

# Adnan A Kadi

## List of Publications by Year in descending order

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120  
papers

2,572  
citations

186209

28  
h-index

233338

45  
g-index

136  
all docs

136  
docs citations

136  
times ranked

2688  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, antimicrobial, and anti-inflammatory activities of novel 2-(1-adamantyl)-5-substituted-1,3,4-oxadiazoles and 2-(1-adamantylamino)-5-substituted-1,3,4-thiadiazoles. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 235-242.	2.6	261
2	Synthesis, antimicrobial and anti-inflammatory activities of novel 5-(1-adamantyl)-1,3,4-thiadiazole derivatives. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5006-5011.	2.6	161
3	Synthesis, analgesic and anti-inflammatory evaluation of some novel quinazoline derivatives. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4947-4952.	2.6	144
4	Nickel-catalyzed and benzoic acid-promoted direct sulfenylation of unactivated arenes. <i>Chemical Communications</i> , 2015, 51, 3582-3585.	2.2	112
5	Cobalt-Catalyzed Decarboxylative 2-Benzoylation of Oxazoles and Thiazoles with $\alpha$ -Oxocarboxylic Acids. <i>Journal of Organic Chemistry</i> , 2015, 80, 11065-11072.	1.7	70
6	A Facile Solvent Free Claisen-Schmidt Reaction: Synthesis of $\alpha,\alpha$ -bis-(Substituted-benzylidene)cycloalkanones and $\alpha,\alpha$ -bis-(Substituted-alkylidene)cycloalkanones. <i>Molecules</i> , 2012, 17, 571-583.	1.7	68
7	Isatin-benzoazine molecular hybrids as potential antiproliferative agents: synthesis and in vitro pharmacological profiling. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 2333-2346.	2.0	50
8	Synthesis, Analgesic and Anti-inflammatory Evaluation of Some New 3- <i>H</i> -Quinazolin-4-one Derivatives. <i>Archiv Der Pharmazie</i> , 2008, 341, 377-385.	2.1	47
9	An LC-MS/MS method for rapid and sensitive high-throughput simultaneous determination of various protein kinase inhibitors in human plasma. <i>Biomedical Chromatography</i> , 2017, 31, e3793.	0.8	41
10	Fluorescein Hydrazones as Novel Nonintercalative Topoisomerase Catalytic Inhibitors with Low DNA Toxicity. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 9139-9151.	2.9	38
11	Investigation of metabolic degradation of new ALK inhibitor: Entrectinib by LC-MS/MS. <i>Clinica Chimica Acta</i> , 2018, 485, 298-304.	0.5	38
12	Metabolic Stability Assessment of New PARP Inhibitor Talazoparib Using Validated LC-MS/MS Methodology: In silico Metabolic Vulnerability and Toxicity Studies. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 783-793.	2.0	38
13	LC-MS/MS reveals the formation of iminium and quinone methide reactive intermediates in entrectinib metabolism: In vivo and in vitro metabolic investigation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 19-30.	1.4	37
14	Reactive intermediates and bioactivation pathways characterization of avitinib by LC-MS/MS: In vitro metabolic investigation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 659-667.	1.4	37
15	Identification and characterization of in vitro phase I and reactive metabolites of masitinib using a LC-MS/MS method: bioactivation pathway elucidation. <i>RSC Advances</i> , 2017, 7, 4479-4491.	1.7	35
16	Detection and characterization of ponatinib reactive metabolites by liquid chromatography tandem mass spectrometry and elucidation of bioactivation pathways. <i>RSC Advances</i> , 2016, 6, 72575-72585.	1.7	34
17	Identification and characterization of in vivo, in vitro and reactive metabolites of vandetanib using LC-ESI-MS/MS. <i>Chemistry Central Journal</i> , 2018, 12, 99.	2.6	33
18	Somophilic Isocyanide Insertion: Synthesis of 6-Arylated and 6-Trifluoro-methylated Phenanthridines. <i>Synthesis</i> , 2014, 46, 2711-2726.	1.2	32

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19	Synthesis, biological evaluation and molecular docking studies of thiazole-based pyrrolidinones and isoindolinediones as anticonvulsant agents. <i>Medicinal Chemistry Research</i> , 2015, 24, 3194-3211.	1.1	32
20	Nickel-catalyzed Decarboxylative Arylation of Heteroarenes through $sp^2$ C-H Functionalization. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7586-7589.	1.2	31
21	Design, synthesis, topoisomerase I & II inhibitory activity, antiproliferative activity, and structure-activity relationship study of pyrazoline derivatives: An ATP-competitive human topoisomerase III $\alpha$ catalytic inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1898-1908.	1.4	31
22	LC-MS/MS reveals the formation of aldehydes and iminium reactive intermediates in foretinib metabolism: phase I metabolic profiling. <i>RSC Advances</i> , 2017, 7, 36279-36287.	1.7	31
23	A reliable and stable method for the determination of foretinib in human plasma by LC-MS/MS: Application to metabolic stability investigation and excretion rate. <i>European Journal of Mass Spectrometry</i> , 2018, 24, 344-351.	0.5	31
24	Phase I metabolic profiling and unexpected reactive metabolites in human liver microsome incubations of X-376 using LC-MS/MS: bioactivation pathway elucidation and <i>in silico</i> toxicity studies of its metabolites. <i>RSC Advances</i> , 2020, 10, 5412-5427.	1.7	31
25	Fluorescein hydrazones: A series of novel non-intercalative topoisomerase III $\alpha$ catalytic inhibitors induce G1 arrest and apoptosis in breast and colon cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 49-67.	2.6	30
26	LC-MS/MS method for the quantification of masitinib in RLMs matrix and rat urine: application to metabolic stability and excretion rate. <i>Chemistry Central Journal</i> , 2017, 11, 136.	2.6	30
27	Synthesis and anticonvulsant activity of some new thiazolo[3,2-a][1,3]diazepine, benzo[d]thiazolo[5,2-a][12,6]diazepine and benzo[d]oxazolo[5,2-a][12,6]diazepine analogues. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5567-5572.	2.6	29
28	Validated LC-MS/MS Method for the Quantification of Ponatinib in Plasma: Application to Metabolic Stability. <i>PLoS ONE</i> , 2016, 11, e0164967.	1.1	29
29	Identification and characterization of <i>in silico</i> , <i>in vivo</i> , <i>in vitro</i> , and reactive metabolites of infigratinib using LC-ITMS: bioactivation pathway elucidation and <i>in silico</i> toxicity studies of its metabolites. <i>RSC Advances</i> , 2020, 10, 16231-16244.	1.7	29
30	A highly efficient and sensitive LC-MS/MS method for the determination of afatinib in human plasma: application to a metabolic stability study. <i>Biomedical Chromatography</i> , 2016, 30, 1248-1255.	0.8	28
31	Liquid chromatography tandem mass spectrometry method for the quantification of vandetanib in human plasma and rat liver microsomes matrices: metabolic stability investigation. <i>Chemistry Central Journal</i> , 2017, 11, 45.	2.6	28
32	LC-ESI-MS/MS reveals the formation of reactive intermediates in brigatinib metabolism: elucidation of bioactivation pathways. <i>RSC Advances</i> , 2018, 8, 1182-1190.	1.7	28
33	Investigation of the metabolic stability of olmutinib by validated LC-MS/MS: quantification in human plasma. <i>RSC Advances</i> , 2018, 8, 40387-40394.	1.7	28
34	Detection and characterization of olmutinib reactive metabolites by LC-MS/MS: Elucidation of bioactivation pathways. <i>Journal of Separation Science</i> , 2020, 43, 708-718.	1.3	28
35	Investigation of metabolic stability of the novel ALK inhibitor brigatinib by liquid chromatography tandem mass spectrometry. <i>Clinica Chimica Acta</i> , 2018, 480, 180-185.	0.5	27
36	Photosensitive peptide hydrogels as smart materials for applications. <i>Chinese Chemical Letters</i> , 2018, 29, 1098-1104.	4.8	27

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37	Biophysical and In Silico Studies of the Interaction between the Anti-Viral Agents Acyclovir and Penciclovir, and Human Serum Albumin. <i>Molecules</i> , 2017, 22, 1906.	1.7	26
38	LC-MS/MS reveals the formation of reactive ortho -quinone and iminium intermediates in saracatinib metabolism: Phase I metabolic profiling. <i>Clinica Chimica Acta</i> , 2018, 482, 84-94.	0.5	25
39	Spatial localisation of curcumin and rapid screening of the chemical compositions of turmeric rhizomes ( <i>Curcuma longa</i> Linn.) using Direct Analysis in Real Time-Mass Spectrometry (DART-MS). <i>Food Chemistry</i> , 2015, 173, 489-494.	4.2	24
40	Liquid chromatographic-tandem mass spectrometric assay for simultaneous quantitation of tofacitinib, cabozantinib and afatinib in human plasma and urine. <i>Tropical Journal of Pharmaceutical Research</i> , 2017, 15, 2683.	0.2	24
41	Identification of reactive intermediate formation and bioactivation pathways in Abemaciclib metabolism by LC-MS/MS: <i>in vitro</i> metabolic investigation. <i>Royal Society Open Science</i> , 2019, 6, 181714.	1.1	24
42	Evaluation of Basic Compounding Skills of Pharmacy Students. <i>American Journal of Pharmaceutical Education</i> , 2005, 69, 69.	0.7	23
43	Polyelectrolyte multilayer film and human mesenchymal stem cells: An attractive alternative in vascular engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 96A, 313-319.	2.1	22
44	Validated LC-MS/MS assay for quantification of the newly approved tyrosine kinase inhibitor, dacomitinib, and application to investigating its metabolic stability. <i>PLoS ONE</i> , 2019, 14, e0214598.	1.1	22
45	EGFR Inhibitor Gefitinib Induces Cardiotoxicity through the Modulation of Cardiac PTEN/Akt/FoxO3a Pathway and Reactive Metabolites Formation: <i>In Vivo</i> and <i>In Vitro</i> Rat Studies. <i>Chemical Research in Toxicology</i> , 2020, 33, 1719-1728.	1.7	22
46	A simple liquid chromatography-tandem mass spectrometry method to accurately determine the novel third-generation EGFR-TKI naquotinib with its applicability to metabolic stability assessment. <i>RSC Advances</i> , 2019, 9, 4862-4869.	1.7	21
47	Spectrofluorimetric study of finasteride and bovine serum albumin interaction and its application for quantitative determination of finasteride in tablet dosage form. <i>Analytical Methods</i> , 2015, 7, 5096-5102.	1.3	20
48	New ultra-short acting hypnotic: Synthesis, biological evaluation, and metabolic profile of ethyl 8-oxo-5,6,7,8-tetrahydro-thiazolo[3,2-a][1,3]diazepin-3-carboxylate (HIE-124). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 72-77.	1.0	16
49	High Throughput Quantitative Bioanalytical LC/MS/MS Determination of Gemifloxacin in Human Urine. <i>Journal of Chemistry</i> , 2013, 2013, 1-9.	0.9	16
50	A photo-degradable supramolecular hydrogel for selective delivery of microRNA into 3D-cultured cells. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2191-2198.	1.5	16
51	In silico and in vitro metabolism of ribociclib: a mass spectrometric approach to bioactivation pathway elucidation and metabolite profiling. <i>RSC Advances</i> , 2020, 10, 22668-22683.	1.7	16
52	Microwave-Assisted One-Step Synthesis of Fenamic Acid Hydrazides from the Corresponding Acids. <i>Molecules</i> , 2011, 16, 3544-3551.	1.7	14
53	Linear diarylheptanoids as potential anticancer therapeutics: synthesis, biological evaluation, and structure-activity relationship studies. <i>Archives of Pharmacal Research</i> , 2018, 41, 1131-1148.	2.7	14
54	Characterization of reactive intermediates formation in dacomitinib metabolism and bioactivation pathways elucidation by LC-MS/MS: <i>in vitro</i> phase I metabolic investigation. <i>RSC Advances</i> , 2018, 8, 38733-38744.	1.7	14

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55	A highly sensitive LC-MS/MS method to determine novel Bruton's tyrosine kinase inhibitor spebrutinib: application to metabolic stability evaluation. <i>Royal Society Open Science</i> , 2019, 6, 190434.	1.1	14
56	Sample stacking microemulsion electrokinetic capillary chromatography induced by reverse migrating pseudostationary phase for the quantification of phenobarbital and its p-hydroxyphenobarbital metabolite in rat urine. <i>Analyst, The</i> , 2011, 136, 2858.	1.7	13
57	Synthesis of Some New Heterocyclic Compounds Derived from 3-Formylchromones and Their Antimicrobial Evaluation. <i>Chemistry of Heterocyclic Compounds</i> , 2014, 49, 1723-1731.	0.6	13
58	Rapid validated liquid chromatographic method coupled with Tandem mass spectrometry for quantification of nintedanib in human plasma. <i>Tropical Journal of Pharmaceutical Research</i> , 2016, 15, 2467.	0.2	13
59	Enzyme-instructed self-assembly with photo-responses for the photo-regulation of cancer cells. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6892-6895.	1.5	13
60	Belizatinib: Novel reactive intermediates and bioactivation pathways characterized by LC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 171, 132-147.	1.4	13
61	Synthesis, Ultra-Short Acting Hypnotic Activity, and Metabolic Profile of Ethyl 8-oxo-5,6,7,8-tetrahydrothiazolo[3,2-d][1,3]diazepin-3-carboxylate (HIE-124). <i>Archiv Der Pharmazie</i> , 2008, 341, 81-89.		
62	A validated stability-indicating HPLC method for determination of varenicline in its bulk and tablets. <i>Chemistry Central Journal</i> , 2011, 5, 30.	2.6	12
63	Unexpected ring-opening of 3-arylbenzo[b]furans at room temperature: a new route for the construction of phenol-substituted pyrazoles. <i>Tetrahedron Letters</i> , 2013, 54, 3424-3426.	0.7	12
64	Identification of Iminium Intermediates Generation in the Metabolism of Tepotinib Using LC-MS/MS: In Silico and Practical Approaches to Bioactivation Pathway Elucidation. <i>Molecules</i> , 2020, 25, 5004.	1.7	12
65	Development and validation of an HPLC-MS/MS method for the determination of filgotinib, a selective Janus kinase 1 inhibitor: Application to a metabolic stability study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1154, 122195.	1.2	12
66	LC-MS/MS method for the quantification of the anti-cancer agent infigratinib: Application for estimation of metabolic stability in human liver microsomes. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1179, 122806.	1.2	10
67	Liquid chromatographic high-throughput analysis of the new ultra-short acting hypnotic HIE-124™ and its metabolite in mice serum using a monolithic silica column. <i>Analyst, The</i> , 2011, 136, 591-597.	1.7	9
68	Microwave-Assisted Solution-Phase Synthesis and DART-Mass Spectrometric Monitoring of a Combinatorial Library of Indolin-2,3-dione Schiff Bases with Potential Antimycobacterial Activity. <i>Molecules</i> , 2011, 16, 5194-5206.	1.7	9
69	Labeling and biodistribution of <sup>99m</sup> Tc-7-bromo-1,4-dihydro-4-oxo-quinolin-3-carboxylic acid complex. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011, 290, 507-513.	0.7	9
70	Synthesis, biological evaluation and Structure Activity Relationships (SARs) study of 8-(substituted)aryloxycaffeine. <i>Arabian Journal of Chemistry</i> , 2019, 12, 2356-2364.	2.3	8
71	Fragmentation Behavior Studies of Chalcones Employing Direct Analysis in Real Time (DART). <i>Mass Spectrometry Letters</i> , 2013, 4, 30-33.	0.5	8
72	A validated LC-MS/MS analytical method for the quantification of pemigatinib: metabolic stability evaluation in human liver microsomes. <i>RSC Advances</i> , 2022, 12, 20387-20394.	1.7	8

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73	2-(Adamantan-1-yl)-5-(4-nitrophenyl)-1,3,4-oxadiazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o795-o795.	0.2	7
74	Induced in-source fragmentation pattern of certain novel (1Z,2E)-N-(aryl)propanehydrazonoyl chlorides by electrospray mass spectrometry (ESI-MS/MS). <i>Chemistry Central Journal</i> , 2013, 7, 16.	2.6	7
75	A Preliminary Study of Arecoline and Guvacoline Presence in the Saliva of a "Betel-Quid" Chewer Using Liquid-Chromatography Ion Trap Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2013, 19, 391-397.	0.5	7
76	In vitro investigation of metabolic profiling of newly developed topoisomerase inhibitors (ethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Technologies in the Biomedical and Life Sciences, 2017, 1054, 93-104.	1.2	7
77	LC-ESI-MS/MS identification and characterization of ponatinib in vivo phase I and phase II metabolites. <i>Clinica Chimica Acta</i> , 2018, 485, 144-151.	0.5	7
78	A Validated LC-MS/MS Assay for the Simultaneous Quantification of the FDA-Approved Anticancer Mixture (Encorafenib and Binimetinib): Metabolic Stability Estimation. <i>Molecules</i> , 2021, 26, 2717.	1.7	7
79	Exploring the effect of khat ( <i>Catha edulis</i> ) chewing on the pharmacokinetics of the antiplatelet drug clopidogrel in rats using the newly developed LC-MS/MS technique. <i>Open Chemistry</i> , 2020, 18, 681-690.	1.0	7
80	Synthesis, Biological Evaluation and Molecular Docking Study of Cyclic Diarylheptanoids as Potential Anticancer Therapeutics. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 464-475.	0.9	7
81	Estimation of zorifertinib metabolic stability in human liver microsomes using LC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 211, 114626.	1.4	7
82	2-(Adamantan-2-ylidene)thiophene-2-carbohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3127-o3127.	0.2	6
83	Development and validation of HPLC-MS/MS method for the determination of lixivaptan in mouse plasma and its application in a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2017, 31, e4007.	0.8	6
84	Development and validation of an HPLC-MS/MS method for the determination of arginine-vasopressin receptor blocker conivaptan in human plasma and rat liver microsomes: application to a metabolic stability study. <i>Chemistry Central Journal</i> , 2018, 12, 47.	2.6	6
85	In-vitro metabolic profiling study of potential topoisomerase inhibitors "pyrazolines"™ in RLMs by mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1114-1115, 125-133.	1.2	6
86	Reactive intermediates in copanlisib metabolism identified by LC-MS/MS: phase I metabolic profiling. <i>RSC Advances</i> , 2019, 9, 6409-6418.	1.7	6
87	Identification and characterization of in vitro, in vivo, and reactive metabolites of tandutinib using liquid chromatography ion trap mass spectrometry. <i>Analytical Methods</i> , 2021, 13, 399-410.	1.3	6
88	Solvent free Cannizzaro reaction applying grindstone technique. <i>Arabian Journal of Chemistry</i> , 2016, 9, S1373-S1377.	2.3	5
89	Structural, spectroscopic, Hirshfeld surface and charge distribution analysis of 3-(1H-imidazole-1-yl)-1-phenylpropan-1-ol complemented by molecular docking predictions: An integrated experimental and computational approach. <i>Journal of Molecular Structure</i> , 2019, 1196, 578-591.	1.8	5
90	Effective quantification of ravidasvir (an NS5A inhibitor) and sofosbuvir in rat plasma by validated LC-MS/MS method and its application to pharmacokinetic study. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8160-8171.	2.3	5

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91	A highly sensitive automated flow immunosensor based on kinetic exclusion analysis for determination of the cancer marker 8-hydroxy-2- $\beta$ -deoxyguanosine in urine. <i>Analytical Methods</i> , 2013, 5, 1502.	1.3	4
92	Synthesis, molecular docking and antibacterial evaluation of various quinoline schiff bases: labeling and biodistribution of $^{99m}\text{Tc}$ -2-(p-hydroxybenzylidene)-1-(quinolin-4-yl) hydrazine. <i>Medicinal Chemistry Research</i> , 2014, 23, 4011-4020.	1.1	4
93	In vitro Investigation of Metabolic Profiling of a Potent Topoisomerase Inhibitors Fluorescein Hydrazones (FLHs) in RLMs by LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1054, 27-35.	1.2	4
94	Characterization of in vivo metabolites in rat urine following an oral dose of masitinib by liquid chromatography tandem mass spectrometry. <i>Chemistry Central Journal</i> , 2018, 12, 61.	2.6	4
95	Sapitinib: reactive intermediates and bioactivation pathways characterized by LC-MS/MS. <i>RSC Advances</i> , 2019, 9, 32995-33006.	1.7	4
96	<p></p>LC-MS/MS Estimation of the Anti-Cancer Agent Tandutinib Levels in Human Liver Microsomes: Metabolic Stability Evaluation Assay</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 4439-4449.	2.0	4
97	<p></p>Metabolic Stability Assessment of Larotrectinib Using Liquid Chromatography Tandem Mass Spectrometry</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 111-119.	2.0	4
98	<p></p>A New Validated HPLC-MS/MS Method for Quantification and Pharmacokinetic Evaluation of Dovitinib, a Multi-Kinase Inhibitor, in Mouse Plasma</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 407-415.	2.0	4
99	Synthesis and antimicrobial activity of novel tetrabromo- $\beta$ , $\gamma$ -bis(substituted-benzyl)cycloalkanones. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 717-723.	0.4	3
100	$\text{N}^{\ominus}$ -[(1E)-(2,6-Difluorophenyl)methylidene]thiophene-2-carbohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o315-o315.	0.2	3
101	1-(5-Bromo-4-phenyl-1,3-thiazol-2-yl)pyrrolidin-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1738-o1739.	0.2	3
102	Pseudo-MS3 Approach Using Electrospray Mass Spectrometry (ESI-MS/MS) to Characterize Certain (2E)-2-[3-(1H-Imidazol-1-yl)-1-phenylpropylidene]hydrazinecarboxamide Derivatives. <i>Journal of Chemistry</i> , 2014, 2014, 1-10.	0.9	3
103	Liquid chromatographic-mass spectrometric method for determination of drug content uniformity of two commonly used dermatology medications in a split-tablet dosage form. <i>Tropical Journal of Pharmaceutical Research</i> , 2016, 15, 1283.	0.2	3
104	Liquid chromatography-tandem mass spectrometry metabolic profiling of nazartinib reveals the formation of unexpected reactive metabolites. <i>Royal Society Open Science</i> , 2019, 6, 190852.	1.1	3
105	<p></p>Characterization of Stable and Reactive Metabolites of the Anticancer Drug, Ensartinib, in Human Liver Microsomes Using LC-MS/MS: An in silico and Practical Bioactivation Approach</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 5259-5273.	2.0	3
106	Preparation of Multifunctional Nanoprobes for Tumor-Targeted Fluorescent Imaging and Therapy. <i>Current Drug Targets</i> , 2015, 16, 549-559.	1.0	3
107	Comparative bioavailability study of cefuroxime axetil (equivalent to 500 mg cefuroxime/tablet) tablets (Zednad <sup>®</sup> versus Zinnat <sup>®</sup> ) in healthy male volunteers. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2011, 49, 571-576.	0.3	3
108	Detection and characterization of simvastatin and its metabolites in rat tissues and biological fluids using MALDI high resolution mass spectrometry approach. <i>Scientific Reports</i> , 2022, 12, 4757.	1.6	3

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109	Multistage Fragmentation of Ion Trap Mass Spectrometry System and Pseudo-MS <sup>3</sup> of Triple Quadrupole Mass Spectrometry Characterize Certain (<i>E</i>)-3-(Dimethylamino)-1-arylprop-2-en-1-ones: A Comparative Study. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	2
110	Reactive intermediates in naquotinib metabolism identified by liquid chromatography-tandem mass spectrometry: phase I metabolic profiling. RSC Advances, 2019, 9, 10211-10225.	1.7	2
111	Synthesis and Photophysical Properties of Fluorescein Esters as Potential Organic Semiconductor Materials. Journal of Fluorescence, 2021, 31, 1489-1502.	1.3	2
112	LC-MS/MS Estimation of Rociletinib Levels in Human Liver Microsomes: Application to Metabolic Stability Estimation. Drug Design, Development and Therapy, 2021, Volume 15, 3915-3925.	2.0	2
113	Fragmentation pattern of certain isatin-indole antiproliferative conjugates with application to identify their in vitro metabolic profiles in rat liver microsomes by liquid chromatography tandem mass spectrometry. Open Chemistry, 2020, 18, 503-515.	1.0	2
114	Bioequivalence evaluation of 320 mg gemifloxacin tablets in healthy volunteers. International Journal of Clinical Pharmacology and Therapeutics, 2007, 45, 617-622.	0.3	2
115	Synthesis and Fragmentation Behavior Study of n-alkyl/benzyl Isatin Derivatives Present in Small/Complex Molecules: Precursor for the Preparation of Biological Active Heterocycles. Mass Spectrometry Letters, 2015, 6, 65-70.	0.5	2
116	<i>N</i>-[4-(4-Bromophenyl)thiazol-2-yl]-4-(piperidin-1-yl)butanamide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1665-o1665.	0.2	1
117	Galeon: A Biologically Active Molecule with In Silico Metabolite Prediction, In Vitro Metabolic Profiling in Rat Liver Microsomes, and In Silico Binding Mechanisms with CYP450 Isoforms. Molecules, 2020, 25, 5903.	1.7	1
118	<i>In Vitro</i> Identification of Potential Metabolites of Plinabulin (NPI 2358) in Hepatic Preparations Using Liquid Chromatography-Ion Trap Mass Spectrometry. ACS Omega, 0, , .	1.6	1
119	Crystal structure of 2-(4-(4-bromophenyl)thiazol-2-yl)isoindoline-1,3-dione, C <sub>17</sub> H <sub>9</sub> BrN <sub>2</sub> O <sub>2</sub> S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 853-854.	0.1	0
120	Molecular platforms based on biocompatible photoreactions for photo-modulation of biological targets. Organic and Biomolecular Chemistry, 2021, 19, 9358-9368.	1.5	0