

Deia Abd El-hady

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60
papers

2,110
citations

22
h-index

45
g-index

66
ext. papers

2,455
ext. citations

5.3
avg, IF

5.15
L-index

#	Paper	IF	Citations
60	Commercialization of Lithium Battery Technologies for Electric Vehicles. <i>Advanced Energy Materials</i> , 2019 , 9, 1900161	21.8	407
59	A nanostructured cathode architecture for low charge overpotential in lithium-oxygen batteries. <i>Nature Communications</i> , 2013 , 4, 2383	17.4	355
58	Free-standing hierarchically sandwich-type tungsten disulfide nanotubes/graphene anode for lithium-ion batteries. <i>Nano Letters</i> , 2014 , 14, 5899-904	11.5	243
57	1T MoS ₂ nanosheets with extraordinary sodium storage properties via thermal-driven ion intercalation assisted exfoliation of bulky MoS ₂ . <i>Nano Energy</i> , 2019 , 61, 361-369	17.1	107
56	Recent advances in capillary electrophoretic migration techniques for pharmaceutical analysis (2013-2015). <i>Electrophoresis</i> , 2016 , 37, 1591-608	3.6	80
55	Recent advances in capillary electrophoretic migration techniques for pharmaceutical analysis. <i>Electrophoresis</i> , 2014 , 35, 170-89	3.6	62
54	Precision in affinity capillary electrophoresis for drug-protein binding studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 52, 232-41	3.5	48
53	Determination of catechin isomers in human plasma subsequent to green tea ingestion using chiral capillary electrophoresis with a high-sensitivity cell. <i>Talanta</i> , 2008 , 76, 138-45	6.2	48
52	Capillary electrophoresis to investigate biopharmaceuticals and pharmaceutically-relevant binding properties. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 48, 112-131	14.6	46
51	Recent advances in affinity capillary electrophoresis for binding studies. <i>Bioanalysis</i> , 2014 , 6, 3369-92	2.1	42
50	Regulating the Hidden Solvation-Ion-Exchange in Concentrated Electrolytes for Stable and Safe Lithium Metal Batteries. <i>Advanced Energy Materials</i> , 2020 , 10, 2000901	21.8	39
49	A comprehensive platform to investigate protein-metal ion interactions by affinity capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 107, 311-7	3.5	33
48	Data quality in drug discovery: the role of analytical performance in ligand binding assays. <i>Journal of Computer-Aided Molecular Design</i> , 2015 , 29, 847-65	4.2	32
47	Simultaneous determination of acrylamide, asparagine and glucose in food using short chain methyl imidazolium ionic liquid based ultrasonic assisted extraction coupled with analyte focusing by ionic liquid micelle collapse capillary electrophoresis. <i>Food Chemistry</i> , 2015 , 188, 551-8	8.5	31
46	Eco-friendly ionic liquid based ultrasonic assisted selective extraction coupled with a simple liquid chromatography for the reliable determination of acrylamide in food samples. <i>Talanta</i> , 2014 , 118, 129-36	6.2	29
45	Methotrexate determination in pharmaceuticals by enantioselective HPLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005 , 37, 919-25	3.5	27
44	Alkyl imidazolium ionic liquid based sweeping-micellar electrokinetic chromatography for simultaneous determination of seven tea catechins in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 969, 224-9	3.2	26

43	Square-wave adsorptive stripping voltammetry at glassy carbon electrode for selective determination of manganese. Application to some industrial samples. <i>Analytica Chimica Acta</i> , 1998 , 370, 239-249	6.6	26
42	A combination of β -cyclodextrin functionalized magnetic graphene oxide nanoparticles with β -cyclodextrin-based sensor for highly sensitive and selective voltammetric determination of tetracycline and doxycycline in milk samples. <i>RSC Advances</i> , 2016 , 6, 41675-41686	3.7	26
41	Use of short chain alkyl imidazolium ionic liquids for on-line stacking and sweeping of methotrexate, flinic acid and folic acid: their application to biological fluids. <i>Electrophoresis</i> , 2014 , 35, 1956-64	3.6	25
40	Determination of the chiral and achiral related substances of methotrexate by cyclodextrin-modified micellar electrokinetic chromatography. <i>Electrophoresis</i> , 2004 , 25, 2830-7	3.6	25
39	Selective and sensitive hydroxypropyl-beta-cyclodextrin based sensor for simple monitoring of (+)-catechin in some commercial drinks and biological fluids. <i>Analytica Chimica Acta</i> , 2007 , 593, 178-87	6.6	24
38	Ultrasound-assisted temperature-controlled ionic liquid dispersive liquid-phase microextraction combined with reversed-phase liquid chromatography for determination of organophosphorus pesticides in water samples. <i>Electrophoresis</i> , 2016 , 37, 2462-2469	3.6	22
37	Hyphenation of enzyme/graphene oxide-ionic liquid/glassy carbon biosensors with anodic differential pulse stripping voltammetry for reliable determination of choline and acetylcholine in human serum. <i>Talanta</i> , 2019 , 200, 107-114	6.2	19
36	Selective square wave voltammetric determination of (+)-catechin in commercial tea samples using beta-cyclodextrin modified carbon paste electrode. <i>Mikrochimica Acta</i> , 2008 , 161, 225-231	5.8	19
35	Synthesis-microstructure-performance relationship of layered transition metal oxides as cathode for rechargeable sodium batteries prepared by high-temperature calcination. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 17176-83	9.5	18
34	Optimization of affinity capillary electrophoresis for routine investigations of protein-metal ion interactions. <i>Journal of Separation Science</i> , 2015 , 38, 3629-37	3.4	17
33	Hyphenation of ionic liquid albumin glassy carbon biosensor or protein label-free sensor with differential pulse stripping voltammetry for interaction studies of human serum albumin with fenoprofen enantiomers. <i>Analytica Chimica Acta</i> , 2013 , 772, 68-74	6.6	16
32	Square-Wave Stripping Voltammetry of Uranium(VI) at the Glassy Carbon Electrode. Application to Some Industrial Samples. <i>Electroanalysis</i> , 1999 , 11, 201-206	3	16
31	Hyphenated affinity capillary electrophoresis with a high-sensitivity cell for the simultaneous binding study of retinol and retinoic acid in nanomolars with serum albumins. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 911, 180-5	3.2	15
30	Selective determination of catechin, epicatechin and ascorbic acid in human urine using chiral capillary electrophoresis. <i>Journal of Separation Science</i> , 2008 , 31, 2252-9	3.4	15
29	Novel voltammetric method for enantioseparation of racemic methotrexate. <i>Sensors and Actuators B: Chemical</i> , 2006 , 113, 978-988	8.5	14
28	Osteryoung square wave stripping voltammetry at mercury film electrode for monitoring ultra trace levels of Tarabine PFS and its interaction with ssDNA. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 34, 879-90	3.5	14
27	Protein/ionic liquid/glassy carbon sensors following analyte focusing by ionic liquid micelle collapse for simultaneous determination of water soluble vitamins in plasma matrices. <i>Talanta</i> , 2015 , 139, 150-8	6.2	13
26	Ionic liquids in enhancing the sensitivity of capillary electrophoresis: Off-line and on-line sample preconcentration techniques. <i>Electrophoresis</i> , 2016 , 37, 1609-23	3.6	13

25	Layer-by-Layer Motif Heteroarchitecturing of N,S-Codoped Reduced Graphene Oxide-Wrapped Ni/NiS Nanoparticles for the Electrochemical Oxidation of Water. <i>ChemSusChem</i> , 2020 , 13, 3269-3276	8.3	10
24	Eco-friendly ionic liquid assisted capillary electrophoresis and Acid glycoprotein-assisted liquid chromatography for simultaneous determination of anticancer drugs in human fluids. <i>Biomedical Chromatography</i> , 2015 , 29, 925-34	1.7	10
23	Use of adsorptive stripping voltammetry at the glassy carbon electrode for the simultaneous determination of magnesium(II) and aluminium(III). <i>Analytica Chimica Acta</i> , 2000 , 417, 67-75	6.6	10
22	Molecular-level insights into the reactivity of siloxane-based electrolytes at a lithium-metal anode. <i>ChemPhysChem</i> , 2014 , 15, 2077-83	3.2	9
21	Dark and photofermentation H ₂ production from hydrolyzed biomass of the potent extracellular polysaccharides producing cyanobacterium <i>Nostoc commune</i> and intracellular polysaccharide (glycogen) enriched <i>Anabaena variabilis</i> NIES-2095. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 16199-16211	6.7	8
20	Temperature controlled ionic liquid aqueous two phase system combined with affinity capillary electrophoresis for rapid and precise pharmaceutical-protein binding measurements. <i>Methods</i> , 2018 , 146, 120-125	4.6	7
19	Stabilizing proteins for affinity capillary electrophoresis using ionic liquid aqueous two phase systems: Pharmaceuticals and human serum albumin. <i>Electrophoresis</i> , 2015 , 36, 3080-7	3.6	6
18	Determination of sulphide in the presence of sulphate in water by capillary electrophoresis with a high-sensitivity cell. <i>Journal of Analytical Chemistry</i> , 2009 , 64, 1166-1173	1.1	6
17	Voltammetric studies of Cu-adriblastina complex and its effect on ssDNA-adriblastina interaction at in situ mercury film electrode. <i>Archives of Pharmacal Research</i> , 2004 , 27, 1161-7	6.1	6
16	Eco-Friendly Simultaneous Chromatographic Determination of Amiloride Hydrochloride, Atenolol, and Hydrochlorothiazide in Urine. <i>Acta Chromatographica</i> , 2015 , 27, 461-476	1.5	6
15	Adriblastina-single stranded DNA interaction with statistical analysis. <i>Talanta</i> , 2005 , 66, 1207-18	6.2	5
14	Investigating effects of sample pretreatment on protein stability using size-exclusion chromatography and high-resolution continuum source atomic absorption spectrometry. <i>Journal of Separation Science</i> , 2014 , 37, 2583-90	3.4	4
13	CYCLODEXTRIN MODIFIED MICELLAR LIQUID CHROMATOGRAPHY FOR DETERMINATION OF HYDROCHLOROTHIAZIDE AND CEFDITOREN PIVOXEL IN BIOLOGICAL FLUIDS AND TABLETS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014 , 37, 2681-2697	1.3	4
12	Precise, fast, and flexible determination of protein interactions by affinity capillary electrophoresis: part 3: anions. <i>Electrophoresis</i> , 2014 , 35, 2203-12	3.6	4
11	Use of Cyclodextrin inclusion concurrent with cationic surfactant shielding for the enhancement of ascorbic acid stability followed by ultra-high performance liquid chromatography and online preconcentration capillary electrophoresis. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018 , 41, 732-739	1.3	4
10	Cyclodextrin Micellar LC for Direct Selective Analysis of Combined Dosage Drugs in Urine. <i>Journal of Chromatographic Science</i> , 2015 , 53, 1123-30	1.4	3
9	Simultaneous micellar electrokinetic chromatography and liquid chromatography of adriblastina and tarabine PFS Their application to some biological fluids. <i>Talanta</i> , 2005 , 66, 253-60	6.2	3
8	Use of Tetrabutylammonium Bromide and L-Arginine-Based Deep Eutectic Mixture in Combination with Beta-Cyclodextrin for Chiral Discrimination of Amino Acids in Capillary Electrophoresis. <i>Chromatographia</i> , 2021 , 84, 1151	2.1	3

7	Cyclodextrin-Modified Micellar UPLC for Direct, Sensitive and Selective Determination of Water Soluble Vitamins in Milk. <i>Journal of Chromatographic Science</i> , 2020 , 58, 203-210	1.4	2
6	Simultaneous separation and determination of Tarabine PFS and Adriblastine using micellar electrokinetic chromatography and high performance liquid chromatography. Application to some biological fluids. <i>Journal of Separation Science</i> , 2005 , 28, 534-42	3.4	1
5	Square-Wave Stripping Voltammetry of Uranium(VI) at the Glassy Carbon Electrode. Application to Some Industrial Samples 1999 , 11, 201		1
4	Rapid release of heavy metals and anions from polyethylene laminated paper cups into hot water. <i>Environmental Chemistry Letters</i> , 1	13.3	0
3	A simple HPLC method containing greener modifier and slighter temperature elevated for simultaneous determination of three statin drugs in tablets. <i>Acta Chromatographica</i> , 2021 , 34, 210-215	1.5	0
2	Adsorptive and affinity linear sweep voltammetry for the determination of singulair in tablets and its interaction with human serum albumin. <i>Journal of Analytical Chemistry</i> , 2014 , 69, 666-673	1.1	
1	A Simple and Reliable RPLC Method for Simultaneous Determination of Five EBlocker Drugs in Pharmaceuticals and Human Plasma. <i>Asian Journal of Chemistry</i> , 2022 , 34, 1119-1124	0.4	