

Rasha Mohamed El Nashar

List of Publications by Year in Descending Order

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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

687
citations

15
h-index

22
g-index

63
ext. papers

895
ext. citations

4.6
avg, IF

4.51
L-index

#	Paper	IF	Citations
60	Voltammetric determination of in minced beef meat using a chip-based imprinted sensor.. <i>RSC Advances</i> , 2022 , 12, 3445-3453	3.7	0
59	Application of molecularly imprinted polymers for electrochemical detection of some important biomedical markers and pathogens. <i>Current Opinion in Electrochemistry</i> , 2022 , 31, 100848	7.2	8
58	Electrochemical detection of Bisphenol A in plastic bottled drinking waters and soft drinks based on molecularly imprinted polymer. <i>Journal of Environmental Chemical Engineering</i> , 2022 , 10, 107699	6.8	0
57	Application of Molecularly Imprinted Poly-Itaconic/Multiwalled Carbon Nanotubes for Selective and Sensitive Electrochemical Detection of Linagliptin. <i>Journal of the Electrochemical Society</i> , 2022 , 169, 056504	3.0	0
56	Multivariate experimental design: towards more reliable electrochemical detection. <i>Current Opinion in Electrochemistry</i> , 2021 , 31, 100880	7.2	0
55	Application of a Conducting Poly-Methionine/Gold Nanoparticles-Modified Sensor for the Electrochemical Detection of Paroxetine. <i>Polymers</i> , 2021 , 13,	4.5	1
54	SARS-CoV-2-Impedimetric Biosensor: Virus-Imprinted Chips for Early and Rapid Diagnosis. <i>ACS Sensors</i> , 2021 , 6, 4098-4107	9.2	19
53	Application of Molecularly Imprinted Polymers in the Analysis of Waters and Wastewaters. <i>Molecules</i> , 2021 , 26,	4.8	3
52	Molecularly Imprinted Electrochemical Sensor-Based FeO@MWCNTs for Ivabradine Drug Determination in Pharmaceutical Formulation, Serum, and Urine Samples. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 648704	5.8	7
51	Polyvinyl Chloride Modified Carbon Paste Electrodes for Sensitive Determination of Levofloxacin Drug in Serum, Urine, and Pharmaceutical Formulations. <i>Sensors</i> , 2021 , 21,	3.8	8
50	Molecularly imprinted polymers for selective extraction of rosmarinic acid from <i>Rosmarinus officinalis</i> L. <i>Food Chemistry</i> , 2021 , 335, 127644	8.5	14
49	Recent advances in the chromatographic determination of the most commonly used anti-hepatitis C drug sofosbuvir and its co-administered drugs in human plasma. <i>Biomedical Chromatography</i> , 2021 , e5238	1.7	1
48	High selectivity detection of FMDV- SAT-2 using a newly-developed electrochemical nanosensors. <i>Biosensors and Bioelectronics</i> , 2021 , 191, 113435	11.8	8
47	Design and application of molecularly imprinted Polypyrrole/Platinum nanoparticles modified platinum sensor for the electrochemical detection of Vardenafil. <i>Microchemical Journal</i> , 2021 , 171, 106771	4.8	7
46	Computational design of molecularly imprinted polymer for electrochemical sensing and stability indicating study of sofosbuvir. <i>Microchemical Journal</i> , 2020 , 158, 105180	4.8	10
45	t-Butyl calixarene/FeO@MWCNTs composite-based potentiometric sensor for determination of ivabradine hydrochloride in pharmaceutical formulations. <i>Materials Science and Engineering C</i> , 2020 , 116, 111110	8.3	15
44	Fabrication of Magnetic Molecularly Imprinted Beaded Fibers for Rosmarinic Acid. <i>Nanomaterials</i> , 2020 , 10,	5.4	6

43	Designing and fabrication of new VIP biosensor for the rapid and selective detection of foot-and-mouth disease virus (FMDV). <i>Biosensors and Bioelectronics</i> , 2019 , 141, 111467	11.8	20
42	Computational design of molecularly imprinted polymer for solid phase extraction of moxifloxacin hydrochloride from Avalox [®] tablets and spiked human urine samples. <i>Microchemical Journal</i> , 2019 , 148, 51-56	4.8	8
41	Validation and Application of Molecularly Imprinted Polymers for SPE/UPLC/MS/MS Detection of Gemifloxacin Mesylate. <i>Chromatographia</i> , 2019 , 82, 1617-1631	2.1	2
40	Molecularly imprinted polymer/reduced graphene oxide-based carbon-paste sensor for highly sensitive determination of the anti-HCV drug daclatasvir dihydrochloride. <i>Sensors and Actuators B: Chemical</i> , 2019 , 283, 6-17	8.5	19
39	Electrochemical Detection of the Different Species of Levofloxacin Using PVC, Carbon Paste and Screen-Printed Electrodes: Effect of pH. <i>Journal of Analysis and Testing</i> , 2018 , 2, 175-183	3.2	2
38	Calixarene-doped PVC polymeric films as size-selective optical sensors: Monitoring of salicylate in real samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 201, 98-104	4.4	5
37	Moxifloxacin hydrochloride electrochemical detection based on newly designed molecularly imprinted polymer. <i>Sensors and Actuators B: Chemical</i> , 2018 , 275, 127-136	8.5	29
36	Isolation of sinapic acid from broccoli using molecularly imprinted polymers. <i>Journal of Separation Science</i> , 2018 , 41, 1164-1172	3.4	11
35	Voltammetric Determination of Valaciclovir Using a Molecularly Imprinted Polymer Modified Carbon Paste Electrode. <i>Electroanalysis</i> , 2017 , 29, 1388-1399	3	8
34	Molecularly imprinted polymers based biomimetic sensors for mosapride citrate detection in biological fluids. <i>Materials Science and Engineering C</i> , 2017 , 76, 123-129	8.3	23
33	Computational Design, Synthesis and Application of a New Selective Molecularly Imprinted Polymer for Electrochemical Detection. <i>Electroanalysis</i> , 2016 , 28, 1530-1538	3	23
32	Robust and Optimal Control of Magnetic Microparticles inside Fluidic Channels with Time-Varying Flow Rates. <i>International Journal of Advanced Robotic Systems</i> , 2016 , 13, 123	1.4	11
31	Molecularly imprinted polymer-based bulk optode for the determination of itopride hydrochloride in physiological fluids. <i>Biosensors and Bioelectronics</i> , 2016 , 85, 740-742	11.8	10
30	Preparation and application of molecularly imprinted polymer for isolation of chicoric acid from <i>Chicorium intybus</i> L. medicinal plant. <i>Analytica Chimica Acta</i> , 2015 , 877, 80-9	6.6	51
29	Synthesis and application of a molecularly imprinted polymer for the voltammetric determination of famciclovir. <i>Biosensors and Bioelectronics</i> , 2015 , 65, 108-14	11.8	45
28	Enantiomeric separation of underivatized amino acids: predictability of chiral recognition on ristocetin a chiral stationary phase. <i>Chirality</i> , 2014 , 26, 132-5	2.1	7
27	Predictability of enantiomeric chromatographic behavior on various chiral stationary phases using typical reversed phase modeling software. <i>Chirality</i> , 2013 , 25, 506-13	2.1	5
26	A New Validated Potentiometric Method for Batch and Continuous Quality Control Monitoring of Oseltamivir Phosphate (Taminiil) in Drug Formulations and Biological Fluids. <i>Electroanalysis</i> , 2013 , 25, 408-416	3	5

25	Determination of the design space of the HPLC analysis of water-soluble vitamins. <i>Journal of Separation Science</i> , 2013 , 36, 1703-10	3.4	10
24	Dissolution testing and potentiometric determination of famciclovir in pure, dosage forms and biological fluids. <i>Bioelectrochemistry</i> , 2013 , 89, 26-33	5.6	11
23	Flow injection catalase activity measurement based on gold nanoparticles/carbon nanotubes modified glassy carbon electrode. <i>Talanta</i> , 2012 , 96, 161-7	6.2	11
22	Potentiometric determination of tolterodine in batch and flow injection conditions. <i>Talanta</i> , 2012 , 96, 153-60	6.2	8
21	Construction and performance characteristics of new ion selective electrodes based on carbon nanotubes for determination of meclofenoxate hydrochloride. <i>Analytica Chimica Acta</i> , 2012 , 730, 99-111	6.6	18
20	Potentiometric Determination of Sibutramine Using Batch and Flow Injection Analysis. <i>Analytical Letters</i> , 2011 , 44, 241-257	2.2	8
19	Mini Review: Determination of Sildenafil Citrate in Pharmaceutical Preparations. <i>Analytical Letters</i> , 2011 , 44, 2085-2093	2.2	4
18	Dissolution Testing and Potentiometric Assay of Sertraline Hydrochloride in Batch and FIA Conditions. <i>Analytical Letters</i> , 2011 , 44, 1713-1727	2.2	4
17	Application of oxybutynin selective sensors for monitoring the dissolution profile and assay of pharmaceutical dosage forms. <i>Analytical Sciences</i> , 2010 , 26, 437-42	1.7	7
16	Vinpocetine Chemical Sensor for Its Dissolution Testing, Assay and as HPLC Detector. <i>Sensor Letters</i> , 2010 , 8, 838-847	0.9	3
15	Applications of Calixarenes as Potential Ionophores for Electrochemical Sensors. <i>Current Analytical Chemistry</i> , 2009 , 5, 249-270	1.7	18
14	Determination of Orciprenaline Using a Flow Injection Analysis System with Sequential Potentiometric and Spectrophotometric Detection. <i>Analytical Letters</i> , 2008 , 41, 949-964	2.2	5
13	Flow injection potentiometric assay of hexoprenaline in its pure state, pharmaceutical preparations, and biological samples. <i>Journal of Automated Methods and Management in Chemistry</i> , 2008 , 2008, 586310		4
12	Flow-injection potentiometric determination of clobutinol hydrochloride in pure state and pharmaceutical preparations. <i>Journal of Analytical Chemistry</i> , 2007 , 62, 977-986	1.1	1
11	Flow-injection potentiometric and conductometric determination of papaverine hydrochloride in the parent substance and a related pharmaceutical preparation. <i>Pharmaceutical Chemistry Journal</i> , 2007 , 41, 447-454	0.9	8
10	Flow Injection Potentiometric Determination of Dothiepin Hydrochloride. <i>Analytical Letters</i> , 2004 , 37, 3237-3254	2.2	9
9	Flow injection potentiometric determination of amitriptyline hydrochloride. <i>Microchemical Journal</i> , 2004 , 78, 107-113	4.8	19
8	POTENTIOMETRIC FLOW INJECTION DETERMINATION OF SALBUTAMOL. <i>Analytical Letters</i> , 2002 , 35, 39-52	2.2	9

7	Conductimetric determination of reproterol HCl and pipazethate HCl and salbutamol sulphate in their pharmaceutical formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001 , 26, 379-86	3.5	25
6	Reproterol plastic membrane ion-selective electrodes based on its individual and mixed ion-exchangers with phosphotungstic and/or phosphomolybdic acids. <i>Microchemical Journal</i> , 2001 , 69, 189-197	4.8	4
5	Construction and performance characteristics of terbutaline plastic membrane electrode in batch and FIA conditions. <i>Microchemical Journal</i> , 2001 , 70, 93-101	4.8	18
4	Flow injection potentiometric determination of pipazethate hydrochloride. <i>Analyst, The</i> , 2001 , 126, 79-85		47
3	Salbutamol plastic membrane electrodes based on individual and mixed ion-exchangers of salbutamolium phosphotungstate and phosphomolybdate. <i>Analyst, The</i> , 2000 , 125, 1129-1133	5	28
2	Dipyridamole plastic membrane electrodes based on individual and mixed ion-exchangers of dipyridamolium phosphotungstate and tetraphenylborate. <i>Electroanalysis</i> , 1997 , 9, 74-78	3	6
1	Etilefrine Plastic Membrane Electrodes Based on Individual and Mixed Ion-exchangers of Etilefrinium Phosphotungstate and Tetraphenylborate.. <i>Analytical Letters</i> , 1996 , 29, 1463-1475	2.2	11