

Mehmet GÃœmÃ¼cÃ¼oÄlu

List of Publications by Year in descending order

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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	UPLC versus HPLC on Drug Analysis: Advantageous, Applications and Their Validation Parameters. Chromatographia, 2013, 76, 1365-1427.	1.3	111
2	Effect of Polymer-Based Nanoparticles on the Assay of Antimicrobial Drug Delivery Systems. , 2017, , 67-108.		83
3	Analytical and Preparative Scale Separation of Enantiomers of Chiral Drugs by Chromatography and Related Methods. Current Medicinal Chemistry, 2018, 25, 4152-4188.	2.4	73
4	Quality by design case study 1: Design of 5-fluorouracil loaded lipid nanoparticles by the W/O/W double emulsion " Solvent evaporation method. European Journal of Pharmaceutical Sciences, 2016, 84, 92-102.	4.0	70
5	Electroanalytical characteristics of antipsychotic drug ziprasidone and its determination in pharmaceuticals and serum samples on solid electrodes. Talanta, 2010, 82, 286-295.	5.5	64
6	The Role of and the Place of Method Validation in Drug Analysis Using Electroanalytical Techniques. The Open Analytical Chemistry Journal, 2014, 5, 1-21.	2.2	63
7	QbD guided early pharmaceutical development study: Production of lipid nanoparticles by high pressure homogenization for skin cancer treatment. International Journal of Pharmaceutics, 2019, 563, 110-121.	5.2	57
8	Quorum sensing signals and related virulence inhibition of Pseudomonas aeruginosa by a potential probiotic strain's organic acid. Microbial Pathogenesis, 2018, 121, 190-197.	2.9	54
9	Application of cellulose 3,5-dichlorophenylcarbamate covalently immobilized on superficially porous silica for the separation of enantiomers in high-performance liquid chromatography. Journal of Chromatography A, 2018, 1571, 132-139.	3.7	41
10	Separation of terbutaline enantiomers in capillary electrophoresis with cyclodextrin-type chiral selectors and investigation of structure of selector-selectand complexes. Journal of Chromatography A, 2018, 1571, 231-239.	3.7	36
11	Preparation and Characterization of Chitosan-Based Spray-Dried Microparticles for the Delivery of Clindamycin Phosphate to Periodontal Pockets. Current Drug Delivery, 2014, 11, 98-111.	1.6	33
12	Electrochemical evaluation and determination of antiretroviral drug fosamprenavir using boron-doped diamond and glassy carbon electrodes. Analytical and Bioanalytical Chemistry, 2010, 397, 189-203.	3.7	32
13	Determination of pKa values of some antihypertensive drugs by liquid chromatography and simultaneous assay of lercanidipine and enalapril in their binary mixtures. Talanta, 2010, 82, 1528-1537.	5.5	29
14	Fully Validated Simultaneous Determination of Bisoprolol Fumarate and Hydrochlorothiazide in Their Dosage Forms Using Different Voltammetric, Chromatographic, and Spectrophotometric Analytical Methods. Journal of AOAC INTERNATIONAL, 2013, 96, 42-51.	1.5	29
15	The History of the Core"Shell Particles and Applications in Active Pharmaceutical Ingredients Via Liquid Chromatography. Chromatographia, 2019, 82, 17-48.	1.3	26
16	Biosurfactant production by <i>Pseudomonas aeruginosa</i> in kefir and fish meal. Brazilian Journal of Microbiology, 2015, 46, 855-859.	2.0	24
17	Determination of pK a Values of Cefdinir and Cefixime by LC and Spectrophotometric Methods and Their Analysis in Pharmaceutical Dosage Forms. Chromatographia, 2011, 73, 1171-1176.	1.3	23
18	Antioxidant activity of indole-based melatonin analogues in erythrocytes and their voltammetric characterization. Journal of Enzyme Inhibition and Medicinal Chemistry, 2013, 28, 1143-1155.	5.2	23

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19	Voltammetric and RP-LC assay for determination of benidipine HCl. Journal of Pharmaceutical and Biomedical Analysis, 2012, 66, 116-125.	2.8	22
20	Dynamic computer simulation of electrophoretic enantiomer migration order and separation in presence of a neutral cyclodextrin. Electrophoresis, 2014, 35, 2833-2841.	2.4	22
21	Separation and elution order of the enantiomers of some \hat{I}^2 -agonists using polysaccharide-based chiral columns and normal phase eluents by high-performance liquid chromatography. Journal of Chromatography A, 2016, 1467, 297-305.	3.7	21
22	Simultaneous Estimation of Ceftazidime and Ceftizoxime in Pharmaceutical Formulations by HPLC Method. Chromatographia, 2011, 74, 549-558.	1.3	20
23	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. Journal of AOAC INTERNATIONAL, 2013, 96, 751-757.	1.5	18
24	Simultaneous determination of amlodipine besylate and rosuvastatin calcium in binary mixtures by voltammetric and chromatographic techniques. Ionics, 2016, 22, 277-288.	2.4	18
25	Development of a HILIC method for the determination of 5-fluorouracil from nano drug delivery systems and rat skin extracts. Journal of Pharmaceutical and Biomedical Analysis, 2018, 154, 285-293.	2.8	17
26	Fulvestrant-loaded polymer-based nanoparticles for local drug delivery: Preparation and in vitro characterization. Journal of Drug Delivery Science and Technology, 2017, 40, 73-82.	3.0	15
27	Determination and detailed mechanism study of antiviral drug fosamprenavir using carbon paste electrode in the presence of Triton X-100. Electrochimica Acta, 2013, 109, 381-388.	5.2	14
28	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. Electrophoresis, 2019, 40, 1904-1912.	2.4	14
29	Rhamnolipid Production by Pseudomonas putida IBS036 and Pseudomonas pachastrellae LOS20 with Using Pulps. Current Pharmaceutical Analysis, 2017, 13, 138-144.	0.6	13
30	Simultaneous estimation and validation of some binary mixtures of antihypertensive drugs by RP-LC methods using two new generation silica columns. Journal of Pharmaceutical and Biomedical Analysis, 2013, 72, 198-201.	2.8	12
31	Determination of antazoline and tetrahydrozoline in ophthalmic solutions by capillary electrophoresis and stability-indicating HPLC methods. Journal of Pharmaceutical and Biomedical Analysis, 2016, 124, 390-398.	2.8	12
32	Lipid-based nanoparticles for dermal drug delivery. , 2018, , 369-413.		12
33	Layer by layer assembly of core-corona structured solid lipid nanoparticles with \hat{I}^2 -cyclodextrin polymers. International Journal of Pharmaceutics, 2021, 592, 119994.	5.2	12
34	Optimization of a validated stability-indicating RP-LC method for the determination of fulvestrant from polymeric based nanoparticle systems, drugs and biological samples. Biomedical Chromatography, 2014, 28, 1409-1417.	1.7	11
35	Validated Stability-Indicating HPLC and UPLC Assay Methods for the Determination of Entacapone in Pharmaceutical Dosage Forms. Chromatographia, 2014, 77, 1721-1726.	1.3	10
36	A study to enhance the oral bioavailability of s-adenosyl-L-methionine (SAME): SLN and SLN nanocomposite particles. Chemistry and Physics of Lipids, 2021, 237, 105086.	3.2	10

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37	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
38	Nanosized Drug Carriers for Oral Delivery of Anticancer Compounds and the Importance of the Chromatographic Techniques. , 2017, , 165-195.		9
39	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
40	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
41	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
42	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
43	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
44	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
45	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
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	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
48	Development of stability indicating <sc>HPLC</sc> method for the separation and validation of enantiomers of miconazole. <i>Chirality</i> , 2018, 30, 807-815.	2.6	5
49	A novel approach for drug targeting. , 2018, , 69-107.		5
50	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
51	Disposable electrochemical flow cell with paper-based electrode assemble. <i>Journal of Electroanalytical Chemistry</i> , 2021, 891, 115268.	3.8	5
52	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
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	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. Current Pharmaceutical Analysis, 2016, 13, 63-71.	0.6	3
56	The Role and the Place of High-Performance Liquid Chromatography for the Determination of Fermented Dairy Products. , 2017, , 421-464.		1
57	In the context of superficially porous silica particles: simultaneous determination of dutasteride and tamsulosin from biological samples. Journal of the Iranian Chemical Society, 2020, 17, 1457-1465.	2.2	1
58	DoÄŸal Fermente GÄ±dalardan Ä°zole Edilen Muhtemel Laktik Asit Bakterilerinin Antimikrobiyal Aktiviteleri ve Laktik Asit Ä°çeriminin Ä°ncelenmesi. , 0, , .		1
59	Comparative Study for the Determination of Gemifloxacin by HPLC and Microbiological Methods from Pharmaceutical Preparations and Biological Samples. Current Pharmaceutical Analysis, 2015, 11, 193-200.	0.6	0