

Rasha Mohamed El Nashar

List of Publications by Year in descending order

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63
papers

1,115
citations

361413

20
h-index

454955

30
g-index

63
all docs

63
docs citations

63
times ranked

881
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 80-89.	5.4	62
2	Synthesis and application of a molecularly imprinted polymer for the voltammetric determination of famciclovir. <i>Biosensors and Bioelectronics</i> , 2015, 65, 108-114.	10.1	55
3	Flow injection potentiometric determination of pipazethate hydrochloride. <i>Analyst, The</i> , 2001, 126, 79-85.	3.5	53
4	SARS-CoV-2-Impedimetric Biosensor: Virus-Imprinted Chips for Early and Rapid Diagnosis. <i>ACS Sensors</i> , 2021, 6, 4098-4107.	7.8	48
5	Application of molecularly imprinted polymers for electrochemical detection of some important biomedical markers and pathogens. <i>Current Opinion in Electrochemistry</i> , 2022, 31, 100848.	4.8	43
6	Moxifloxacin hydrochloride electrochemical detection based on newly designed molecularly imprinted polymer. <i>Sensors and Actuators B: Chemical</i> , 2018, 275, 127-136.	7.8	39
7	Molecularly imprinted polymers for selective extraction of rosmarinic acid from <i>Rosmarinus officinalis</i> L.. <i>Food Chemistry</i> , 2021, 335, 127644.	8.2	39
8	Computational Design, Synthesis and Application of a New Selective Molecularly Imprinted Polymer for Electrochemical Detection. <i>Electroanalysis</i> , 2016, 28, 1530-1538.	2.9	33
9	Salbutamol plastic membrane electrodes based on individual and mixed ion-exchangers of salbutamolium phosphotungstate and phosphomolybdate. <i>Analyst, The</i> , 2000, 125, 1129-1133.	3.5	32
10	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, 379-386.	2.8	32
11	Molecularly imprinted polymers based biomimetic sensors for mosapride citrate detection in biological fluids. <i>Materials Science and Engineering C</i> , 2017, 76, 123-129.	7.3	32
12	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.	7.8	32
13	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.	10.1	30
14	Molecularly Imprinted Electrochemical Sensor-Based Fe ₂ O ₃ @MWCNTs for Ivabradine Drug Determination in Pharmaceutical Formulation, Serum, and Urine Samples. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 648704.	4.1	29
15	t-Butyl calixarene/Fe ₂ O ₃ @MWCNTs composite-based potentiometric sensor for determination of ivabradine hydrochloride in pharmaceutical formulations. <i>Materials Science and Engineering C</i> , 2020, 116, 111110.	7.3	28
16	Application of Molecularly Imprinted Polymers in the Analysis of Waters and Wastewaters. <i>Molecules</i> , 2021, 26, 6515.	3.8	27
17	Flow injection potentiometric determination of amitriptyline hydrochloride. <i>Microchemical Journal</i> , 2004, 78, 107-113.	4.5	23
18	Polyvinyl Chloride Modified Carbon Paste Electrodes for Sensitive Determination of Levofloxacin Drug in Serum, Urine, and Pharmaceutical Formulations. <i>Sensors</i> , 2021, 21, 3150.	3.8	23

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19	Applications of Calixarenes as Potential Ionophores for Electrochemical Sensors. <i>Current Analytical Chemistry</i> , 2009, 5, 249-270.	1.2	21
20	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.	5.4	21
21	Computational design of molecularly imprinted polymer for electrochemical sensing and stability indicating study of sofosbuvir. <i>Microchemical Journal</i> , 2020, 158, 105180.	4.5	21
22	Construction and performance characteristics of terbutaline plastic membrane electrode in batch and FIA conditions. <i>Microchemical Journal</i> , 2001, 70, 93-101.	4.5	20
23	Isolation of sinapic acid from broccoli using molecularly imprinted polymers. <i>Journal of Separation Science</i> , 2018, 41, 1164-1172.	2.5	19
24	High selectivity detection of FMDV- SAT-2 using a newly-developed electrochemical nanosensors. <i>Biosensors and Bioelectronics</i> , 2021, 191, 113435.	10.1	19
25	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.	2.1	17
26	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.	4.5	17
27	Voltammetric Determination of Valaciclovir Using a Molecularly Imprinted Polymer Modified Carbon Paste Electrode. <i>Electroanalysis</i> , 2017, 29, 1388-1399.	2.9	16
28	Etilefrine Plastic Membrane Electrodes Based on Individual and Mixed Ion-exchangers of Etilefrinium Phosphotungstate and Tetraphenylborate.. <i>Analytical Letters</i> , 1996, 29, 1463-1475.	1.8	15
29	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.	6.7	15
30	Dissolution testing and potentiometric determination of famciclovir in pure, dosage forms and biological fluids. <i>Bioelectrochemistry</i> , 2013, 89, 26-33.	4.6	13
31	Fabrication of Magnetic Molecularly Imprinted Beaded Fibers for Rosmarinic Acid. <i>Nanomaterials</i> , 2020, 10, 1478.	4.1	13
32	POTENTIOMETRIC FLOW INJECTION DETERMINATION OF SALBUTAMOL. <i>Analytical Letters</i> , 2002, 35, 39-52.	1.8	12
33	Potentiometric Determination of Sibutramine Using Batch and Flow Injection Analysis. <i>Analytical Letters</i> , 2011, 44, 241-257.	1.8	12
34	Flow injection catalase activity measurement based on gold nanoparticles/carbon nanotubes modified glassy carbon electrode. <i>Talanta</i> , 2012, 96, 161-167.	5.5	12
35	Determination of the design space of the HPLC analysis of water-soluble vitamins. <i>Journal of Separation Science</i> , 2013, 36, 1703-1710.	2.5	12
36	Computational design of molecularly imprinted polymer for solid phase extraction of moxifloxacin hydrochloride from AvaloxÂ® tablets and spiked human urine samples. <i>Microchemical Journal</i> , 2019, 148, 51-56.	4.5	12

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37	Voltammetric determination of <i>Salmonella typhimurium</i> in minced beef meat using a chip-based imprinted sensor. RSC Advances, 2022, 12, 3445-3453.	3.6	12
38	Flow Injection Potentiometric Determination of Dothiepin Hydrochloride. Analytical Letters, 2004, 37, 3237-3254.	1.8	11
39	Flow-injection potentiometric and conductometric determination of papaverine hydrochloride in the parent substance and a related pharmaceutical preparation. Pharmaceutical Chemistry Journal, 2007, 41, 447-454.	0.8	11
40	Enantiomeric Separation of Underivatized Amino Acids: Predictability of Chiral Recognition on Ristocetin A Chiral Stationary Phase. Chirality, 2014, 26, 132-135.	2.6	11
41	Molecularly imprinted polymer-based bulk optode for the determination of itopride hydrochloride in physiological fluids. Biosensors and Bioelectronics, 2016, 85, 740-742.	10.1	11
42	Potentiometric determination of tolterodine in batch and flow injection conditions. Talanta, 2012, 96, 153-160.	5.5	9
43	Application of Oxybutynin Selective Sensors for Monitoring the Dissolution Profile and Assay of Pharmaceutical Dosage Forms. Analytical Sciences, 2010, 26, 437-442.	1.6	8
44	Predictability of Enantiomeric Chromatographic Behavior on Various Chiral Stationary Phases Using Typical Reversed Phase Modeling Software. Chirality, 2013, 25, 506-513.	2.6	8
45	Validation and Application of Molecularly Imprinted Polymers for SPE/UPLC-MS/MS Detection of Gemifloxacin Mesylate. Chromatographia, 2019, 82, 1617-1631.	1.3	8
46	Application of a Conducting Poly-Methionine/Gold Nanoparticles-Modified Sensor for the Electrochemical Detection of Paroxetine. Polymers, 2021, 13, 3981.	4.5	8
47	Calixarene-doped PVC polymeric films as size-selective optical sensors: Monitoring of salicylate in real samples. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 201, 98-104.	3.9	7
48	Dipyridamole plastic membrane electrodes based on individual and mixed ion-exchangers of dipyridamolium phosphotungstate and tetraphenylborate. Electroanalysis, 1997, 9, 74-78.	2.9	6
49	Reproterol plastic membrane ion-selective electrodes based on its individual and mixed ion-exchangers with phosphotungstic and/or phosphomolybdic acids. Microchemical Journal, 2001, 69, 189-197.	4.5	6
50	Vinpocetine Chemical Sensor for Its Dissolution Testing, Assay and as HPLC Detector. Sensor Letters, 2010, 8, 838-847.	0.4	6
51	Computational Design and Application of Molecularly Imprinted/MWCNT Based Electrochemical Sensor for the Determination of Silodosin. Electroanalysis, 2022, 34, 1802-1820.	2.9	6
52	Determination of Orciprenaline Using a Flow Injection Analysis System with Sequential Potentiometric and Spectrophotometric Detection. Analytical Letters, 2008, 41, 949-964.	1.8	5
53	Flow Injection Potentiometric Assay of Hexoprenaline in Its Pure State, Pharmaceutical Preparations, and Biological Samples. Journal of Automated Methods and Management in Chemistry, 2008, 2008, 1-11.	0.5	5
54	A New Validated Potentiometric Method for Batch and Continuous Quality Control Monitoring of Oseltamivir Phosphate (Taminil) in Drug Formulations and Biological Fluids. Electroanalysis, 2013, 25, 408-416.	2.9	5

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55	Mini Review: Determination of Sildenafil Citrate in Pharmaceutical Preparations. <i>Analytical Letters</i> , 2011, 44, 2085-2093.	1.8	4
56	Dissolution Testing and Potentiometric Assay of Sertraline Hydrochloride in Batch and FIA Conditions. <i>Analytical Letters</i> , 2011, 44, 1713-1727.	1.8	4
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.	2.9	4
58	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.	5.1	3
59	Multivariate experimental design: towards more reliable electrochemical detection. <i>Current Opinion in Electrochemistry</i> , 2022, 31, 100880.	4.8	3
60	Nanomicelles-in-coaxial nanofibers with exit channels as a transdermal delivery platform for smoking cessation. <i>Journal of Materials Chemistry B</i> , 0, , .	5.8	3
61	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> , 2022, 36, e5238.	1.7	2
62	Flow-injection potentiometric determination of clobutinol hydrochloride in pure state and pharmaceutical preparations. <i>Journal of Analytical Chemistry</i> , 2007, 62, 977-986.	0.9	1
63	Characterization and Performance Analysis of an Adsorptive Polyacrylonitrile based Hydrogel for Heavy Metals Removal. <i>International Journal of Recent Technology and Engineering</i> , 2020, 9, 283-291.	0.2	1