Gananadhamu Samanthula

List of Publications by Year
in descending order

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40	437	759233 12	888059 17
papers	citations	h-index	g-index

40	40	40	469
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of forced degradation products and in silico toxicity prediction of Sofosbuvir: A novel HCV NS5B polymerase inhibitor. Journal of Pharmaceutical and Biomedical Analysis, 2016, 120, 352-363.	2.8	41
2	Application of experimental design and response surface technique for selecting the optimum RP-HPLC conditions for the determination of moxifloxacin HCl and ketorolac tromethamine in eye drops. Journal of Saudi Chemical Society, 2017, 21, S373-S382.	5.2	27
3	Sustained-Release Curcumin Microparticles for Effective Prophylactic Treatment of Exocrine Dysfunction of Pancreas: AÂPreclinical Study on Cerulein-Induced Acute Pancreatitis. Journal of Pharmaceutical Sciences, 2018, 107, 2869-2882.	3.3	24
4	Preparation and Comparison of Oral Bioavailability for Different Nano-formulations of Olaparib. AAPS PharmSciTech, 2019, 20, 276.	3.3	22
5	Characterization of degradation products of Ivabradine by LCâ€HRâ€MS/MS: a typical case of exhibition of different degradation behaviour in HCl and H₂SO₄ acid hydrolysis. Journal of Mass Spectrometry, 2015, 50, 344-353.	1.6	21
6	RP-HPLC Method for Determination of Several NSAIDs and Their Combination Drugs. Chromatography Research International, 2013, 2013, 1-13.	0.4	20
7	Quality-by-design-based ultra high performance liquid chromatography related substances method development by establishing the proficient design space for sumatriptan and naproxen combination. Journal of Separation Science, 2015, 38, 3354-3362.	2.5	20
8	Characterization of forced degradation products of ketorolac tromethamine using LC/ESI/Q/TOF/MS/MS and <scp>in silico</scp> toxicity prediction. Journal of Mass Spectrometry, 2014, 49, 380-391.	1.6	16
9	Identification of forced degradation products of tamsulosin using liquid chromatography/electrospray ionization tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2014, 88, 245-255.	2.8	14
10	Study on the forced degradation behaviour of ledipasvir: Identification of major degradation products using LCâ€“QTOFâ€“MS/MS and NMR. Journal of Pharmaceutical and Biomedical Analysis, 2017, 138, 29-42.	2.8	14
11	Validated LC-MS/MS method for simultaneous determination of Dasatinib and Sitagliptin in rat plasma and its application to pharmacokinetic study. Analytical Methods, 2014, 6, 433-439.	2.7	12
12	LCâ€“ESIâ€“MS/MS evaluation of forced degradation behaviour of silodosin: In vitro anti cancer activity evaluation of silodosin and major degradation products. Journal of Pharmaceutical and Biomedical Analysis, 2017, 134, 1-10.	2.8	12
13	Dramatic improvement in pharmacokinetic and pharmacodynamic effects of sustain release curcumin microparticles demonstrated in experimental type 1 diabetes model. European Journal of Pharmaceutical Sciences, 2019, 130, 200-214.	4.0	12
14	Characterization of stress degradation products of nintedanib by UPLC, UHPLC-Q-TOF/MS/MS and NMR: Evidence of a degradation product with a structure alert for mutagenicity. Journal of Pharmaceutical and Biomedical Analysis, 2021, 199, 114037.	2.8	12
15	Stress degradation study on entrectinib and characterization of its degradation products using HRMS and NMR. Journal of Pharmaceutical and Biomedical Analysis, 2022, 208, 114459.	2.8	12
16	Characterization of forced degradation products of pazopanib hydrochloride by UHPLCâ€Qâ€TOF/MS and in silico toxicity prediction. Journal of Mass Spectrometry, 2015, 50, 918-928.	1.6	11
17	Liquid chromatography/tandem mass spectrometry study of forced degradation of azilsartan medoxomil potassium. Rapid Communications in Mass Spectrometry, 2015, 29, 1437-1447.	1.5	11
18	Quantitation of acotiamide in rat plasma by UHPLCâ€Qâ€TOFâ€MS: method development, validation and application to pharmacokinetics. Biomedical Chromatography, 2016, 30, 363-368.	1.7	11

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19	Identification of degradation products of saquinavir mesylate by ultraâ€highâ€performance liquid chromatography/electrospray ionization quadrupole timeâ€ofâ€flight tandem mass spectrometry and its application to quality control. Rapid Communications in Mass Spectrometry, 2017, 31, 771-781.	1.5	11
20	Validated stability indicating assay method of olaparib: LC-ESI-Q-TOF-MS/MS and NMR studies for characterization of its new hydrolytic and oxidative forced degradation products. Journal of Pharmaceutical and Biomedical Analysis, 2018, 160, 89-98.	2.8	11
21	Forced degradation of fingolimod: Effect of co-solvent and characterization of degradation products by UHPLC-Q-TOFâ€“MS/MS and 1H NMR. Journal of Pharmaceutical and Biomedical Analysis, 2015, 115, 388-394.	2.8	10
22	UPLC Separation of forced degradation and process related impurities of Velpatasvir and structure elucidation by online LC-Quadrupole-Time of flight-Tandem mass Spectrometry. Microchemical Journal, 2020, 155, 104657.	4.5	10
23	Rapid LC-ESI-MS-MS Method for the Simultaneous Determination of Sitagliptin and Pioglitazone in Rat Plasma and Its Application to Pharmacokinetic Study. American Journal of Analytical Chemistry, 2012, 03, 849-858.	0.9	9
24	Stabilityâ€indicating assay method for acotiamide: Separation, identification and characterization of its hydroxylated and hydrolytic degradation products along with a processâ€related impurity by ultraâ€highâ€performance liquid chromatography/electrospray ionization quadrupole timeâ€ofâ€flight tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2017, 31, 1813-1824.	1.5	8
25	Application of the UHPLC method for separation and characterization of major photolytic degradation products of trazodone by LC-MS and NMR. New Journal of Chemistry, 2018, 42, 16972-16984.	2.8	7
26	Ultra HPLC Method for Fixed Dose Combination of Azilsartan Medoxomil and Chlorthalidone: Identification and in silico Toxicity Prediction of Degradation Products. Journal of Analytical Chemistry, 2018, 73, 560-569.	0.9	7
27	Study of Forced Degradation Behaviour of Brinzolamide Using LCâ€“ESIâ€“Q-TOF and In Silico Toxicity Prediction. Chromatographia, 2016, 79, 1293-1308.	1.3	6
28	Liquid Chromatographic Method Development for Forced Degradation Products of Dabigatran Etexilate: Characterisation and In Silico Toxicity Evaluation. Chromatographia, 2016, 79, 169-178.	1.3	6
29	Application of online liquid chromatography/quadrupole timeâ€ofâ€flight electrospray ionization tandem mass spectrometry for structural characterization of linagliptin degradation products and related impurities. Rapid Communications in Mass Spectrometry, 2020, 34, e8874.	1.5	6
30	Stability-Indicating RP-HPLC Method for Simultaneous Estimation of Doxophylline and Terbutalinesulphate in Pharmaceutical Formulations. Scientia Pharmaceutica, 2013, 81, 969-982.	2.0	5
31	Characterization of the stress degradation products of tolvaptan by UPLC-Q-TOF-MS/MS. RSC Advances, 2015, 5, 21142-21152.	3.6	5
32	In vivo metabolite identification of acotiamide in rats using ultraâ€performance liquid chromatographyâ€“quadrupole/timeâ€ofâ€flight mass spectrometry. Biomedical Chromatography, 2017, 31, e3915.	1.7	4
33	Separation and Characterization of New Forced Degradation Products of Macitentan: A Dual Endothelin Receptor Antagonist. Chromatographia, 2018, 81, 525-531.	1.3	4
34	Structural Characterisation of the Stress Degradation Products of Adefovir Dipivoxil by LC-MS and NMR. Analytical Chemistry Letters, 2018, 8, 379-392.	1.0	4
35	Validated Stability-Indicating Assay Method for Simultaneous Determination of Aceclofenac and Thiocolchicoside using RP-HPLC. Drug Research, 2014, 64, 429-435.	1.7	3
36	Comprehensive degradation profiling and influence of different oxidizing reagents on tinoridine hydrochloride: Structural characterization of its degradation products using HPLC and HRMS. Rapid Communications in Mass Spectrometry, 2022, 36, e9210.	1.5	3

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37	Development of Stability Indicating Assay Method for Separation and Identification of Degradation Products of Daclatasvir Dihydrochloride by LC-ESI-QTOF-MS/MS. Analytical Chemistry Letters, 2019, 9, 209-222.	1.0	2
38	Characterization of Forced Degradation Products & Related Substances of Bilastine by Online LC-Q-TOF-MS and In-silico Study of Characterized Compounds. Analytical Chemistry Letters, 2021, 11, 563-579.	1.0	2
39	Rapid LC-MS Compatible Stability Indicating Assay Method for Azilsartan Medoxomil Potassium. Journal of Analytical & Bioanalytical Techniques, 2015, 6, .	0.6	1
40	Forced degradation studies on axitinib and characterization of its degradation products by liquid chromatographyâ€high resolution mass spectrometry and nuclear magnetic resonance spectroscopy along with its insilico toxicity assessment. Separation Science Plus, 2022, 5, 431-441.	0.6	1