiomeric separations. <i>Journal of Separation Science</i> , 2006, 29, 762-769.	2.5	105
25	Advances in chiral separations by nonaqueous capillary electrophoresis in pharmaceutical and biomedical analysis. <i>Electrophoresis</i> , 2014, 35, 926-936.	2.4	105
26	Antioxidant Activity of Two Wild Edible Mushrooms (<i>Morchella vulgaris</i> and <i>Morchella esculanta</i>) from North Turkey. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2006, 9, 443-448.	1.1	104
27	Chiral separation of β -adrenergic blockers on CelluCoat column by HPLC. <i>Talanta</i> , 2009, 78, 458-463.	5.5	101
28	Role of racemization in optically active drugs development. <i>Chirality</i> , 2007, 19, 453-463.	2.6	96
29	Mechanistic Principles in Chiral Separations Using Liquid Chromatography and Capillary Electrophoresis. <i>Chromatographia</i> , 2006, 63, 295-307.	1.3	87
30	Rapid determination of organophosphorous pesticides in leeks by gas chromatography-triple quadrupole mass spectrometry. <i>Food Chemistry</i> , 2010, 122, 327-332.	8.2	84
31	Comparison of the chiral resolution of econazole, miconazole, and sulconazole by HPLC using normal-phase amylose CSPs. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 370, 951-955.	1.5	83
32	Determination of tadalafil in pharmaceutical preparation by HPLC using monolithic silica column. <i>Talanta</i> , 2005, 65, 276-280.	5.5	83
33	Solid phase microextraction using new sol-gel hybrid polydimethylsiloxane-2-hydroxymethyl-18-crown-6-coated fiber for determination of organophosphorous pesticides. <i>Journal of Chromatography A</i> , 2010, 1217, 4890-4897.	3.7	81
34	Pyrazoles as Promising Scaffold for the Synthesis of Anti-Inflammatory and/or Antimicrobial Agent: A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2010, 10, 1014-1033.	2.4	81
35	Development and validation of a rapid HPLC method for simultaneous determination of tramadol, and its two main metabolites in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 830, 207-211.	2.3	80
36	Application of Fourier Transform Infrared Spectrophotometry in Pharmaceutical Drugs Analysis. <i>Applied Spectroscopy Reviews</i> , 2010, 45, 206-219.	6.7	79

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37	The effect of oral absorption enhancers on the in vivo performance of insulin-loaded poly(ethylcyanoacrylate) nanospheres in diabetic rats. <i>Journal of Microencapsulation</i> , 2002, 19, 225-235.	2.8	77
38	HPLC enantiomeric resolution of novel aromatase inhibitors on cellulose- and amylose-based chiral stationary phases under reversed phase mode. <i>Chirality</i> , 2000, 12, 727-733.	2.6	76
39	HPLC enantiomeric resolution of nebivolol on normal and reversed amylose based chiral phases. <i>Die Pharmazie</i> , 2001, 56, 214-6.	0.5	75
40	Applications of capillary electrophoresis with capacitively coupled contactless conductivity detection (CE ⁴ -CCCD) in pharmaceutical and biological analysis. <i>Biomedical Chromatography</i> , 2010, 24, 1038-1044.	1.7	68
41	Chiral Separation of β -Adrenergic Blockers in Human Plasma by SPE-HPLC. <i>Chromatographia</i> , 2011, 73, 251-256.	1.3	66
42	Application of Solid-Phase Extraction for Trace Elements in Environmental and Biological Samples: A Review. <i>Critical Reviews in Analytical Chemistry</i> , 2014, 44, 233-254.	3.5	64
43	Ionic Liquids in HPLC and CE: A Hope for Future. <i>Critical Reviews in Analytical Chemistry</i> , 2017, 47, 332-339.	3.5	63
44	Detection of ractopamine residues in pork by surface plasmon resonance-based biosensor inhibition immunoassay. <i>Food Chemistry</i> , 2012, 130, 1061-1065.	8.2	62
45	Immunosensors in clinical analysis. <i>Fresenius' Journal of Analytical Chemistry</i> , 2000, 366, 659-668.	1.5	60
46	Application and comparison of immobilized and coated amylose tris-(3,5-dimethylphenylcarbamate) chiral stationary phases for the enantioselective separation of β -blockers enantiomers by liquid chromatography. <i>Talanta</i> , 2006, 68, 602-609.	5.5	59
47	Recent Developments and Applications of Chemiluminescence Sensors. <i>Critical Reviews in Analytical Chemistry</i> , 2000, 30, 271-289.	3.5	58
48	Speciation of Metal Ions by Capillary Electrophoresis. <i>Critical Reviews in Analytical Chemistry</i> , 2002, 32, 337-350.	3.5	58
49	Scavenging effects of phenolic compounds on reactive oxygen species. <i>Biopolymers</i> , 2007, 86, 222-230.	2.4	58
50	Electrochemical Sensor Arrays. <i>Critical Reviews in Analytical Chemistry</i> , 1999, 29, 133-153.	3.5	57
51	Synthesis, characterization and cytotoxicity evaluation of some new platinum(II) complexes of tetrazolo[1,5-a]quinolines. <i>European Journal of Medicinal Chemistry</i> , 2004, 39, 499-505.	5.5	57
52	Preparation and characterization of a newly water soluble lignin graft copolymer from oil palm lignocellulosic waste. <i>Carbohydrate Polymers</i> , 2010, 80, 1102-1110.	10.2	57
53	Recent Applications of Fourier Transform Infrared Spectrophotometry in Herbal Medicine Analysis. <i>Applied Spectroscopy Reviews</i> , 2011, 46, 251-260.	6.7	56
54	Chiral derivatization reagents for drug enantioseparation by high-performance liquid chromatography based upon pre-column derivatization and formation of diastereomers: enantioselectivity and related structure. <i>Biomedical Chromatography</i> , 2001, 15, 116-132.	1.7	55

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55	Simple adsorption of <i>Candida rugosa</i> lipase onto multi-walled carbon nanotubes for sustainable production of the flavor ester geranyl propionate. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 32, 99-108.	5.8	55
56	Electrochemical behavior of vardenafil on glassy carbon electrode: Determination in tablets and human serum. <i>Analytica Chimica Acta</i> , 2005, 552, 127-134.	5.4	54
57	TLC Assay of Thymoquinone in Black Seed Oil (<i>Nigella Sativa</i> Linn) and Identification of Dithymoquinone and Thymol. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1995, 18, 105-115.	1.0	53
58	Analysis of Chiral Drugs with Enantioselective Biosensors. An Overview. <i>Electroanalysis</i> , 1999, 11, 1233-1235.	2.9	53
59	Voltammetric investigation of Tamsulosin. <i>Talanta</i> , 2003, 61, 147-156.	5.5	53
60	Tungsten-based glasses for photochromic, electrochromic, gas sensors, and related applications: A review. <i>Journal of Non-Crystalline Solids</i> , 2018, 491, 43-54.	3.1	52
61	Direct separation and optimization of timolol enantiomers on a cellulose tris-3,5-dimethylphenylcarbamate high-performance liquid chromatographic chiral stationary phase. <i>Journal of Chromatography A</i> , 1990, 511, 109-114.	3.7	51
62	Amperometric biosensors/sequential injection analysis system for simultaneous determination of S- and R-captopril. <i>Biosensors and Bioelectronics</i> , 2000, 15, 1-5.	10.1	51
63	A facile enzymatic synthesis of geranyl propionate by physically adsorbed <i>Candida rugosa</i> lipase onto multi-walled carbon nanotubes. <i>Enzyme and Microbial Technology</i> , 2015, 72, 49-55.	3.2	51
64	Chiral liquid chromatography tandem mass spectrometry in the determination of the configuration of 2-hydroxyglutaric acid in urine. <i>Biomedical Chromatography</i> , 2000, 14, 317-320.	1.7	50
65	Enantioselective analysis of ofloxacin and ornidazole in pharmaceutical formulations by capillary electrophoresis using single chiral selector and computational calculation of their inclusion complexes. <i>Analytica Chimica Acta</i> , 2010, 674, 249-255.	5.4	50
66	Applications of FT-IR Spectrophotometry in Cancer Diagnostics. <i>Critical Reviews in Analytical Chemistry</i> , 2015, 45, 156-165.	3.5	50
67	Vibrational Spectroscopy in Clinical Analysis. <i>Applied Spectroscopy Reviews</i> , 2015, 50, 176-191.	6.7	50
68	Vibrational Spectroscopy in Body Fluids Analysis. <i>Critical Reviews in Analytical Chemistry</i> , 2017, 47, 67-75.	3.5	50
69	Monolithic Silica Stationary Phases in Liquid Chromatography. <i>Journal of Chromatographic Science</i> , 2009, 47, 432-442.	1.4	49
70	Enantiomeric resolution of some imidazole antifungal agents on chiralpak WH chiral stationary phase using HPLC. <i>Chromatographia</i> , 2001, 54, 200-202.	1.3	47
71	Supramolecular Analytical Application of Cucurbit[<i>n</i>]urils Using Fluorescence Spectroscopy. <i>Critical Reviews in Analytical Chemistry</i> , 2015, 45, 52-61.	3.5	47
72	Enantiomeric resolution of multiple chiral centres racemates by capillary electrophoresis. <i>Biomedical Chromatography</i> , 2016, 30, 683-694.	1.7	47

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73	Synthesis and Antimicrobial Activity of Novel Pyrazolo[3,4-b]quinoline Derivatives. <i>Archiv Der Pharmazie</i> , 2001, 334, 117-120.	4.1	46
74	Acrylamide Analysis in Food by Liquid Chromatographic and Gas Chromatographic Methods. <i>Critical Reviews in Analytical Chemistry</i> , 2014, 44, 107-141.	3.5	46
75	Application of the restricted-access precolumn packing material alkyl-diol silica in a column-switching system for the determination of ketoprofen enantiomers in horse plasma. <i>Journal of Chromatography A</i> , 2000, 871, 153-161.	3.7	45
76	Study of New Extraction Methods for Separation of Anthocyanins from Red Grape Skins: Analysis by HPLC and LC-MS/MS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008, 31, 2686-2703.	1.0	45
77	Novel multi walled carbon nanotubes/ β -cyclodextrin based carbon paste electrode for flow injection potentiometric determination of piroxicam. <i>Talanta</i> , 2012, 97, 96-102.	5.5	45
78	Studies on the antioxidant properties of some phytoestrogens. <i>Luminescence</i> , 2016, 31, 1201-1206.	2.9	45
79	Application of capillary electrophoresis for the analysis of chiral drugs in biological fluids. <i>Electrophoresis</i> , 1997, 18, 965-969.	2.4	44
80	Whats New in Chromatographic Enantioseparations. <i>Current Analytical Chemistry</i> , 2005, 1, 59-77.	1.2	44
81	Chiral Separations of Imidazole Antifungal Drugs on AmyCoat RP Column in HPLC. <i>Chromatographia</i> , 2009, 70, 223-227.	1.3	44
82	Simultaneous determination of creatine and creatinine using amperometric biosensors. <i>Talanta</i> , 2003, 60, 1223-1228.	5.5	43
83	Flow injection system with chemiluminometric detection for enzymatic determination of ascorbic acid. <i>Luminescence</i> , 2000, 15, 305-309.	2.9	42
84	A rapid, sensitive high performance liquid chromatographic method for the determination of meropenem in pharmaceutical dosage form, human serum and urine. <i>Biomedical Chromatography</i> , 2001, 15, 263-266.	1.7	42
85	Recent advances in applications of capillary electrophoresis with capacitively coupled contactless conductivity detection (CE ⁴ D): an update. <i>Biomedical Chromatography</i> , 2012, 26, 990-1000.	1.7	42
86	Physical activity in the prevention of cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2006, 7, 11-21.	1.2	42
87	Enantioselective Sensors and Biosensors in the Analysis of Chiral Drugs. <i>Critical Reviews in Analytical Chemistry</i> , 1998, 28, 259-266.	3.5	41
88	Simultaneous detection of S and R captopril using sequential injection analysis. <i>Talanta</i> , 2000, 51, 969-975.	5.5	41
89	Enantiomeric separation of several cyclic imides on a macrocyclic antibiotic (vancomycin) chiral stationary phase under normal and reversed phase conditions. <i>Chirality</i> , 1998, 10, 358-361.	2.6	40
90	Recent Applications for in Vitro Antioxidant Activity Assay. <i>Critical Reviews in Analytical Chemistry</i> , 2016, 46, 389-399.	3.5	40

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91	Performance of a portable biosensor for the analysis of ethion residues. <i>Talanta</i> , 2014, 119, 467-472.	5.5	39
92	Determination of cefuroxime axetil in tablets and biological fluids using liquid chromatography and flow injection analysis. <i>Analytica Chimica Acta</i> , 2006, 576, 246-252.	5.4	38
93	UPLC-MS/MS determination of doxazosine in human plasma. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 1439-1443.	3.7	38
94	Chiral separations of some β -adrenergic agonists and antagonists on AmyCoat column by HPLC. <i>Chirality</i> , 2010, 22, 24-28.	2.6	38
95	Benzimidazole Derivatives as Potential Anticancer Agents. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 399-407.	2.4	38
96	Selenoracil derivatives are potent inhibitors of the selenoenzyme type I iodothyronine deiodinase. <i>Biochemical and Biophysical Research Communications</i> , 1992, 189, 1362-1367.	2.1	37
97	UPLC-ESI-MS-MS Determination of Three β_2 -Agonists in Pork. <i>Chromatographia</i> , 2010, 72, 79-84.	1.3	37
98	Recent applications and developments of capacitively coupled contactless conductivity detection (CE ⁴ /D) in capillary electrophoresis. <i>Biomedical Chromatography</i> , 2014, 28, 1502-1506.	1.7	37
99	Direct enantioselective separation of some propranolol analogs by HPLC on normal and reversed cellulose chiral stationary phases. <i>Chirality</i> , 1996, 8, 153-156.	2.6	36
100	Simultaneous determination of ofloxacin and ornidazole in pharmaceutical preparations by capillary zone electrophoresis. <i>Biomedical Chromatography</i> , 2009, 23, 1283-1290.	1.7	36
101	Determination of aminoglutethimide enantiomers in pharmaceutical formulations by capillary electrophoresis using methylated- β -cyclodextrin as a chiral selector and computational calculation for their respective inclusion complexes. <i>Talanta</i> , 2009, 77, 1388-1393.	5.5	36
102	Synthesis and Antiperoxidase Activity of Propylthiouracil Derivatives and Metabolites. <i>Journal of Pharmaceutical Sciences</i> , 1974, 63, 1383-1386.	3.3	35
103	Comparative analytical quantitation of clenbuterol in biological matrices using GC-MS and EIA. , 2000, 14, 99-105.		35
104	Enhancing effect of melatonin on chemiluminescence accompanying decomposition of hydrogen peroxide in the presence of copper. <i>Free Radical Biology and Medicine</i> , 2003, 34, 1544-1554.	2.9	35
105	Stereoselective HPLC assay of donepezil enantiomers with UV detection and its application to pharmacokinetics in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 830, 114-119.	2.3	35
106	Immobilized Polysaccharide CSPs: An Advancement in Enantiomeric Separations. <i>Current Pharmaceutical Analysis</i> , 2007, 3, 71-82.	0.6	35
107	New spectrophotometric method for determination of cephalosporins in pharmaceutical formulations. <i>Arabian Journal of Chemistry</i> , 2015, 8, 233-239.	4.9	35
108	Magnetic graphene-based cyanopropyltriethoxysilane as an adsorbent for simultaneous determination of polar and non-polar organophosphorus pesticides in cow's milk. <i>RSC Advances</i> , 2016, 6, 24853-24864.	3.6	35

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109	Scavenging of reactive oxygen species by N-substituted indole-2 and 3-carboxamides. <i>Luminescence</i> , 2004, 19, 1-7.	2.9	34
110	Determination of lipoic acid in dietary supplement preparations by capillary electrophoresis. <i>Journal of Proteomics</i> , 2004, 61, 119-124.	2.4	34
111	Raman Spectroscopy for Protein Analysis. <i>Applied Spectroscopy Reviews</i> , 2015, 50, 377-386.	6.7	34
112	Removal of the Acid Orange 10 by ion exchange and microbiological methods. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 6357-6366.	3.5	33
113	Mutagenic and antimutagenic factor(s) extracted from a desert mushroom using different solvents. <i>Mutagenesis</i> , 1989, 4, 111-114.	2.6	32
114	Direct enantiomeric HPLC separation of several 2-arylpropionic acids, barbituric acids and benzodiazepines on chiralcel OJ-R chiral stationary phase. <i>Chromatographia</i> , 1996, 43, 599-606.	1.3	32
115	Application of chiralcel OJ in supercritical fluid chromatography for the resolution of different groups of frequently used drug racemates. <i>Chirality</i> , 1997, 9, 126-132.	2.6	32
116	Simultaneous Determination of Metformin and Glyburide in Tablets by HPTLC. <i>Chromatographia</i> , 2006, 64, 101-104.	1.3	32
117	Recent Developments in HPLC Analysis of β -Blockers in Biological Samples. <i>Journal of Chromatographic Science</i> , 2013, 51, 807-818.	1.4	32
118	Simple HPLC Method for the Determination of Thymoquinone in Black Seed Oil (<i>Nigella Sativa</i> Linn). <i>Journal of Liquid Chromatography and Related Technologies</i> , 1995, 18, 895-902.	1.0	31
119	A new construction for a potentiometric, enantioselective membrane electrode—its utilization to the S-captopril assay. <i>Talanta</i> , 1999, 48, 1139-1143.	5.5	31
120	Chiral resolution of some environmental pollutants by capillary electrophoresis. <i>Electrophoresis</i> , 2003, 24, 1360-1374.	2.4	31
121	NMR Methods for Optical Purity Determination of Pharmaceuticals. <i>Analytical Letters</i> , 1988, 21, 2155-2163.	1.8	30
122	Separation of piperidine-2,6-dione drug enantiomers by micellar electrokinetic capillary chromatography using synthetic chiral surfactants. <i>Journal of Chromatography A</i> , 1996, 724, 307-316.	3.7	30
123	Enantioseparation of aminoglutethimide and thalidomide by high performance liquid chromatography or supercritical fluid chromatography on mono-2 and mono-6-O-pentenyl- β -cyclodextrin-based chiral stationary phases. <i>Biomedical Chromatography</i> , 2001, 15, 202-206.	1.7	30
124	Enantioselective high-performance liquid chromatographic method for the determination of baclofen in human plasma. <i>Talanta</i> , 2003, 61, 667-673.	5.5	30
125	Spectrofluorimetric Assessment of Metoclopramide Hydrochloride Using Terbium Doped in PMMA Matrix Optical Sensor. <i>Journal of Fluorescence</i> , 2011, 21, 739-745.	2.5	30
126	FTIR Spectrophotometric Methods Used for Antioxidant Activity Assay in Medicinal Plants. <i>Applied Spectroscopy Reviews</i> , 2012, 47, 245-255.	6.7	30

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127	Determination of free and total warfarin concentrations in plasma using <sc>UPLC MS</sc>/<sc>MS</sc> and its application to a patient samples. Biomedical Chromatography, 2012, 26, 6-11.	1.7	30
128	Reactivity of pyruvic acid and its derivatives towards reactive oxygen species. Luminescence, 2015, 30, 1153-1158.	2.9	30
129	Sustainable production of the emulsifier methyl oleate by Candida rugosa lipase nanoconjugates. Food and Bioproducts Processing, 2015, 96, 211-220.	3.6	30
130	Separation and analysis of triazine herbicide residues by capillary electrophoresis. Biomedical Chromatography, 2015, 29, 835-842.	1.7	30
131	Direct high-performance liquid chromatographic separation of penbutolol enantiomers on a cellulose tris-3,5-dimethylphenyl carbamate chiral stationary phase. Chirality, 1989, 1, 301-304.	2.6	29
132	Direct HPLC Separation of Thalidomide Enantiomers Using Cellulose Tris-4-Methylphenyl Benzoate Chiral Stationary Phase. Journal of Liquid Chromatography and Related Technologies, 1991, 14, 667-673.	1.0	29
133	Direct Chiral Resolution of Phenylalkylamines Using a Crown Ether Chiral Stationary Phase. , 1997, 11, 7-10.		29
134	Application of thin-layer chromatography in enantiomeric chiral analysisâ€”an overview. , 1999, 13, 531-537.		29
135	Fast high-performance liquid chromatographic analysis of mianserin and its metabolites in human plasma using monolithic silica column and solid phase extraction. Analytica Chimica Acta, 2004, 504, 291-297.	5.4	29
136	Chiral Resolution of Racemic Environmental Pollutants by Capillary Electrophoresis. Critical Reviews in Analytical Chemistry, 2008, 38, 132-146.	3.5	29
137	1,2-Naphthoquinone-4-Sulphonic Acid Sodium Salt (NQS) as an Analytical Reagent for the Determination of Pharmaceutical Amine by Spectrophotometry. Applied Spectroscopy Reviews, 2012, 47, 219-232.	6.7	29
138	Multidimensional Gas Chromatography for Chiral Analysis. Critical Reviews in Analytical Chemistry, 2018, 48, 416-427.	3.5	29
139	Phenolic Compounds: the Role of Redox Regulation in Neurodegenerative Disease and Cancer. Mini-Reviews in Medicinal Chemistry, 2013, 13, 385-398.	2.4	29
140	Enzymatic S-methylation of 6-n-propyl-2-thiouracil and other antithyroid drugs. Biochemical Pharmacology, 1975, 24, 463-468.	4.4	28
141	Rapid liquid chromatographyâ€”tandem mass spectrometry method for quantification of ziprasidone in human plasma. Biomedical Chromatography, 2006, 20, 365-368.	1.7	28
142	Chiral selectors for enantioresolution and quantitation of the antidepressant drug fluoxetine in pharmaceutical formulations by 19F NMR spectroscopic method. Analytica Chimica Acta, 2007, 601, 130-138.	5.4	28
143	Stacking and Sweeping in Cyclodextrin-Modified MEKC for Chiral Separation of Hexaconazole, Penconazole and Myclobutanil. Chromatographia, 2010, 71, 305-309.	1.3	28
144	Vibrational Micro-Spectroscopy of Human Tissues Analysis: Review. Critical Reviews in Analytical Chemistry, 2017, 47, 194-203.	3.5	28

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145	Advances in immunosensors for clinical applications. <i>Journal of Immunoassay and Immunochemistry</i> , 2019, 40, 40-51.	1.1	28
146	A nanocomposite based on polyaniline, nickel and manganese oxides for dye removal from aqueous solutions. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 2031-2050.	3.5	28
147	Synthesis of an active hydroxylated glutethimide metabolite and some related analogs with sedative-hypnotic and anticonvulsant properties. <i>Journal of Medicinal Chemistry</i> , 1975, 18, 736-741.	6.4	27
148	Identification of tamoxifen and metabolites in human male urine by GC/MS. <i>Biomedical Chromatography</i> , 2000, 14, 180-183.	1.7	27
149	DETERMINATION OF METAL IONS IN WATER, SOIL, AND SEDIMENT BY CAPILLARY ELECTROPHORESIS. <i>Analytical Letters</i> , 2002, 35, 2053-2076.	1.8	27
150	Chiral liquid chromatography tandem mass spectrometry in the determination of the configuration of glyceric acid in urine of patients with D-glyceric and L-glyceric acidurias. <i>Biomedical Chromatography</i> , 2002, 16, 191-198.	1.7	27
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