

Mehmet GÃœmÃ¼cÃ¼oÄlu

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,270
citations

361413

20
h-index

414414

32
g-index

60
all docs

60
docs citations

60
times ranked

1862
citing authors

#	ARTICLE	IF	CITATIONS
1	Layer by layer assembly of core-corona structured solid lipid nanoparticles with β -cyclodextrin polymers. <i>International Journal of Pharmaceutics</i> , 2021, 592, 119994.	5.2	12
2	Disposable electrochemical flow cell with paper-based electrode assemble. <i>Journal of Electroanalytical Chemistry</i> , 2021, 891, 115268.	3.8	5
3	A study to enhance the oral bioavailability of s-adenosyl-l-methionine (SAME): SLN and SLN nanocomposite particles. <i>Chemistry and Physics of Lipids</i> , 2021, 237, 105086.	3.2	10
4	The Effect of Enantiomer Elution Order on the Determination of Minor Enantiomeric Impurity in Ketoprofen and Enantiomeric Purity Evaluation of Commercially Available Dexketoprofen Formulations. <i>Molecules</i> , 2020, 25, 5865.	3.8	9
5	A novel stability indicating analytical method development for simultaneous determination of carboplatin and decitabine from nanoparticles. <i>Journal of Separation Science</i> , 2020, 43, 3491-3498.	2.5	5
6	In the context of superficially porous silica particles: simultaneous determination of dutasteride and tamsulosin from biological samples. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1457-1465.	2.2	1
7	Separation of brombuterol enantiomers in capillary electrophoresis with cyclodextrin type chiral selectors and investigation of structure of selector-selectand complexes using nuclear magnetic resonance spectroscopy. <i>Electrophoresis</i> , 2019, 40, 1904-1912.	2.4	14
8	QbD guided early pharmaceutical development study: Production of lipid nanoparticles by high pressure homogenization for skin cancer treatment. <i>International Journal of Pharmaceutics</i> , 2019, 563, 110-121.	5.2	57
9	Step-by-step optimization of the HILIC method for simultaneous determination of abacavir, lamivudine, and zidovudine from dosage form. <i>Turkish Journal of Chemistry</i> , 2019, 43, 1597-1607.	1.2	4
10	The History of the Core-Shell Particles and Applications in Active Pharmaceutical Ingredients Via Liquid Chromatography. <i>Chromatographia</i> , 2019, 82, 17-48.	1.3	26
11	Modern Assay Techniques for Cancer Drugs: Electroanalytical and Liquid Chromatography Methods. <i>Critical Reviews in Analytical Chemistry</i> , 2019, 49, 306-323.	3.5	8
12	Determination of Probiotic Abilities and Lactic Acid Content of <i>Pediococcus acidilactici</i> . <i>Current Analytical Chemistry</i> , 2019, 15, 511-521.	1.2	3
13	Development of stability indicating HPLC method for the separation and validation of enantiomers of miconazole. <i>Chirality</i> , 2018, 30, 807-815.	2.6	5
14	Development of a HILIC method for the determination of 5-fluorouracil from nano drug delivery systems and rat skin extracts. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 154, 285-293.	2.8	17
15	Simultaneous determination and validation of emtricitabine, rilpivirine and tenofovir from biological samples using LC and CE methods. <i>Biomedical Chromatography</i> , 2018, 32, e4158.	1.7	9
16	Analytical and Preparative Scale Separation of Enantiomers of Chiral Drugs by Chromatography and Related Methods. <i>Current Medicinal Chemistry</i> , 2018, 25, 4152-4188.	2.4	73
17	A novel core-shell-based chromatographic method supported by ratio derivative spectrophotometry for the simultaneous determination of perindopril, indapamide, and amlodipine ternary mixtures. <i>Turkish Journal of Chemistry</i> , 2018, 42, 1408-1419.	1.2	7
18	Quorum sensing signals and related virulence inhibition of <i>Pseudomonas aeruginosa</i> by a potential probiotic strain's organic acid. <i>Microbial Pathogenesis</i> , 2018, 121, 190-197.	2.9	54

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19	Application of cellulose 3,5-dichlorophenylcarbamate covalently immobilized on superficially porous silica for the separation of enantiomers in high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2018, 1571, 132-139.	3.7	41
20	Separation of terbutaline enantiomers in capillary electrophoresis with cyclodextrin-type chiral selectors and investigation of structure of selector-selectand complexes. <i>Journal of Chromatography A</i> , 2018, 1571, 231-239.	3.7	36
21	A novel approach for drug targeting. , 2018, , 69-107.		5
22	Lipid-based nanoparticles for dermal drug delivery. , 2018, , 369-413.		12
23	Fulvestrant-loaded polymer-based nanoparticles for local drug delivery: Preparation and in vitro characterization. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 40, 73-82.	3.0	15
24	The Role and the Place of High-Performance Liquid Chromatography for the Determination of Fermented Dairy Products. , 2017, , 421-464.		1
25	Effect of Polymer-Based Nanoparticles on the Assay of Antimicrobial Drug Delivery Systems. , 2017, , 67-108.		83
26	Nanosized Drug Carriers for Oral Delivery of Anticancer Compounds and the Importance of the Chromatographic Techniques. , 2017, , 165-195.		9
27	Rhamnolipid Production by <i>Pseudomonas putida</i> IBS036 and <i>Pseudomonas pachastrellae</i> LOS20 with Using Pulps. <i>Current Pharmaceutical Analysis</i> , 2017, 13, 138-144.	0.6	13
28	Comparison of Seeds of <i>Colchicum Speciosum</i> and <i>Gloriosa Superba</i> in Respect to Colchicine and Colchicoside Contents by RP-LC. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	4
29	Separation and elution order of the enantiomers of some β_2 -agonists using polysaccharide-based chiral columns and normal phase eluents by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2016, 1467, 297-305.	3.7	21
30	Quality by design case study 1: Design of 5-fluorouracil loaded lipid nanoparticles by the W/O/W double emulsion "Solvent evaporation method. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 84, 92-102.	4.0	70
31	A selective and sensitive stability-Indicating HPLC method for the validated assay of etoposide from commercial dosage form and polymeric tubular nanocarriers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 382-389.	2.8	8
32	Determination of antazoline and tetrahydrozoline in ophthalmic solutions by capillary electrophoresis and stability-indicating HPLC methods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 390-398.	2.8	12
33	Simultaneous determination of amlodipine besylate and rosuvastatin calcium in binary mixtures by voltammetric and chromatographic techniques. <i>Ionics</i> , 2016, 22, 277-288.	2.4	18
34	Optimization of Stability Indicating LC Method for the Sensitive In vitro Determination from Solid Lipid Nanoparticles and Ex vivo Analysis from Rat Skin of Etofenamate. <i>Current Pharmaceutical Analysis</i> , 2016, 13, 63-71.	0.6	3
35	Biosurfactant production by <i>Pseudomonas aeruginosa</i> in kefir and fish meal. <i>Brazilian Journal of Microbiology</i> , 2015, 46, 855-859.	2.0	24
36	Influence of Polymer Molecular Weight on in-vitro Characteristics and Cytotoxicity of Fulvestrant Loaded Nanoparticles. <i>Current Drug Therapy</i> , 2015, 9, 239-249.	0.3	6

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37	Comparative Study for the Determination of Gemifloxacin by HPLC and Microbiological Methods from Pharmaceutical Preparations and Biological Samples. <i>Current Pharmaceutical Analysis</i> , 2015, 11, 193-200.	0.6	0
38	Preparation and Characterization of Chitosan-Based Spray-Dried Microparticles for the Delivery of Clindamycin Phosphate to Periodontal Pockets. <i>Current Drug Delivery</i> , 2014, 11, 98-111.	1.6	33
39	DEVELOPMENT AND VALIDATION OF A STABILITY-INDICATING RP-LC METHOD FOR THE DETERMINATION OF ANTICANCER DRUG EPIRUBICIN IN PHARMACEUTICALS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 1583-1596.	1.0	9
40	Simultaneous determination and validation of some binary mixtures of antihypertensive drugs using ratio derivative spectrophotometric method. <i>Journal of Analytical Chemistry</i> , 2014, 69, 935-941.	0.9	8
41	Dynamic computer simulation of electrophoretic enantiomer migration order and separation in presence of a neutral cyclodextrin. <i>Electrophoresis</i> , 2014, 35, 2833-2841.	2.4	22
42	Validated Stability-Indicating HPLC and UPLC Assay Methods for the Determination of Entacapone in Pharmaceutical Dosage Forms. <i>Chromatographia</i> , 2014, 77, 1721-1726.	1.3	10
43	Optimization of a validated stability-indicating RP-LC method for the determination of fulvestrant from polymeric based nanoparticle systems, drugs and biological samples. <i>Biomedical Chromatography</i> , 2014, 28, 1409-1417.	1.7	11
44	The Role of and the Place of Method Validation in Drug Analysis Using Electroanalytical Techniques. <i>The Open Analytical Chemistry Journal</i> , 2014, 5, 1-21.	2.2	63
45	Determination and detailed mechanism study of antiviral drug fosamprenavir using carbon paste electrode in the presence of Triton X-100. <i>Electrochimica Acta</i> , 2013, 109, 381-388.	5.2	14
46	A Sensitive and Selective RP-LC Method for the Simultaneous Determination of the Antihypertensive Drugs, Enalapril, Lercanidipine, Nitrendipine and Their Validation. <i>Chromatographia</i> , 2013, 76, 1477-1485.	1.3	6
47	Simultaneous estimation and validation of some binary mixtures of antihypertensive drugs by RP-LC methods using two new generation silica columns. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 72, 198-201.	2.8	12
48	Antioxidant activity of indole-based melatonin analogues in erythrocytes and their voltammetric characterization. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 1143-1155.	5.2	23
49	UPLC versus HPLC on Drug Analysis: Advantageous, Applications and Their Validation Parameters. <i>Chromatographia</i> , 2013, 76, 1365-1427.	1.3	111
50	A Validated Stability-Indicating RP-LC Method for the Simultaneous Determination of Amlodipine and Perindopril in Tablet Dosage Form and Their Stress Degradation Behavior Under ICH-Recommended Stress Conditions. <i>Journal of AOAC INTERNATIONAL</i> , 2013, 96, 751-757.	1.5	18
51	Fully Validated Simultaneous Determination of Bisoprolol Fumarate and Hydrochlorothiazide in Their Dosage Forms Using Different Voltammetric, Chromatographic, and Spectrophotometric Analytical Methods. <i>Journal of AOAC INTERNATIONAL</i> , 2013, 96, 42-51.	1.5	29
52	Voltammetric and RP-LC assay for determination of benidipine HCl. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 66, 116-125.	2.8	22
53	Determination of pK _a Values of Cefdinir and Cefixime by LC and Spectrophotometric Methods and Their Analysis in Pharmaceutical Dosage Forms. <i>Chromatographia</i> , 2011, 73, 1171-1176.	1.3	23
54	Simultaneous Estimation of Ceftazidime and Cefprozime in Pharmaceutical Formulations by HPLC Method. <i>Chromatographia</i> , 2011, 74, 549-558.	1.3	20

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55	Electrochemical evaluation and determination of antiretroviral drug fosamprenavir using boron-doped diamond and glassy carbon electrodes. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 189-203.	3.7	32
56	Electroanalytical characteristics of antipsychotic drug ziprasidone and its determination in pharmaceuticals and serum samples on solid electrodes. <i>Talanta</i> , 2010, 82, 286-295.	5.5	64
57	Determination of pKa values of some antihypertensive drugs by liquid chromatography and simultaneous assay of lercanidipine and enalapril in their binary mixtures. <i>Talanta</i> , 2010, 82, 1528-1537.	5.5	29
58	Electrochemical Behavior of Indole-3-Carboxaldehyde Isonicotinoyl Hydrazones: Discussion on Possible Biological Behavior. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2010, 13, 619-627.	1.1	8
59	Doğal Fermente Gıdalardan İzole Edilen Muhtemel Laktik Asit Bakterilerinin Antimikrobiyal Aktiviteleri ve Laktik Asit Üretim Özelliklerinin İncelenmesi. , O , .		1