Amira F El-Yazbi

List of Publications by Year in Descending Order

37 papers	302 citations	12 h-index	14 g-index
43 ext. papers	407 ext. citations	4.1 avg, IF	4.25 L-index

#	Paper	IF	Citations
37	Inexpensive bioluminescent genosensor for sensitive determination of DNA damage induced by some commonly used sunscreens.. *Analytical Biochemistry*, **2022**, 114700	3.1	0
36	Simple simultaneous determination of moxifloxacin and metronidazole in complex biological matrices. *RSC Advances*, **2022**, 12, 15694-15704	3.7	0
35	Investigation of nucleic acid damage induced by a novel ruthenium anti-cancer drug using multiple analytical techniques: Sequence specificity and damage kinetics.. *International Journal of Biological Macromolecules*, **2021**, 198, 68-76	7.9	1
34	Simultaneous determination of Mometasone Furoate and salicylic acid in complex matrix using green analytical method. *Microchemical Journal*, **2021**, 163, 105900	4.8	6
33	Green analytical method for the determination of sofosbuvir, ledipasvir, ribavirin and complex silymarin flavonoids simultaneously in biological fluids. *Microchemical Journal*, **2021**, 164, 105964	4.8	4
32	Green methods for the simultaneous analysis of pharmaceutical mixtures present in disparate concentration ranges: Application to antidiabetic mixtures. *Microchemical Journal*, **2021**, 164, 106073	4.8	2
31	Eco-friendly analytical methods for the determination of compounds with disparate spectral overlapping: application to antiviral formulation of sofosbuvir and velpatasvir. *Journal of Analytical Science and Technology*, **2021**, 12,	3.4	3
30	Novel inexpensive "turn-on" fluorescent biosensor for the sensitive detection of DNA damage induced by epirubicin. *Microchemical Journal*, **2021**, 168, 106535	4.8	1
29	Cost-effective green chromatographic method for the simultaneous determination of four commonly used direct-acting antiviral drugs in plasma and various pharmaceutical formulations. *Microchemical Journal*, **2021**, 168, 106512	4.8	3
28	Sensitive spectrofluorimetric and mass spectroscopic methods for the determination of nucleic acid damage induced by photosensitized anti-inflammatory drugs: Comparative study. *Journal of Pharmaceutical and Biomedical Analysis*, **2020**, 187, 113326	3.5	8
27	Fast economic electrochemical assay for vitamins and heavy mineral components in honey samples of different botanical origin. *Microchemical Journal*, **2020**, 155, 104770	4.8	4
26	Eco-friendly HPTLC method for simultaneous analysis of sofosbuvir and ledipasvir in biological and pharmaceutical samples: Stability indicating study. *Microchemical Journal*, **2020**, 154, 104584	4.8	11
25	Green stability-indicating capillary electrophoretic method for simultaneous determination of Lesinurad and Allopurinol in tablet dosage form: Degradation kinetics investigation. *Microchemical Journal*, **2020**, 158, 105199	4.8	6
24	New chalcone-tethered 1,3,5-triazines potentiate the anticancer effect of cisplatin against human lung adenocarcinoma A549 cells by enhancing DNA damage and cell apoptosis. *Bioorganic Chemistry*, **2020**, 105, 104393	5.1	6
23	Green analytical methods for simultaneous determination of compounds having relatively disparate absorbance; application to antibiotic formulation of azithromycin and levofloxacin. *Heliyon*, **2020**, 6, e04819	3.6	5
22	Validated specific HPLC-DAD method for simultaneous estimation of paracetamol and chlorzoxazone in the presence of five of their degradation products and toxic impurities. *Drug Development and Industrial Pharmacy*, **2020**, 46, 1853-1861	3.6	2
21	Discovery of a novel DNA binding agent via design and synthesis of new thiazole hybrids and fused 1,2,4-triazines as potential antitumor agents: Computational, spectrometric and in silico studies. *Bioorganic Chemistry*, **2019**, 90, 103089	5.1	17

20	Hantzsch pre-column derivatization for simultaneous determination of alendronate sodium and its pharmacopoeial related impurity: Comparative study with synchronous fluorometry using fluorescamine. *Journal of Food and Drug Analysis*, **2019**, 27, 208-220	7	8
19	Simple mix-and-read assays for the determination of baclofen in pharmaceutical formulation. *Heliyon*, **2019**, 5, e01854	3.6	1
18	Probing DNA damage induced by common antiviral agents using multiple analytical techniques. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 157, 226-234	3.5	10
17	Sensitive inexpensive spectrophotometric and spectrofluorimetric analysis of ezogabine, levetiracetam and topiramate in tablet formulations using Hantzsch condensation reaction. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2017**, 184, 47-60	4.4	12
16	Novel Chromatographic Methods for Simultaneous Quantification of Fish and Wheat Germ Oils Mixture in Pharmaceutical Dosage Forms. *Journal of Chromatographic Science*, **2017**, 55, 497-507	1.4	2
15	A luminescent probe of mismatched DNA hybridization: Location and number of mismatches. *Analytica Chimica Acta*, **2017**, 994, 92-99	6.6	15
14	Chromatographic determination of zonisamide, topiramate and sulpiride in plasma by a fluorescent 'turn-on' chemosensor. *Bioanalysis*, **2017**, 9, 1049-1064	2.1	5
13	Comparative Validation of the Determination of Sofosbuvir in Pharmaceuticals by Several Inexpensive Ecofriendly Chromatographic, Electrophoretic, and Spectrophotometric Methods. *Journal of AOAC INTERNATIONAL*, **2017**, 100, 1000-1007	1.7	13
12	An eco-friendly stability-indicating spectrofluorimetric method for the determination of two anticancer stereoisomer drugs in their pharmaceutical preparations following micellar enhancement: Application to kinetic degradation studies. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2016**, 153, 145-53	4.4	13
11	Spectrofluorimetric Determination of Topiramate and Levetiracetam as Single Components in Tablet Formulations and in Human Plasma and Simultaneous Fourth Derivative Synchronous Fluorescence Determination of their Co-Adminstered Mixture in Human Plasma. *Journal of Fluorescence*, **2016**, 26, 1225-38	2.4	15
10	Sensitive inexpensive HPLC determination of four antiepileptic drugs in human plasma: application to PK studies. *Bioanalysis*, **2016**, 8, 2219-2234	2.1	14
9	An eco-friendly HPTLC method for assay of eszopiclone in pharmaceutical preparation: investigation of its water-induced degradation kinetics. *Analytical Methods*, **2015**, 7, 7590-7595	3.2	6
8	Detecting UV-induced nucleic-acid damage. *TrAC - Trends in Analytical Chemistry*, **2014**, 61, 83-91	14.6	21
7	Chimeric RNA-DNA molecular beacons for quantification of nucleic acids, single nucleotide polymophisms, and nucleic acid damage. *Analytical Chemistry*, **2013**, 85, 4321-7	7.8	15
6	Terbium fluorescence as a sensitive, inexpensive probe for UV-induced damage in nucleic acids. *Analytica Chimica Acta*, **2013**, 786, 116-23	6.6	11
5	A selective, inexpensive probe for UV-induced damage in nucleic acids. *Canadian Journal of Chemistry*, **2013**, 91, 320-325	0.9	5
4	2-Aminopurine hairpin probes for the detection of ultraviolet-induced DNA damage. *Analytica Chimica Acta*, **2012**, 726, 44-9	6.6	19
3	Locked nucleic acid hairpin detection of UV-induced DNA damage. *Canadian Journal of Chemistry*, **2011**, 89, 402-408	0.9	13

2	Initial excited-state structural dynamics of 2'-deoxyguanosine determined via UV resonance Raman spectroscopy. *Journal of Physical Chemistry A*, **2011**, 115, 10445-51	2.8	21
1	Greenness assessment of a stability indicating simple inexpensive high-performance thin-layer chromatography dual wavelength method for simultaneous determination of mometasone furoate and salicylic acid in complex matrix using analytical eco-scale. *Journal of Planar Chromatography - Modern TLC*,1	0.9	2