Archana Sahu

List of Publications by Year
in descending order

21 papers	460 citations	759233 12 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	436 citing authors

#	Article	IF	Citations
1	Characterization of degradation products of celiprolol hydrochloride using hyphenated mass and NMR techniques. Journal of Pharmaceutical and Biomedical Analysis, 2021, 197, 113953.	2.8	4
2	Stability behaviour of antiretroviral drugs and their combinations. 11: Characterization of interaction products of zidovudine and efavirenz, and evaluation of their anti HIV-1 activity, and physiochemical and ADMET properties. Journal of Pharmaceutical and Biomedical Analysis, 2020, 178, 112911.	2.8	8
3	Stability behaviour of antiretroviral drugs and their combinations. 10: LC-HRMS, LC-MSn, LC-NMR and NMR characterization of fosamprenavir degradation products and in silico determination of their ADMET properties. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 165-178.	4.3	15
4	Stability behaviour of antiretroviral drugs and their combinations. 9: Identification of incompatible excipients. Journal of Pharmaceutical and Biomedical Analysis, 2019, 166, 174-182.	2.8	8
5	Stability behaviour of antiretroviral drugs and their combinations. 8: Characterization and in-silico toxicity prediction of degradation products of efavirenz. Journal of Pharmaceutical and Biomedical Analysis, 2018, 148, 170-181.	2.8	17
6	Critical review on establishment and availability of impurity and degradation product reference standards, challenges faced by the users, recent developments, and trends. TrAC - Trends in Analytical Chemistry, 2018, 101, 85-107.	11.4	17
7	Characterization of solution stress degradation products of aliskiren and prediction of their physicochemical and ADMET properties. European Journal of Pharmaceutical Sciences, 2018, 121, 139-154.	4.0	7
8	Stability behaviour of antiretroviral drugs and their combinations. 6: evidence of formation of potentially toxic degradation products of zidovudine under hydrolytic and photolytic conditions. RSC Advances, 2017, 7, 18803-18814.	3.6	8
9	Stability behaviour of antiretroviral drugs and their combinations. 5: Characterization of novel degradation products of abacavir sulfate by mass and nuclear magnetic resonance spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2017, 134, 372-384.	2.8	17
10	Stability behaviour of antiretroviral drugs and their combinations. 2: Characterization of interaction products of lamivudine and tenofovir disoproxil fumarate by mass and NMR spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2016, 125, 245-259.	2.8	16
11	Study of the forced degradation behavior of prasugrel hydrochloride by liquid chromatography with mass spectrometry and liquid chromatography with NMR detection and prediction of the toxicity of the characterized degradation products. Journal of Separation Science, 2015, 38, 2995-3005.	2.5	13
12	Use of LCâ€"MS/TOF, LCâ€"MSn, NMR and LCâ€"NMR in characterization of stress degradation products: Application to cilazapril. Journal of Pharmaceutical and Biomedical Analysis, 2015, 111, 190-203.	2.8	15
13	Stability behaviour of antiretroviral drugs and their combinations. 1: characterization of tenofovir disoproxil fumarate degradation products by mass spectrometry. RSC Advances, 2015, 5, 96117-96129.	3.6	22
14	Characterization of stress degradation products of benazepril by using sophisticated hyphenated techniques. Journal of Chromatography A, 2013, 1271, 124-136.	3.7	10
15	LC-MS/TOF, LC-MSn, on-line H/D exchange and LC-NMR studies on rosuvastatin degradation and in silico determination of toxicity of its degradation products: a comprehensive approach during drug development. Analytical and Bioanalytical Chemistry, 2013, 405, 3215-3231.	3.7	24
16	A critical review on the use of modern sophisticated hyphenated tools in the characterization of impurities and degradation products. Journal of Pharmaceutical and Biomedical Analysis, 2012, 69, 148-173.	2.8	166
17	ICH guidance in practice: Degradation behaviour of oseltamivir phosphate under stress conditions. Journal of Pharmaceutical and Biomedical Analysis, 2012, 62, 48-60.	2.8	17
18	Identification and characterization of geometrical isomeric photo degradation product of eprosartan using LC-MS and LC-NMR. European Journal of Chemistry, 2011, 2, 152-157.	0.6	9

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19	Identification and characterization of degradation products of irbesartan using LCâ€"MS/TOF, MSn, on-line H/D exchange and LCâ€"NMR. Journal of Pharmaceutical and Biomedical Analysis, 2010, 51, 1037-1046.	2.8	55
20	Thin Layer Chromatography of Opium Alkaloids with Hybrid CTAB-Alcohol-Water Mobile Phase and Estimation of Papaverine. HCl and Codeine Sulphate in Pharmaceutical Formulations. Journal of the Chinese Chemical Society, 2005, 52, 247-251.	1.4	9
21	Thin Layer Chromatography of Purines on Silica Gel G Impregnated with Transition Metal Ions; Assay of Caffeine and Theophylline in Pharmaceutical Formulations. Journal of the Chinese Chemical Society, 2003, 50, 1031-1036.	1.4	3