

Min Li

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

238
citations

933447

10
h-index

996975

15
g-index

23
all docs

23
docs citations

23
times ranked

145
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of LC-MSn in conjunction with mechanism-based stress studies in the elucidation of drug impurity structure: Rapid identification of a process impurity in betamethasone 17-valerate drug substance. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 1451-1456.	2.8	29
2	Rapid structure elucidation of drug degradation products using mechanism-based stress studies in conjunction with LC-MSn and NMR spectroscopy: identification of a photodegradation product of betamethasone dipropionate. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 275-280.	2.8	26
3	Mechanism of base-catalyzed autooxidation of corticosteroids containing 20-keto-21-hydroxyl side chain. <i>Tetrahedron Letters</i> , 2009, 50, 4575-4581.	1.4	22
4	Forced Degradation of Betamethasone Sodium Phosphate under Solid State: Formation, Characterization, and Mechanistic Study of All Four 17,20-Diastereomers of Betamethasone 17-Deoxy-20-Hydroxy-21-Oic Acid. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 894-904.	3.3	20
5	“Ghost peaks” of ezetimibe: Solution degradation products of ezetimibe in acetonitrile induced by alkaline impurities from glass HPLC vials. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 281-286.	2.8	20
6	Use of liquid chromatography/tandem mass spectrometric molecular fingerprinting for the rapid structural identification of pharmaceutical impurities. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3533-3542.	1.5	17
7	A novel oxidative degradation pathway of indomethacin under the stressing by hydrogen peroxide. <i>Tetrahedron Letters</i> , 2005, 46, 3533-3536.	1.4	16
8	“Ghost peak” of clofazimine: A solution degradation product of clofazimine via nucleophilic substitution by nitrite leaching from certain glass HPLC vials. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 150, 183-190.	2.8	16
9	Use of high resolution LC-MSn analysis in conjunction with mechanism-based stress studies: Identification of asarinin, an impurity from sesame oil in an animal health product. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 1015-1021.	2.8	13
10	An artifactual solution degradant of pregabalin due to adduct formation with acetonitrile catalyzed by alkaline impurities during HPLC sample preparation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 175, 112788.	2.8	10
11	Solution degradant of mirabegron extended release tablets resulting from a Strecker-like reaction between mirabegron, minute amounts of hydrogen cyanide in acetonitrile, and formaldehyde in PEG during sample preparation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 168, 181-188.	2.8	9
12	A Single RP-LC Method for the Determination of Benzalkonium Chloride and Its Potential Impurities in Benzalkonium Chloride Raw Material. <i>Chromatographia</i> , 2010, 71, 499-503.	1.3	8
13	Structure elucidation and formation mechanistic study of a methylene-bridged pregabalin dimeric degradant in pregabalin extended-release tablets. <i>International Journal of Pharmaceutics</i> , 2020, 575, 118910.	5.2	6
14	Gas-phase formation of protonated benzene during collision-induced dissociation of certain protonated mono-substituted aromatic molecules produced in electrospray ionization. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1707-1716.	1.5	5
15	Formation of formaldehyde as an artifact peak in head space GC analysis resulting from decomposition of sample diluent DMSO: A GC-MS investigation with deuterated DMSO. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 188, 113361.	2.8	5
16	Study of the isomeric Maillard degradants, glycosylamine and Amadori rearrangement products, and their differentiation via MS ² fingerprinting from collision-induced decomposition of protonated ions. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9062.	1.5	5
17	Reaction of Irbesartan with Nitrous Acid Produces Irbesartan Oxime Derivatives, rather than <i>N</i> -Nitrosoirbesartan. <i>Organic Process Research and Development</i> , 2022, 26, 1236-1246.	2.7	5
18	Structural elucidation of two novel degradants of lurasidone and their formation mechanisms under free radical-mediated oxidative and photolytic conditions via liquid chromatography-photodiode array/ultraviolet-tandem mass spectrometry and one-dimensional/two-dimensional nuclear magnetic resonance spectroscopy. <i>Journal of Mass Spectrometry</i> , 2022, 57, .	1.6	3

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19	Structure Elucidation and Mechanistic Study of a New Dimeric Degradant in Ropinirole Hydrochloride Extended-Release Tablets. <i>Pharmaceutical Research</i> , 2020, 37, 136.	3.5	2