Bassam M Ayoub

List of Publications by Year
in descending order

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39 papers	621 citations	623734 14 h-index	610901 24 g-index
41 all docs	41 docs citations	41 times ranked	571 citing authors

#	Article	IF	Citations
1	UPLC simultaneous determination of empagliflozin, linagliptin and metformin. RSC Advances, 2015, 5, 95703-95709.	3.6	74
2	DOE Optimization of Nano-based Carrier of Pregabalin as Hydrogel: New Therapeutic & Chemometric Approaches for Controlled Drug Delivery Systems. Scientific Reports, 2017, 7, 41503.	3.3	70
3	Liquid chromatographic determination of sitagliptin either alone or in ternary mixture with metformin and sitagliptin degradation product. Talanta, 2011, 85, 673-680.	5.5	56
4	Development and validation of simple spectrophotometric and chemometric methods for simultaneous determination of empagliflozin and metformin: Applied to recently approved pharmaceutical formulation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 168, 118-122.	3.9	44
5	Repositioning of Omarigliptin as a once-weekly intranasal Anti-parkinsonian Agent. Scientific Reports, 2018, 8, 8959.	3.3	39
6	LCâ€“MS/MS Determination of Empagliflozin and Metformin. Journal of Chromatographic Science, 2017, 55, 742-747.	1.4	35
7	Repositioning of dipeptidyl peptidase-4 inhibitors and glucagon like peptide-1 agonists as potential neuroprotective agents. Neural Regeneration Research, 2019, 14, 745.	3.0	33
8	Enhanced LC-MS/MS determination of alogliptin and metformin in plasma: Application to a pharmacokinetic study. Microchemical Journal, 2017, 130, 360-365.	4.5	31
9	Pharmacokinetic Evaluation of Empagliflozin in Healthy Egyptian Volunteers Using LC-MS/MS and Comparison with Other Ethnic Populations. Scientific Reports, 2017, 7, 2583.	3.3	25
10	NANO-VESICLES OF SALBUTAMOL SULPHATE IN METERED DOSE INHALERS: FORMULATION, CHARACTERIZATION AND IN VITRO EVALUATION. International Journal of Applied Pharmaceutics, 2017, 9, 100.	0.3	19
11	COVID-19 vaccination clinical trials should consider multiple doses of BCG. Die Pharmazie, 2020, 75, 159.	0.5	16
12	Bioavailability Study of Niosomal Salbutamol Sulfate in Metered Dose Inhaler: Controlled Pulmonary Drug Delivery. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2018, 31, 114-115.	1.4	15
13	Analysis and bio-analysis of omarigliptin, trelagliptin and alogliptin: Applied to biological samples and degradation kinetic study. Microchemical Journal, 2019, 148, 253-261.	4.5	15
14	Mean Centering Method for determination of Empagliflozin and Metformin. Marmara Pharmaceutical Journal, 2017, 21, 669-669.	0.5	14
15	Spectrofluorometric determination of linagliptin in bulk and in pharmaceutical dosage form. European Journal of Chemistry, 2014, 5, 380-382.	0.6	13
16	Structural re-positioning, in silico molecular modelling, oxidative degradation, and biological screening of linagliptin as adenosine 3 receptor (ADORA3) modulators targeting hepatocellular carcinoma. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 858-866.	5.2	12
17	Comparative study between UHPLC-UV and UPLC-MS/MS methods for determination of alogliptin and metformin in their pharmaceutical combination. Die Pharmazie, 2017, 72, 67-72.	0.5	12
18	Development and validation of a reversed phase liquid chromatographic method for the determination of three Gliptins and Metformin in the presence of Metformin impurity (1-cyanoguanidine). European Journal of Chemistry, 2013, 4, 444-449.	0.6	11

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19	Repurposing of Omarigliptin as a Neuroprotective Agent Based on Docking with A2A Adenosine and AChE Receptors, Brain GLP-1 Response and Its Brain/Plasma Concentration Ratio after 28 Days Multiple Doses in Rats Using LC-MS/MS. Molecules, 2021, 26, 889.	3.8	10
20	A guide for using experimental design in chromatographic method development: applied to the analysis of selected anti-diabetic pharmaceutical combinations. Die Pharmazie, 2016, 71, 683-690.	0.5	9
21	Factorial design optimization of micelle enhanced synchronous spectrofluorimetric assay of Omarigliptin: Applied to content uniformity testing and in vitro drug release. Luminescence, 2018, 33, 797-805.	2.9	8
22	Spectroflourometric and spectrophotometric methods for the determination of sitagliptin in binary mixture with metformin and ternary mixture with metformin and sitagliptin alkaline degradation product. International Journal of Biomedical Science, 2011, 7, 62-9.	0.1	8
23	Simultaneous determination of sitagliptin and metformin in ternary mixture with sitagliptin acid degradation product. European Journal of Chemistry, 2013, 4, 360-365.	0.6	6
24	Suitability of various chromatographic and spectroscopic techniques for analysis and kinetic degradation study of trelagliptin. Scientific Reports, 2017, 7, 17255.	3.3	6
25	DEVELOPMENT AND VALIDATION OF A STABILITY-INDICATING RP-LC METHOD FOR THE DETERMINATION OF SITAGLIPTIN AND SIMVASTATIN IN THE PRESENCE OF THEIR DEGRADATION PRODUCTS IN BULK DRUG MIXTURE AND COMBINED PHARMACEUTICAL PREPARATIONS. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 1895-1908.	1.0	5
26	Development of Advanced Chemometric-Assisted Spectrophotometric Methods for the Determination of Cromolyn Sodium and Its Alkaline Degradation Products. Molecules, 2020, 25, 5953.	3.8	5
27	Comparative study between different simple methods manipulating ratio spectra for the analysis of alogliptin and metformin co-formulated with highly different concentrations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 186, 23-28.	3.9	4
28	Omarigliptin attenuates rotenone-induced Parkinson's disease in rats: Possible role of oxidative stress, endoplasmic reticulum stress and immune modulation. Food and Chemical Toxicology, 2022, 164, 113015.	3.6	4
29	Economic Spectrofluorometric Bioanalysis of Empagliflozin in Ratsâ€™ Plasma. Journal of Analytical Methods in Chemistry, 2021, 2021, 1-7.	1.6	3
30	Pleiotropic Repositioning of Metformin as a Potential Pluripotent Drug. Research Journal of Pharmacy and Technology, 2019, 12, 5716.	0.8	3
31	Green Pharmaceutical Analysis of Drugs Coformulated with Highly Different Concentrations Using Spiking and Manipulation of Their Ratio Spectra. Journal of AOAC INTERNATIONAL, 2017, 100, 985-991.	1.5	2
32	Different Spectrophotometric Methods for Simultaneous Determination of Trelagliptin and Its Acid Degradation Product. Journal of Analytical Methods in Chemistry, 2018, 2018, 1-7.	1.6	2
33	Enhanced Extraction Technique of Omarigliptin from Human Plasmaâ€”Applied to Biological Samples from Healthy Human Volunteers. Molecules, 2020, 25, 4232.	3.8	2
34	Multifaceted repurposing of Flozins, Glitazones, Gliptins and GLP-1 agonists as potential Plurithérapeutic agents. Research Journal of Pharmacy and Technology, 2020, 13, 498.	0.8	2
35	Quantitative Analysis of Drugs with Highly Different Concentrations of Pharmaceutical Components Using Spectral Subtraction Techniques. Journal of Applied Spectroscopy, 2017, 84, 884-887.	0.7	1
36	Enhanced Chromatographic Determination of Nicotine in Human Plasma: Applied to Human Volunteers. International Journal of Biomedical Science, 2015, 11, 185-9.	0.1	1

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37	Investigation of Pharmacokinetic Parameters of Trelagliptin in Egyptian Volunteers Using Sensitive LC-MS/MS: A Comparative Study with a Japanese Population. Journal of Analytical Methods in Chemistry, 2021, 2021, 1-9.	1.6	1
38	Avoiding COVID-19 complications with diabetic patients could be achieved by multi-dose Bacillus Calmette-GuÃ©rin vaccine: a case study of beta cells regeneration. Die Pharmazie, 2020, 75, 375-380.	0.5	1
39	Rosuvastatin dose should be case individualized: An observation from inherited hypercholesterolemia case study. Die Pharmazie, 2020, 75, 531-532.	0.5	0