

# Mohamed Abdel-Rehim

## List of Publications by Citations

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135  
papers

5,442  
citations

40  
h-index

69  
g-index

141  
ext. papers

6,133  
ext. citations

4.4  
avg, IF

6.2  
L-index

#	Paper	IF	Citations
135	Efficacy and safety of selective internal radiotherapy with yttrium-90 resin microspheres compared with sorafenib in locally advanced and inoperable hepatocellular carcinoma (SARAH): an open-label randomised controlled phase 3 trial. <i>Lancet Oncology, The</i> , <b>2017</b> , 18, 1624-1636	21.7	400
134	New trend in sample preparation: on-line microextraction in packed syringe for liquid and gas chromatography applications. I. Determination of local anaesthetics in human plasma samples using gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2004</b> , 801, 317-21	3.2	298
133	Midterm local efficacy and survival after radiofrequency ablation of lung tumors with minimum follow-up of 1 year: prospective evaluation. <i>Radiology</i> , <b>2006</b> , 240, 587-96	20.5	291
132	Recent advances in microextraction by packed sorbent for bioanalysis. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 2569-80	4.5	224
131	Microextraction by packed sorbent (MEPS): a tutorial. <i>Analytica Chimica Acta</i> , <b>2011</b> , 701, 119-28	6.6	207
130	Nanomaterials as sorbents for sample preparation in bioanalysis: A review. <i>Analytica Chimica Acta</i> , <b>2017</b> , 958, 1-21	6.6	170
129	Microextraction by packed sorbent (MEPS). <i>TrAC - Trends in Analytical Chemistry</i> , <b>2015</b> , 67, 34-44	14.6	145
128	Free and acid-labile hydrogen sulfide concentrations in mouse tissues: anomalously high free hydrogen sulfide in aortic tissue. <i>Antioxidants and Redox Signaling</i> , <b>2011</b> , 15, 373-8	8.4	139
127	Screening of cocaine and its metabolites in human urine samples by direct analysis in real-time source coupled to time-of-flight mass spectrometry after online preconcentration utilizing microextraction by packed sorbent. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2009</b> , 20, 891-9	3.5	139
126	New trends in sample preparation: on-line microextraction in packed syringe (MEPS) for LC and GC applications Part III: Determination and validation of local anaesthetics in human plasma samples using a cation-exchange sorbent, and MEPS-LC-MS-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2004</b> , 813, 129-35	3.2	127
125	Fast and sensitive environmental analysis utilizing microextraction in packed syringe online with gas chromatography-mass spectrometry: determination of polycyclic aromatic hydrocarbons in water. <i>Journal of Chromatography A</i> , <b>2006</b> , 1114, 234-8	4.5	119
124	Determination of dopamine and serotonin in human urine samples utilizing microextraction online with liquid chromatography/electrospray tandem mass spectrometry. <i>Journal of Separation Science</i> , <b>2007</b> , 30, 421-4	3.4	113
123	Microextraction in packed syringe (MEPS) for liquid and gas chromatographic applications. Part II--Determination of ropivacaine and its metabolites in human plasma samples using MEPS with liquid chromatography/tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , <b>2004</b> , 39, 1488-93	2.2	104
122	Sample treatment based on extraction techniques in biological matrices. <i>Bioanalysis</i> , <b>2011</b> , 3, 2003-18	2.1	87
121	Study of the factors affecting the performance of microextraction by packed sorbent (MEPS) using liquid scintillation counter and liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , <b>2008</b> , 630, 116-23	6.6	81
120	Effects of a multimodal management strategy for acute mesenteric ischemia on survival and intestinal failure. <i>Clinical Gastroenterology and Hepatology</i> , <b>2013</b> , 11, 158-65.e2	6.9	80
119	Development and validation of a liquid chromatography and tandem mass spectrometry method for determination of roscovitine in plasma and urine samples utilizing on-line sample preparation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2005</b> , 817, 303-7	3.2	77

118	Sorbent, device, matrix and application in microextraction by packed sorbent (MEPS): A review. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1043, 33-43	3.2	75
117	Quantitative analysis of methadone in human urine samples by microextraction in packed syringe-gas chromatography-mass spectrometry (MEPS-GC-MS). <i>Journal of Separation Science</i> , <b>2007</b> , 30, 2501-5	3.4	70
116	Design and synthesis of novel stiripentol analogues as potential anticonvulsants. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 47, 360-9	6.8	65
115	Bioanalytical method development and validation: Critical concepts and strategies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1043, 3-11	3.2	60
114	Molecularly imprinted polymer in microextraction by packed sorbent for the simultaneous determination of local anesthetics: lidocaine, ropivacaine, mepivacaine and bupivacaine in plasma and urine samples. <i>Biomedical Chromatography</i> , <b>2013</b> , 27, 1481-8	1.7	58
113	Microextraction in packed syringe/liquid chromatography/electrospray tandem mass spectrometry for quantification of olomoucine in human plasma samples. <i>Analytica Chimica Acta</i> , <b>2005</b> , 539, 35-39	6.6	58
112	Visible light photocatalytic degradation of polypropylene microplastics in a continuous water flow system. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 406, 124299	12.8	54
111	Saliva as an alternative specimen to plasma for drug bioanalysis: A review. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2016</b> , 83, 70-79	14.6	53
110	Sulphide quinone reductase contributes to hydrogen sulphide metabolism in murine peripheral tissues but not in the CNS. <i>British Journal of Pharmacology</i> , <b>2012</b> , 165, 2178-90	8.6	53
109	High-performance liquid chromatography-tandem electrospray mass spectrometry for the determination of lidocaine and its metabolites in human plasma and urine. <i>Biomedical Applications</i> , <b>2000</b> , 741, 175-88		52
108	A mechanism-based pharmacokinetic-enzyme model for cyclophosphamide autoinduction in breast cancer patients. <i>British Journal of Clinical Pharmacology</i> , <b>1999</b> , 48, 669-77	3.8	52
107	Hepatic malignancies: percutaneous radiofrequency ablation during percutaneous portal or hepatic vein occlusion. <i>Radiology</i> , <b>2008</b> , 248, 1056-66	20.5	49
106	Tissue distribution, pharmacokinetics and identification of roscovitine metabolites in rat. <i>European Journal of Pharmaceutical Sciences</i> , <b>2005</b> , 25, 91-103	5.1	49
105	Determination of four immunosuppressive drugs in whole blood using MEPS and LC-MS/MS allowing automated sample work-up and analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2012</b> , 897, 42-9	3.2	48
104	Determination of remifentanyl in human plasma by liquid chromatography-tandem mass spectrometry utilizing micro extraction in packed syringe (MEPS) as sample preparation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2011</b> , 879, 815-8	3.2	48
103	Quantification of ropivacaine and its major metabolites in human urine samples utilizing microextraction in a packed syringe automated with liquid chromatography-tandem mass spectrometry (MEPS-LC-MS/MS). <i>Journal of Separation Science</i> , <b>2006</b> , 29, 1658-61	3.4	48
102	Transcatheter arterial chemoembolization for liver metastases in patients with adrenocortical carcinoma. <i>Journal of Vascular and Interventional Radiology</i> , <b>2010</b> , 21, 1527-32	2.4	47
101	Microextraction by packed sorbent for LC-MS/MS determination of drugs in whole blood samples. <i>Bioanalysis</i> , <b>2010</b> , 2, 197-205	2.1	45

100	Surface modified polypropylene pipette tips packed with a monolithic plug of adsorbent for high-throughput sample preparation. <i>Journal of Separation Science</i> , <b>2007</b> , 30, 1964-72	3.4	43
99	Stability, pKa and plasma protein binding of roscovitine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2005</b> , 821, 75-80	3.2	43
98	A needle extraction utilizing a molecularly imprinted-sol-gel xerogel for on-line microextraction of the lung cancer biomarker bilirubin from plasma and urine samples. <i>Journal of Chromatography A</i> , <b>2014</b> , 1366, 15-23	4.5	41
97	MEPS as a rapid sample preparation method to handle unstable compounds in a complex matrix: determination of AZD3409 in plasma samples utilizing MEPS-LC-MS-MS. <i>Journal of Chromatographic Science</i> , <b>2008</b> , 46, 518-23	1.4	41
96	Development of a molecularly imprinted polymer based solid-phase extraction of local anaesthetics from human plasma. <i>Analytica Chimica Acta</i> , <b>2004</b> , 526, 147-154	6.6	40
95	Evolution of microwave irradiation and its application in green chemistry and biosciences. <i>Research on Chemical Intermediates</i> , <b>2012</b> , 38, 283-322	2.8	39
94	On-line derivatization utilizing solid-phase microextraction (SPME) for determination of busulphan in plasma using gas chromatography-mass spectrometry (GC-MS). <i>Therapeutic Drug Monitoring</i> , <b>2003</b> , 25, 400-6	3.2	39
93	Long-term Outcome and Analysis of Dysfunction of Transjugular Intrahepatic Portosystemic Shunt Placement in Chronic Primary Budd-Chiari Syndrome. <i>Radiology</i> , <b>2017</b> , 283, 280-292	20.5	38
92	Monolithic methacrylate packed 96-tips for high throughput bioanalysis. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 2581-8	4.5	37
91	On-line detection of hippuric acid by microextraction with a molecularly-imprinted polysulfone membrane sorbent and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2014</b> , 1372C, 55-62	4.5	35
90	Hepatic steatosis: a major trap in liver imaging. <i>Diagnostic and Interventional Imaging</i> , <b>2013</b> , 94, 713-27	5.4	35
89	Solid phase microextraction and related techniques for drugs in biological samples. <i>Journal of Analytical Methods in Chemistry</i> , <b>2014</b> , 2014, 921350	2	33
88	Microextraction approaches for bioanalytical applications: An overview. <i>Journal of Chromatography A</i> , <b>2020</b> , 1616, 460790	4.5	33
87	Screening and determination of drugs in human saliva utilizing microextraction by packed sorbent and liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , <b>2013</b> , 27, 1188-91	1.7	32
86	Radioembolisation with yttrium-90 microspheres versus sorafenib for treatment of advanced hepatocellular carcinoma (SARAH): study protocol for a randomised controlled trial. <i>Trials</i> , <b>2014</b> , 15, 474	2.8	32
85	Hepatic cysts treated with percutaneous ethanol sclerotherapy: time to extend the indications to haemorrhagic cysts and polycystic liver disease. <i>European Radiology</i> , <b>2014</b> , 24, 1030-8	8	31
84	Microextraction by packed sorbent: an emerging, selective and high-throughput extraction technique in bioanalysis. <i>Biomedical Chromatography</i> , <b>2014</b> , 28, 839-47	1.7	31
83	Molecularly imprinted polymer-sol-gel tablet toward micro-solid phase extraction: I. Determination of methadone in human plasma utilizing liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , <b>2016</b> , 936, 116-22	6.6	31

82	Evaluation of solid-phase microextraction in combination with gas chromatography (SPME-GC) as a tool for quantitative bioanalysis. <i>Journal of Separation Science</i> , <b>2000</b> , 12, 308-315		30
81	Evaluation of monolithic packed 96-tips and liquid chromatography-tandem mass spectrometry for extraction and quantification of pindolol and metoprolol in human plasma samples. <i>Journal of Chromatography A</i> , <b>2008</b> , 1196-1197, 23-7	4.5	29
80	Dried saliva spot as a sampling technique for saliva samples. <i>Biomedical Chromatography</i> , <b>2014</b> , 28, 875-7.7		28
79	Synthesis and biological evaluation of some new triazolo[1,5-a]quinoline derivatives as anticancer and antimicrobial agents. <i>RSC Advances</i> , <b>2014</b> , 4, 24131	3.7	28
78	Recent Applications of Molecularly Imprinted Sol-Gel Methodology in Sample Preparation. <i>Molecules</i> , <b>2019</b> , 24,	4.8	27
77	Determination of amide-type local anaesthetics by direct injection of plasma in a column-switching high-performance liquid chromatographic system using a pre-column with a semipermeable surface. <i>Biomedical Applications</i> , <b>1994</b> , 654, 221-30		27
76	Molecularly imprinted polymer-sol-gel tablet toward micro-solid phase extraction: II. Determination of amphetamine in human urine samples by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1063, 130-135	3.2	27
75	Microextraction by packed sorbent. <i>Bioanalysis</i> , <b>2015</b> , 7, 2155-61	2.1	25
74	Advances and new technologies applied in controlled drug delivery system. <i>Research on Chemical Intermediates</i> , <b>2015</b> , 41, 2165-2200	2.8	25
73	Modified Appleby procedure for borderline resectable/locally advanced distal pancreatic adenocarcinoma: A major procedure for selected patients. <i>Journal of Visceral Surgery</i> , <b>2016</b> , 153, 173-81	1.9	24
72	On-line determination of sarcosine in biological fluids utilizing dummy molecularly imprinted polymers in microextraction by packed sorbent. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 788-95	3.4	24
71	Usefulness of guiding needles for radiofrequency ablative treatment of liver tumors. <i>CardioVascular and Interventional Radiology</i> , <b>2006</b> , 29, 650-4	2.7	23
70	Determination of ropivacaine and its metabolites in human plasma using solid phase microextraction and GC-NPD/GC-MS. <i>Journal of Separation Science</i> , <b>2001</b> , 13, 313-321		23
69	Cone-Beam CT Angiography for Determination of Tumor-Feeding Vessels During Chemoembolization of Liver Tumors: Comparison of Conventional and Dedicated-Software Analysis. <i>Journal of Vascular and Interventional Radiology</i> , <b>2016</b> , 27, 32-8	2.4	21
68	Capillary gas chromatography of amines with ammonia as carrier gas. <i>Journal of High Resolution Chromatography</i> , <b>1990</b> , 13, 252-256		21
67	Liver-directed therapies in liver metastases from neuroendocrine tumors of the gastrointestinal tract. <i>Targeted Oncology</i> , <b>2012</b> , 7, 107-16	5	20
66	Utility of nonaqueous capillary electrophoresis for the determination of lidocaine and its metabolites in human plasma: a comparison of ultraviolet and mass spectrometric detection. <i>Rapid Communications in Mass Spectrometry</i> , <b>2004</b> , 18, 2612-8	2.2	20
65	Determination of metoprolol enantiomers in human plasma and saliva samples utilizing microextraction by packed sorbent and liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , <b>2016</b> , 30, 1309-17	1.7	20

64	A new strategy for surface modification of polysulfone membrane by in situ imprinted sol-gel method for the selective separation and screening of L-Tyrosine as a lung cancer biomarker. <i>Analyst, The</i> , <b>2015</b> , 140, 1939-46	5	19
63	Fatty hepatocellular carcinoma: radiofrequency ablation--imaging findings. <i>Radiology</i> , <b>2009</b> , 250, 940-8	20.5	19
62	Polyacrylonitrile / graphene oxide nanofibers for packed sorbent microextraction of drugs and their metabolites from human plasma samples. <i>Talanta</i> , <b>2019</b> , 201, 474-479	6.2	18
61	Assessment of liver ablation using cone beam computed tomography. <i>World Journal of Gastroenterology</i> , <b>2015</b> , 21, 517-24	5.6	18
60	Microextraction by packed sorbent in bioanalysis. <i>Bioanalysis</i> , <b>2009</b> , 1, 687-91	2.1	18
59	Pharmacokinetics and distribution of liposomal busulfan in the rat: a new formulation for intravenous administration. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1998</b> , 42, 471-8	3.5	18
58	Preparation of monolithic molecularly imprinted polymer sol-gel packed tips for high-throughput bioanalysis: extraction and quantification of L-tyrosine in human plasma and urine samples utilizing liquid chromatography and tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2014</b> , 967, 168-73	3.2	17
57	Determination of amphetamine and methadone in human urine by microextraction by packed sorbent coupled directly to mass spectrometry: an alternative for rapid clinical and forensic analysis. <i>Journal of Separation Science</i> , <b>2014</b> , 37, 3306-13	3.4	17
56	Graphite-based microextraction by packed sorbent for online extraction of $\beta$ -blockers from human plasma samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2015</b> , 992, 86-90	3.2	17
55	Synthesis of new transition metal complexes of 1H-perimidine derivatives having antimicrobial and anti-inflammatory activities. <i>Research on Chemical Intermediates</i> , <b>2012</b> , 38, 1527-1550	2.8	17
54	Synthesis and anticancer activity of some new pyridine derivatives. <i>Research on Chemical Intermediates</i> , <b>2012</b> , 38, 1291-1310	2.8	16
53	Synthesis, pharmacological activity evaluation and molecular modeling of new polynuclear heterocyclic compounds containing benzimidazole derivatives. <i>Archives of Pharmacal Research</i> , <b>2012</b> , 35, 2063-75	6.1	16
52	Sample preparation techniques for radiometabolite analysis of positron emission tomography radioligands; trends, progress, limitations and future prospects. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 110, 1-7	14.6	16
51	Three-phase molecularly imprinted sol-gel based hollow fiber liquid-phase microextraction combined with liquid chromatography-tandem mass spectrometry for enrichment and selective determination of a tentative lung cancer biomarker. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2015</b> , 995-996, 38-45	3.2	15
50	Evaluation of microextraction by packed sorbent and micro-liquid chromatography-tandem mass spectrometry as a green approach in bioanalysis. <i>Biomedical Chromatography</i> , <b>2013</b> , 27, 1225-33	1.7	15
49	Microextraction by packed sorbent and liquid chromatography-tandem mass spectrometry as a tool for quantification of peptides in plasma samples: determination of sensory neuron-specific receptors agonist BAM8-22 and antagonist BAM22-8 in plasma samples. <i>Biomedical Chromatography</i> , <b>2013</b> , 27, 304-10	1.7	15
48	Monolithic packed 96-tips set for high-throughput sample preparation: determination of cyclophosphamide and busulfan in whole blood samples by monolithic packed 96-tips and LC-MS. <i>Biomedical Chromatography</i> , <b>2013</b> , 27, 714-9	1.7	15
47	Plasma levels of lidocaine, o-toluidine, and prilocaine after application of 8.5 g Oraqix in patients with generalized periodontitis: effect on blood methemoglobin and tolerability. <i>Acta Odontologica Scandinavica</i> , <b>2003</b> , 61, 230-4	2.2	15

46	Pharmacological evaluation of benzimidazole derivatives with potential antiviral and antitumor activity. <i>Research on Chemical Intermediates</i> , <b>2012</b> , 38, 2523-2545	2.8	14
45	Direct injection of human plasma samples after ultrafiltration into programmed temperature vaporiser-gas chromatography-mass spectrometry with packed liner. <i>Biomedical Applications</i> , <b>2001</b> , 755, 253-8		14
44	Evaluation of solid-phase microextraction for the study of protein binding in human plasma samples. <i>Journal of Chromatographic Science</i> , <b>2000</b> , 38, 458-64	1.4	14
43	Molecularly imprinted polymers for on-line extraction techniques. <i>Bioanalysis</i> , <b>2015</b> , 7, 2145-53	2.1	12
42	Determination of ropivacaine and bupivacaine in human plasma by programmed temperature vaporiser-fast gas chromatography-mass spectrometry (PTV/fast GC/MS) utilising in-vial liquid-liquid extraction. <i>Journal of Separation Science</i> , <b>2002</b> , 25, 252-254	3.4	12
41	Application of graphitic sorbent for online microextraction of drugs in human plasma samples. <i>Journal of Chromatography A</i> , <b>2015</b> , 1422, 34-42	4.5	10
40	Reduced graphene oxide as an efficient sorbent in microextraction by packed sorbent: Determination of local anesthetics in human plasma and saliva samples utilizing liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1095, 177-182	3.2	10
39	Determination of ropivacaine and its metabolites in patient urine: Advantage of liquid chromatography-tandem mass spectrometry over liquid chromatography-UV detection and liquid chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , <b>2003</b> , 492, 253-260	6.6	10
38	Separation of lidocaine and its metabolites by capillary electrophoresis using volatile aqueous and nonaqueous electrolyte systems. <i>Electrophoresis</i> , <b>2001</b> , 22, 2495-502	3.6	10
37	Capillary gas chromatography of chlorophenols with ammonia as carrier gas. <i>Journal of High Resolution Chromatography</i> , <b>1991</b> , 14, 284-287		10
36	Graphene Oxide Tablets for Sample Preparation of Drugs in Biological Fluids: Determination of Omeprazole in Human Saliva for Liquid Chromatography Tandem Mass Spectrometry. <i>Molecules</i> , <b>2019</b> , 24,	4.8	9
35	Chromatographic behavior of underivatized lidocaine and metabolites in CGC. <i>Journal of Separation Science</i> , <b>1998</b> , 10, 589-596		9
34	Online post-column solvent assisted and direct solvent-assisted electrospray ionization for chiral analysis of propranolol enantiomers in plasma samples. <i>Journal of Chromatography A</i> , <b>2015</b> , 1418, 110-118	4.5	8
33	Review of interactive carrier gases including ammonia in gas liquid chromatography. <i>Journal of Separation Science</i> , <b>1999</b> , 11, 63-70		8
32	On-Line Determination of Cyclophosphamide in Blood Samples Utilizing Microextraction by Packed Sorbent and Liquid Chromatography Tandem Mass Spectrometry (MEPS-LC-MS/MS). <i>The Open Spectroscopy Journal</i> , <b>2009</b> , 3, 26-30		7
31	Distribution of local anesthetics between aqueous and liposome phases. <i>Journal of Chromatography A</i> , <b>2017</b> , 1479, 194-203	4.5	6
30	Intratumoral gas in hepatocellular carcinoma following transarterial chemoembolization: associated factors and clinical impact. <i>Journal of Vascular and Interventional Radiology</i> , <b>2013</b> , 24, 1623-31	2.4	6
29	Determination of AZD6118 in dog plasma samples utilizing microextraction by packed sorbent and liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1043, 20-24	3.2	6

28	Cytotoxic Cembranoids from the Red Sea Soft Coral <i>Sarcophyton glaucum</i> . <i>Natural Product Communications</i> , <b>2011</b> , 6, 1934578X1100601	0.9	6
27	Characterization of lidocaine and its metabolites in human plasma using capillary electrophoresis. <i>Journal of Separation Science</i> , <b>1999</b> , 11, 620-626		6
26	Mixture of ammonia and helium as a carrier gas for capillary gas chromatography. <i>Journal of Separation Science</i> , <b>1993</b> , 5, 537-542		6
25	Promising Antidiabetic and Antimicrobial Agents Based on Fused Pyrimidine Derivatives: Molecular Modeling and Biological Evaluation with Histopathological Effect. <i>Molecules</i> , <b>2021</b> , 26,	4.8	6
24	Recent applications of microextraction sample preparation techniques in biological samples analysis. <i>Biomedical Chromatography</i> , <b>2021</b> , 35, e5105	1.7	6
23	Graphene Oxide/Polyethylene Glycol-Stick for Thin Film Microextraction of $\beta$ Blockers from Human Oral Fluid by Liquid Chromatography-Tandem Mass Spectrometry. <i>Molecules</i> , <b>2019</b> , 24,	4.8	6
22	Effect of ammonia carrier gas on the response of the flame ionization detector. <i>Journal of High Resolution Chromatography</i> , <b>1994</b> , 17, 723-726		5
21	Determination and Pharmacokinetics of Omeprazole Enantiomers in Human Plasma and Oral Fluid Utilizing Microextraction by Packed Sorbent and Liquid Chromatography-Tandem Mass Spectrometry. <i>International Journal of Analytical Chemistry</i> , <b>2021</b> , 2021, 8845139	1.4	5
20	Iloprost Use in Patients with Persistent Intestinal Ischemia Unsuitable for Revascularization. <i>Annals of Vascular Surgery</i> , <b>2017</b> , 42, 128-135	1.7	4
19	Enantiomer separation of underivatized tocainide and related compounds by CGC using ammonia as carrier gas. <i>Journal of Separation Science</i> , <b>1996</b> , 8, 151-156		4
18	New approach in radiometabolite analysis of positron emission tomography (PET) radioligands; lead-shielded microextraction by packed sorbent as a tool for in vivo radiometabolite analysis of [C]SMW139 in rat plasma. <i>Talanta</i> , <b>2020</b> , 208, 120449	6.2	4
17	Extraction and sample preparation. <i>International Journal of Analytical Chemistry</i> , <b>2015</b> , 2015, 397275	1.4	3
16	Combined transhepatic portal venous and transarterial treatment of superior mesenteric arteriovenous fistula in a patient with cirrhosis. <i>Journal of Vascular and Interventional Radiology</i> , <b>2015</b> , 26, 601-3	2.4	2
15	Clinical studies in hepatocellular carcinoma. <i>Future Oncology</i> , <b>2014</b> , 10, 13-6	3.6	2
14	Use of carbon dioxide and ammonia as nebuliser gases in electrospray ionisation mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2002</b> , 16, 738-9	2.2	2
13	Effect of ammonia on the response of the nitrogen phosphorus detector (NPD). <i>Journal of Separation Science</i> , <b>1994</b> , 6, 369-372		2
12	Effect of ammonia on the response of the electron capture detector (ECD). <i>Journal of High Resolution Chromatography</i> , <b>1995</b> , 18, 757-759		2
11	Microextraction by packed sorbent (MEPS) and monolithic packed pipette tips for 96-well plates <b>2020</b> , 473-491		2



10	Health-related quality of life in locally advanced hepatocellular carcinoma treated by either radioembolisation or sorafenib (SARAH trial). <i>European Journal of Cancer</i> , <b>2021</b> , 154, 46-56	7.5	2
9	Lipase Catalysed Kinetic Resolution of Stiripentol. <i>International Journal of Chemistry</i> , <b>2012</b> , 4,	1.1	1
8	Chromatographic behavior of bupivacaine and five of its major metabolites in human plasma, utilizing solid-phase extraction and capillary gas chromatography. <i>Journal of Chromatographic Science</i> , <b>2010</b> , 48, 294-8	1.4	1
7	Nanomaterials for microextraction techniques in bioanalysis <b>2020</b> , 43-56		1
6	Enantiomer separation of underivatized tocinide and related compounds by CGC using ammonia as carrier gas <b>1996</b> , 8, 151		1
5	Integrated extraction approach for trace analysis of aflatoxin B1 in domestic water tanks using HPLC. <i>Separation Science Plus</i> , <b>2020</b> , 3, 167-174	1.1	0
4	Use of carbon dioxide as collision gas in tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2005</b> , 19, 2099-102	2.2	0
3	Cost-Utility Analysis of Transarterial Radioembolization With Yttrium-90 Resin Microspheres Compared With Sorafenib in Locally Advanced and Inoperable Hepatocellular Carcinoma. <i>Clinical Therapeutics</i> , <b>2021</b> , 43, 1201-1212	3.5	0
2	Capillary Gas Chromatography of Trichlorophenols Using Ammonia as Carrier Gas. <i>Journal of High Resolution Chromatography</i> , <b>2000</b> , 23, 156-157		
1	Functionalized graphene oxide tablets for sample preparation of drugs in biological fluids: Extraction of ritonavir, a HIV protease inhibitor, from human saliva and plasma using LC-MS/MS. <i>Biomedical Chromatography</i> , <b>2021</b> , 35, e5111	1.7	