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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	Preparation and Comparison of Oral Bioavailability for Different Nano-formulations of Olaparib. AAPS PharmSciTech, 2019, 20, 276.	3.3	22
9	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
10	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
11	Separation and Characterization of New Forced Degradation Products of Macitentan: A Dual Endothelin Receptor Antagonist. Chromatographia, 2018, 81, 525-531.	1.3	4
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	Rapid LC-MS Compatible Stability Indicating Assay Method for Azilsartan Medoxomil Potassium. Journal of Analytical & Bioanalytical Techniques, 2015, 6, .	0.6	1
31	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
32	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
33	Characterization of the stress degradation products of tolvaptan by UPLC-Q-TOF-MS/MS. RSC Advances, 2015, 5, 21142-21152.	3.6	5
34	Validated Stability-Indicating Assay Method for Simultaneous Determination of Aceclofenac and Thiocolchicoside using RP-HPLC. Drug Research, 2014, 64, 429-435.	1.7	3
35	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
36	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

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37	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
38	Stability-Indicating RP-HPLC Method for Simultaneous Estimation of Doxophylline and Terbutalinesulphate in Pharmaceutical Formulations. Scientia Pharmaceutica, 2013, 81, 969-982.	2.0	5
39	RP-HPLC Method for Determination of Several NSAIDs and Their Combination Drugs. Chromatography Research International, 2013, 2013, 1-13.	0.4	20
40	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