

Mehmet Gokhan Caglayan

List of Publications by Year in descending order

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papers

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all docs

27
docs citations

27
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescent zinc and copper complexes for detection of adrafinil in paper-based microfluidic devices. Chemical Communications, 2016, 52, 8279-8282.	4.1	38
2	Replacement of antibodies with bacteriophages in lateral flow assay of Salmonella Enteritidis. Biosensors and Bioelectronics, 2021, 189, 113383.	10.1	33
3	Paper based lateral flow immunoassay for the enumeration of <i>Escherichia coli</i> in urine. Analytical Methods, 2018, 10, 1213-1218.	2.7	26
4	Fluorescence-Based Assay for Carbonic Anhydrase Inhibitors. Chem, 2017, 2, 271-282.	11.7	24
5	Electrochemical, spectroscopic and molecular docking studies on the interaction of calcium channel blockers with dsDNA. Bioelectrochemistry, 2019, 127, 12-20.	4.6	21
6	Silver Nanoparticle Based Analysis of Aminoglycosides. Spectroscopy Letters, 2014, 47, 771-780.	1.0	18
7	Surface-enhanced Raman probe for rapid nanoextraction and detection of erythropoietin in urine. Analytical and Bioanalytical Chemistry, 2016, 408, 8447-8456.	3.7	17
8	Detection and quantification of ATP in human blood serum. Organic and Biomolecular Chemistry, 2016, 14, 7459-7462.	2.8	16
9	Colchicine levels in chronic kidney diseases and kidney transplant recipients using tacrolimus. Clinical Transplantation, 2014, 28, 1177-1183.	1.6	15
10	A metal-enhanced fluorescence study of primary amines: determination of aminoglycosides with europium and gold nanoparticles. Analytical Methods, 2015, 7, 1407-1414.	2.7	15
11	Electrochemical, spectroscopic, and molecular docking studies of the interaction between the anti-retroviral drug indinavir and dsDNA. Journal of Pharmaceutical Analysis, 2020, 10, 473-481.	5.3	14
12	Multivariate Optimization and Validation of a CE method for Simultaneous Analysis of Dorzolamide Hydrochloride and Timolol Maleate in Ophthalmic Solution. Chromatographia, 2011, 73, 541-548.	1.3	13
13	A tri-serine tri-lactone scaffold for the quantification of citrate in urine. Chemical Communications, 2016, 52, 1827-1830.	4.1	13
14	Fabrication of SERS active gold nanorods using benzalkonium chloride, and their application to an immunoassay for potato virus X. Mikrochimica Acta, 2017, 184, 1059-1067.	5.0	13
15	Fluorescence chemosensing of meldonium using a cross-reactive sensor array. Analyst, The, 2020, 145, 3345-3352.	3.5	12
16	Simultaneous determination and validation of emtricitabine, rilpivirine and tenofovir from biological samples using LC and CE methods. Biomedical Chromatography, 2018, 32, e4158.	1.7	9
17	SERS-based assays for sensitive detection of modafinil. Journal of Raman Spectroscopy, 2015, 46, 802-806.	2.5	6
18	Liquid Chromatographic and Spectrophotometric Determination of Diflucortolone Valerate and Isoconazole Nitrate in Creams. Journal of AOAC INTERNATIONAL, 2011, 94, 128-135.	1.5	5

#	ARTICLE	IF	CITATIONS
19	STABILITY-INDICATING MICELLAR ELEKTROKINETIC CHROMATOGRAPHY METHOD FOR DETERMINATION OF FINASTERIDE IN PHARMACEUTICAL PREPARATIONS. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 781-791.	1.0	5
20	Multivariate Optimization Model in a Partial Least Squares-1 Method for Simultaneous Determination of Dorzolamide Hydrochloride and Timolol Maleate in Eye Drops. Current Pharmaceutical Analysis, 2013, 9, 404-412.	0.6	4
21	Using derivative and ratio spectra derivative: spectrophotometries as new data preprocessing method in partial least squares technique for resolving overlapped spectra of montelukast sodium, desloratadine, and levocetirizine dihydrochloride. Reviews in Analytical Chemistry, 2012, 31, .	3.2	2
22	Multivariate Optimization of Separation Conditions for Simultaneous Determination of Acemetacin and Chlorzoxazone in a Pharmaceutical Preparation by HPLC Using Response Surface Methodology. Journal of AOAC INTERNATIONAL, 2013, 96, 723-729.	1.5	2
23	Recent biopharmaceutical applications of capillary electrophoresis methods on recombinant DNA technology-based products. Electrophoresis, 2022, 43, 1035-1049.	2.4	2
24	Development and validation of spectrophotometric and high-performance column liquid chromatographic methods for the simultaneous determination of dienogest and estradiol valerate in pharmaceutical preparations. Journal of AOAC INTERNATIONAL, 2010, 93, 862-8.	1.5	2
25	Fluorescence detection of ethylmorphine through terbium complex. Spectroscopy Letters, 2020, 53, 523-528.	1.0	1
26	Optical sensing of mercury using fluorescent silver and gold nanoclusters. Hittite Journal of Science & Engineering, 2017, 4, 117-123.	0.5	1
27	Investigation of Pazopanib and Human Serum Albumin Interaction Using Spectroscopic and Molecular Docking Approaches. Analytica Journal of Analytical Chemistry and Chemical Analysis, 2022, 3, 144-160.	1.7	0