

Chandan Kumar Gautam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/414969/publications.pdf>

Version: 2024-02-01

45
papers

362
citations

840776

11
h-index

940533

16
g-index

47
all docs

47
docs citations

47
times ranked

230
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Determination of Anti-Migraine Quaternary Mixture in Presence of <i>p</i> -Aminophenol and 4-Chloroacetanilide. <i>Journal of Chromatographic Science</i> , 2022, 60, 538-544.	1.4	5
2	Adoption of Advanced Chemometric Methods for Determination of Pyridoxine HCl, Cyclizine HCl, and Meclizine HCl in the Presence of Related Impurities: A Comparative Study. <i>Journal of AOAC INTERNATIONAL</i> , 2022, 105, 630-640.	1.5	3
3	Environmental impact of the reported chromatographic methods for the determination of the first FDA-Approved therapy for COVID-19 Patients, Remdesivir: A comparative study. <i>Microchemical Journal</i> , 2022, 176, 107242.	4.5	22
4	Impurity profiling UPLC methods for quantitative analysis of some antiemetics formulated with Pyridoxine. <i>Biomedical Chromatography</i> , 2022, , e5353.	1.7	0
5	A Quick Method to Quantify Iron in Arabidopsis Seedlings. <i>Bio-protocol</i> , 2022, 12, e4342.	0.4	2
6	Assessment of Nasal-Brain-Targeting Efficiency of New Developed Mucoadhesive Emulsomes Encapsulating an Anti-Migraine Drug for Effective Treatment of One of the Major Psychiatric Disorders Symptoms. <i>Pharmaceutics</i> , 2022, 14, 410.	4.5	8
7	Lipid Nanocarriers Overlaid with Chitosan for Brain Delivery of Berberine via the Nasal Route. <i>Pharmaceutics</i> , 2022, 15, 281.	3.8	27
8	Utilization of Polymeric Micelles as a Lucrative Platform for Efficient Brain Deposition of Olanzapine as an Antischizophrenic Drug via Intranasal Delivery. <i>Pharmaceutics</i> , 2022, 15, 249.	3.8	4
9	Isatin Counteracts Diethylnitrosamine/2-Acetylaminofluorene-Induced Hepatocarcinogenesis in Male Wistar Rats by Upregulating Anti-Inflammatory, Antioxidant, and Detoxification Pathways. <i>Antioxidants</i> , 2022, 11, 699.	5.1	13
10	Predicting the Kidney Graft Survival Using Optimized African Buffalo-Based Artificial Neural Network. <i>Journal of Healthcare Engineering</i> , 2022, 2022, 1-9.	1.9	1
11	Ecologically evaluated and FDA-validated HPTLC method for assay of pregabalin and tramadol in human biological fluids. <i>Biomedical Chromatography</i> , 2021, 35, e5023.	1.7	0
12	Development of pyridazine derivatives as potential EGFR inhibitors and apoptosis inducers: Design, synthesis, anticancer evaluation, and molecular modeling studies. <i>Bioorganic Chemistry</i> , 2021, 106, 104473.	4.1	13
13	High-Performance Liquid Chromatography Method for Simultaneous Determination of Guaifenesin, Salbutamol Sulfate and Guaifenesin Impurity (Guaicol). <i>Journal of Chromatographic Science</i> , 2021, 59, 419-424.	1.4	6
14	ESI-MS/MS for Therapeutic Drug Monitoring of Binary Mixture of Pregabalin and Tramadol: Human Plasma and Urine Applications. <i>Separations</i> , 2021, 8, 21.	2.4	7
15	Green HPLC-DAD and HPTLC Methods for Quantitative Determination of Binary Mixture of Pregabalin and Amitriptyline Used for Neuropathic Pain Management. <i>Journal of Chromatographic Science</i> , 2021, 59, 536-547.	1.4	3
16	Development and validation of a stability indicating RP-HPLC-DAD method for the determination of bromazepam. <i>PLoS ONE</i> , 2021, 16, e0244951.	2.5	7
17	Eco-Friendly Direct GC-MS Method for Estimation of Niacin and Related Impurities Involving Pyridine in Food Supplements. <i>Separations</i> , 2021, 8, 46.	2.4	1
18	Green and cost-effective extraction techniques of quercetin from mixture of nutraceuticals with yield analysis via spectrophotometry and high performance liquid chromatograph methods. <i>Journal of AOAC INTERNATIONAL</i> , 2021, , .	1.5	5

#	ARTICLE	IF	CITATIONS
19	Separation and Determination of Diflunisal and its Impurity by Two Chromatographic Methods: TLC-Densitometry and HPLC. <i>Journal of AOAC INTERNATIONAL</i> , 2021, 104, 1719-1725.	1.5	3
20	Development and Validation of Ecofriendly HPLC-MS Method for Quantitative Assay of Amoxicillin, Dicloxacillin, and Their Official Impurity in Pure and Dosage Forms. <i>Journal of Analytical Methods in Chemistry</i> , 2021, 2021, 1-9.	1.6	3
21	Simultaneous analysis of oxytetracycline hydrochloride, lidocaine, and bromhexine hydrochloride in the presence of many interfering excipients. <i>Archiv Der Pharmazie</i> , 2021, 354, e2100131.	4.1	9
22	IRONMAN tunes responses to iron deficiency in concert with environmental pH. <i>Plant Physiology</i> , 2021, 187, 1728-1745.	4.8	29
23	Protective effects of perindopril against indomethacin-induced gastric mucosal damage through modulation of DDAH-1/ADMA and ACE-2/ANG-(1-7) signaling pathways. <i>Drug and Chemical Toxicology</i> , 2021, , 1-10.	2.3	1
24	Novel Chitosan-Coated Niosomal Formulation for Improved Management of Bacterial Conjunctivitis: A Highly Permeable and Efficient Ocular Nanocarrier for Azithromycin. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 3027-3036.	3.3	34
25	Development of Green and Efficient Extraction Methods of Quercetin from Red Onion Scales Wastes Using Factorial Design for Method Optimization: A Comparative Study. <i>Separations</i> , 2021, 8, 137.	2.4	22
26	Response surface methodology for optimization of micellar-enhanced spectrofluorimetric method for assay of foretinib in bulk powder and human urine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 257, 119811.	3.9	12
27	Application of Three Ecological Assessment Tools in Examining Chromatographic Methods for the Green Analysis of a Mixture of Dopamine, Serotonin, Glutamate and GABA: A Comparative Study. <i>Molecules</i> , 2021, 26, 5436.	3.8	6
28	Chemical characteristics and targeted encapsulated Cordia myxa fruits extracts nanoparticles for antioxidant and cytotoxicity potentials. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5349-5358.	3.8	12
29	Validated spectral manipulations for determination of an anti-neoplastic drug and its related impurities including its hazardous degradation product. <i>RSC Advances</i> , 2021, 11, 21332-21342.	3.6	2
30	OUP accepted manuscript. <i>Journal of AOAC INTERNATIONAL</i> , 2021, , .	1.5	0
31	Hexosomal Dispersion: A Nano-Based Approach to Boost the Antifungal Potential of Citrus Essential Oils against Plant Fungal Pathogens. <i>Molecules</i> , 2021, 26, 6284.	3.8	5
32	Quantitative determination of Dapoxetine Hydrochloride and Tadalafil using different validated spectrophotometric methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 226, 117611.	3.9	25
33	Development and Validation of HPTLC and Green HPLC Methods for Determination of a New Combination of Quinfamide and Mebendazole. <i>Journal of Chromatographic Science</i> , 2020, 58, 16-21.	1.4	5
34	US FDA-validated green GC-MS method for analysis of gabapentin, tramadol and/or amitriptyline mixtures in biological fluids. <i>Bioanalysis</i> , 2020, 12, 1521-1533.	1.5	4
35	Three Spectrophotometric Methods for Quantitative Analysis of Duloxetine in Presence of its Toxic Impurity: 1-Naphthol. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 972-979.	1.5	1
36	Stability indicating spectrophotometric methods for quantitative determination of bromazepam and its degradation product. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 238, 118433.	3.9	8

#	ARTICLE	IF	CITATIONS
37	Two Multivariate Calibration Models for Assay of Niacin in Complex Mixtures with Its Official Impurities: A Pharmaceutical Application. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 1660-1666.	1.5	1
38	Validation and eco-scale assessment of stability-indicating HPTLC method for quantitative analysis of carbamazepine and its degradation product, iminostilbene, in pure forms, pharmaceutical preparations, and spiked human plasma. <i>Journal of Planar Chromatography - Modern TLC</i> , 2020, 33, 219-229.	1.2	2
39	Partial least squares and linear support vector regression chemometric models for analysis of Norfloxacin and Tinidazole with Tinidazole impurity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 239, 118513.	3.9	11
40	Ultraviolet cutoff area and predictive ability of partial least squares regression method: A pharmaceutical case study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 231, 118116.	3.9	4
41	A Validated Green HPTLC Method for Quantitative Determination of Dapoxetine Hydrochloride and Tadalafil in Bulk and Pharmaceutical Formulations. <i>Journal of Chromatographic Science</i> , 2020, 58, 303-308.	1.4	15
42	Development and Validation of Two Chromatographic Methods for Simultaneous Determination and Quantification of Amiloride Hydrochloride, Hydrochlorothiazide, and Their Related Substances, in Pure and Tablet Forms. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 747-754.	1.5	1
43	Comparative study of eco-friendly spectrophotometric methods for accurate quantification of Mebendazole and Quinfamide combination; Content uniformity evaluation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 235, 118271.	3.9	6
44	Impurity profiling high-performance thin-layer chromatography method involving the assay of essential human micronutrient niacin with eco-scale assessment. <i>Biomedical Chromatography</i> , 2020, 34, e4858.	1.7	4
45	VIT-CMJ2: Endophyte of <i>Agaricus bisporus</i> in Production of Bioactive Compounds. <i>Iranian Journal of Biotechnology</i> , 2016, 14, 19-24.	0.3	8