Sibel A Ozkan

List of Publications by Year in Descending Order

347 papers	5,790 citations	39 h-index	56 g-index
368 ext. papers	6,823 ext. citations	3.8 avg, IF	6.42 L-index

#	Paper	IF	Citations
347	Sensitive and cost-effective boron doped diamond and Fe2O3/Chitosan nanocomposite modified glassy carbon electrodes for the trace level quantification of anti-diabetic dapagliflozin drug. *Journal of Electroanalytical Chemistry*, **2022**, 908, 116092	4.1	1
346	A porous molecularly imprinted electrochemical sensor for specific determination of bisphenol S from human serum and bottled water samples in femtomolar level.. *Analytical and Bioanalytical Chemistry*, **2022**, 414, 2775	4.4	2
345	Green analytical chemistry approaches on environmental analysis. *Trends in Environmental Analytical Chemistry*, **2022**, 33, e00157	12	5
344	The ten principles of green sample preparation. *TrAC - Trends in Analytical Chemistry*, **2022**, 148, 116530	14.6	27
343	Trends in on-site removal, treatment, and sensitive assay of common pharmaceuticals in surface waters. *TrAC - Trends in Analytical Chemistry*, **2022**, 116556	14.6	3
342	Sensor-based MIP technologies for targeted metabolomics analysis. *TrAC - Trends in Analytical Chemistry*, **2022**, 146, 116487	14.6	6
341	Computational design and fabrication of a highly selective and sensitive molecularly imprinted electrochemical sensor for the detection of enzalutamide. *Journal of Electroanalytical Chemistry*, **2022**, 116030	4.1	3
340	The role and the place of ionic liquids in molecularly imprinted polymer-based electrochemical sensors development for sensitive drug assay. *TrAC - Trends in Analytical Chemistry*, **2022**, 147, 116512	14.6	3
339	An electrochemical and theoretical approach for the development of a sensitive flower-like nanosensor as serotonin receptor antagonist tropisetron. *Microchemical Journal*, **2022**, 172, 106888	4.8	
338	Recent achievements and challenges on nanomaterial based electrochemical biosensors for the detection of colon and lung cancer biomarkers. *Sensors and Actuators B: Chemical*, **2022**, 351, 130856	8.5	4
337	Investigation of Pazopanib and Human Serum Albumin Interaction Using Spectroscopic and Molecular Docking Approaches. *Analytical Journal of Analytical Chemistry and Chemical Analysis*, **2022**, 3, 144-160	1.4	
336	Spectroscopic, electrochemical, and some theoretical studies on the interactional of neuraminidase inhibitor Zanamivir with double helix deoxyribonucleic acid. *Journal of Molecular Structure*, **2022**, 133029	3.4	1
335	New analytical strategies Amplified with 2D carbon nanomaterials for electrochemical sensing of food pollutants in water and soils sources.. *Chemosphere*, **2022**, 296, 133974	8.4	2
334	A highly sensitive and selective electrochemical sensor based on computer-aided design of molecularly imprinted polymer for the determination of leflunomide. *Microchemical Journal*, **2022**, 179, 107496	4.8	1
333	Understanding electrooxidation mechanism of anticancer drugs utilizing ultrafast pump probe spectroscopy. *Journal of Molecular Structure*, **2022**, 1262, 133071	3.4	0
332	Liquid-Phase Microextraction Approaches for Preconcentration and Analysis of Chiral Compounds: A Review on Current Advances.. *Critical Reviews in Analytical Chemistry*, **2022**, 1-15	5.2	
331	Types of Biosensors and their Importance in Cardiovascular Applications **2022**, 47-79		

330	Carbon Dots in the Detection of Pathogenic Bacteria and Viruses.. *Critical Reviews in Analytical Chemistry*, **2022**, 1-28	5.2	0
329	Assisting dementia diagnosis through the electrochemical immunosensing of glial fibrillary acidic protein.. *Talanta*, **2022**, 246, 123526	6.2	1
328	A green synthesis route to develop molecularly imprinted electrochemical sensors for selective detection of vancomycin from aqueous and serum samples **2022**, 100017		1
327	Enantioselective recognition of esomeprazole with a molecularly imprinted sol-gel-based electrochemical sensor.. *Mikrochimica Acta*, **2022**, 189, 225	5.8	0
326	Investigation of the interaction between anticancer drug ibrutinib and double-stranded DNA by electrochemical and molecular docking techniques. *Microchemical Journal*, **2022**, 180, 107622	4.8	0
325	Molecularly imprinted polymer (MIP)-Based sensing for detection of explosives: Current perspectives and future applications. *TrAC - Trends in Analytical Chemistry*, **2022**, 155, 116694	14.6	1
324	A novel electrochemical sensor based on magnetic Co3O4 nanoparticles/carbon recycled from waste sponges for sensitive determination of anticancer drug ruxolitinib. *Sensors and Actuators B: Chemical*, **2022**, 132127	8.5	0
323	Green Synthesis and Characterization of Carbon-Based Materials for Sensitive Detection of Heavy Metal Ions. *TrAC - Trends in Analytical Chemistry*, **2021**, 116473	14.6	3
322	Revisiting Pharmaceutical Analysis in the Light of New Technologies - Volume II. *Current Analytical Chemistry*, **2021**, 17, 1213-1214	1.7	
321	Nanomaterial-based electroanalytical sensors for the selected prohibited anabolic agents, hormones and metabolic modulators and their sensitive assays. *TrAC - Trends in Analytical Chemistry* , **2021**, 145, 116457	14.6	3
320	A porous molecularly imprinted nanofilm for selective and sensitive sensing of an anticancer drug ruxolitinib. *Analytica Chimica Acta*, **2021**, 1187, 339143	6.6	6
319	The Interaction between DNA and Three Intercalating Anthracyclines Using Electrochemical DNA Nanobiosensor Based on Metal Nanoparticles Modified Screen-Printed Electrode. *Micromachines*, **2021**, 12,	3.3	2
318	Electrochemical Analysis for Pharmaceuticals by the Advantages of Metal Oxide Nanomaterials. *Current Analytical Chemistry*, **2021**, 17, 1322-1339	1.7	2
317	Recent advances in the determination of unbound concentration and plasma protein binding of drugs: Analytical methods. *Talanta*, **2021**, 225, 122052	6.2	5
316	Magnetic nanoparticles in developing electrochemical sensors for pharmaceutical and biomedical applications. *Talanta*, **2021**, 226, 122108	6.2	19
315	Recent advances of enzyme biosensors for pesticide detection in foods. *Journal of Food Measurement and Characterization*, **2021**, 15, 4582-4595	2.8	11
314	Pharmaceutical Analysis: Current Status and Future Perspectives. *Current Pharmaceutical Analysis*, **2021**, 17, 301-302	0.6	
313	Basics of electroanalytical methods and their applications with quantum dot sensors **2021**, 37-80		0

312	Latest Advances in Determination of Bisphenols with Nanomaterials, Molecularly Imprinted Polymers and Aptamer Based Electrochemical Sensors. *Critical Reviews in Analytical Chemistry*, **2021** , 1-21	5.2	2
311	Boron-Doped Diamond Electrodes: Recent Developments and Advances in View of Electrochemical Drug Sensors. *Critical Reviews in Analytical Chemistry*, **2021**, 1-17	5.2	8
310	Enhancement of graphene oxide through Cyclodextrin composite to sensitive analysis of an antidepressant: Sulpiride. *Open Chemistry*, **2021**, 19, 228-236	1.6	1
309	Current Status of Drug Delivery Approaches and Assay of Anti-Migraine Drugs. *Current Drug Delivery*, **2021**, 18, 121-146	3.2	2
308	Simple and highly sensitive assay of axitinib in dosage form and biological samples and its electrochemical behavior on the boron-doped diamond and glassy carbon electrodes. *Electrochimica Acta*, **2021**, 386, 138443	6.7	7
307	Ultrasound-assisted electromembrane extraction of clonazepam from plasma and determination using capillary electrophoresis. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2021**, 1181, 122928	3.2	0
306	Rod-like CuO nanoparticles/waste masks carbon modified glassy carbon electrode as a voltammetric nanosensor for the sensitive determination of anti-cancer drug pazopanib in biological and pharmaceutical samples. *Sensors and Actuators B: Chemical*, **2021**, 343, 130109	8.5	5
305	A molecularly imprinted electrochemical sensor based on highly selective and an ultra-trace assay of anti-cancer drug axitinib in its dosage form and biological samples. *Talanta*, **2021**, 233, 122569	6.2	4
304	Latest advances on the nanomaterials-based electrochemical analysis of azo toxic dyes Sunset Yellow and Tartrazine in food samples. *Food and Chemical Toxicology*, **2021**, 156, 112524	4.7	9
303	Detailed electrochemical behavior and thermodynamic parameters of anticancer drug regorafenib and its sensitive electroanalytical assay in biological and pharmaceutical samples. *Microchemical Journal*, **2021**, 170, 106717	4.8	1
302	Biocompatible Nanopolymers in Drug Delivery Systems and Their Recent Electrochemical Applications in Drug Assays **2021**, 875-894		
301	The Power of Carbon Nanotubes on Sensitive Drug Determination Methods. *Critical Reviews in Analytical Chemistry*, **2021**, 1-10	5.2	
300	Chiral Sensing as a Future Challenge in Electroanalytical Chemistry: Cyclodextrin-Based Chiral Sensors. *Critical Reviews in Analytical Chemistry*, **2021**, 1-22	5.2	
299	Achievements of Mesoporous Carbon Solution and Single-Walled Carbon Nanotube Composite on the Sensitive Electrochemical Assay of Ivabradine. *Analytical Journal of Analytical Chemistry and Chemical Analysis*, **2021**, 2, 195-205	1.4	
298	An Overview on Quantum Dot-based Nanocomposites for Electrochemical Sensing on Pharmaceutical Assay.. *Iranian Journal of Pharmaceutical Research*, **2021**, 20, 187-203	1.1	0
297	Achievements of Graphene and Its Derivatives Materials on Electrochemical Drug Assays and Drug-DNA Interactions.. *Critical Reviews in Analytical Chemistry*, **2021**, 1-22	5.2	
296	Au-Pt nanoparticles based molecularly imprinted nanosensor for electrochemical detection of the lipopeptide antibiotic drug Daptomycin. *Sensors and Actuators B: Chemical*, **2020**, 320, 128285	8.5	20
295	Green synthesis of carbon based biosensor materials from algal biomass for the sensitive detection of vardenafil. *Journal of Electroanalytical Chemistry*, **2020**, 871, 114286	4.1	12

294	Sensitive electroanalytical assay, evaluation of thermodynamic and mechanism parameters of leukotriene receptor antagonist Zafirlucast. *Sensors and Actuators B: Chemical*, **2020**, 320, 128251	8.5	
293	Electrochemical virus detections with nanobiosensors **2020**, 303-326		20
292	A novel stability-indicating analytical method development for simultaneous determination of carboplatin and decitabine from nanoparticles. *Journal of Separation Science*, **2020**, 43, 3491-3498	3.4	1
291	Determination of phenytoin in exhaled breath condensate using electromembrane extraction followed by capillary electrophoresis. *Electrophoresis*, **2020**, 41, 666-677	3.6	5
290	In the context of superficially porous silica particles: simultaneous determination of dutasteride and tamsulosin from biological samples. *Journal of the Iranian Chemical Society*, **2020**, 17, 1457-1465	2	0
289	NH2-fMWCNT-titanium dioxide nanocomposite based electrochemical sensor for the voltammetric assay of antibiotic drug nadifloxacin and its in vitro permeation study. *Journal of Electroanalytical Chemistry*, **2020**, 859, 113857	4.1	8
288	Highly Sensitive and Selective Electrochemical Sensor Based on Polyglycine Modified Glassy Carbon Electrode for Simultaneous Determination of Amlodipine and Ramipril from Biological Samples. *Journal of the Electrochemical Society*, **2020**, 167, 027511	3.9	4
287	Methods for design and fabrication of nanosensors and their electrochemical applications on pharmaceutical compounds **2020**, 31-61		
286	Sensitive Detection of Levocetirizine as a new Generation Antihistamine by Stripping Square Wave Voltammetry. *Current Pharmaceutical Analysis*, **2020**, 16, 424-437	0.6	1
285	Recent Electrochemical Assays on Cephalosporins. *Current Pharmaceutical Analysis*, **2020**, 16, 337-349	0.6	0
284	Chemically Modified Electrodes in Electrochemical Drug Analysis. *Current Pharmaceutical Analysis*, **2020**, 16, 641-660	0.6	6
283	Carbon Nanomaterial-Based Drug Sensing Platforms Using State-of-the-Art Electroanalytical Techniques. *Current Analytical Chemistry*, **2020**, 16,	1.7	1
282	GC-MS Based Metabolic Profiling of Parkinson's Disease with Glutathione S-transferase M1 and T1 Polymorphism in Tunisian Patients. *Combinatorial Chemistry and High Throughput Screening*, **2020**, 23, 1041-1048	1.3	2
281	Effect of Catalytically Active Zinc Oxide□arbon Nanotube Composite on Sensitive Assay of Desloratadine Metabolite. *Electroanalysis*, **2020**, 32, 50-58	3	5
280	Non-enzymatic monitoring of hydrogen peroxide using novel nanosensor based on CoFeO@CdSeQD magnetic nanocomposite and rifampicin mediator. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 5053-5065	4.4	13
279	A sensitive nanocomposite design via carbon nanotube and silver nanoparticles: Selective probing of Emedastine Difumarate. *Journal of Pharmaceutical and Biomedical Analysis*, **2020**, 181, 113096	3.5	8
278	Sensitive Nucleic Acid Detection at NH2-MWCNTs Modified Glassy Carbon Electrode and its Application for Monitoring of Gemcitabine-DNA Interaction. *Electroanalysis*, **2020**, 32, 912-922	3	4
277	Preparation of porous Cu metal organic framework/ZnTe nanorods/Au nanoparticles hybrid platform for nonenzymatic determination of catechol. *Journal of Electroanalytical Chemistry*, **2020**, 856, 113672	4.1	16

276	Current Advances in Electrochemical Biosensors and Nanobiosensors. *Critical Reviews in Analytical Chemistry*, **2020**, 1-16	5.2	7
275	Development, optimization and in vitro evaluation of oxaliplatin loaded nanoparticles in non-small cell lung cancer. *DARU, Journal of Pharmaceutical Sciences*, **2020**, 28, 673-684	3.9	4
274	Effect of monomer structure of anionic surfactant on voltammetric signals of an anticancer drug: rapid, simple, and sensitive electroanalysis of nilotinib in biological samples. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 8073-8081	4.4	4
273	Role of quantum dots in pharmaceutical and biomedical analysis, and its application in drug delivery. *TrAC - Trends in Analytical Chemistry*, **2020**, 131, 116013	14.6	28
272	A selective and molecular imaging approach for anticancer drug: Pemetrexed by nanoparticle accelerated molecularly imprinting polymer. *Electrochimica Acta*, **2020**, 354, 136665	6.7	12
271	Carbon-based ruthenium nanomaterial-based electroanalytical sensors for the detection of anticancer drug Idarubicin. *Scientific Reports*, **2020**, 10, 11057	4.9	10
270	Nanotechnological approaches and materials in commercial biosensors **2020**, 301-353		1
269	A New Approach on Sensitive Assay of Adefovir in Pharmaceutical and Biological Fluid Samples Using Polypyrrole Modified Glassy Carbon Electrode. *Sensors and Actuators B: Chemical*, **2020**, 323, 128657	8.5	11
268	Electrochemical, spectroscopic, and molecular docking studies of the interaction between the anti-retroviral drug indinavir and dsDNA. *Journal of Pharmaceutical Analysis*, **2020**, 10, 473-481	14	9
267	Electromembrane extraction as a new approach for determination of free concentration of phenytoin in plasma using capillary electrophoresis. *DARU, Journal of Pharmaceutical Sciences*, **2020** , 28, 615-624	3.9	2
266	Application of Nanomaterials in Development of Electrochemical Sensors and Drug Delivery Systems for Anticancer Drugs and Cancer Biomarkers. *Critical Reviews in Analytical Chemistry*, **2020**, 1-23	5.2	7
265	The Effect of Enantiomer Elution Order on the Determination of Minor Enantiomeric Impurity in Ketoprofen and Enantiomeric Purity Evaluation of Commercially Available Dexketoprofen Formulations. *Molecules*, **2020**, 25,	4.8	5
264	A Review: New Trends in Electrode Systems for Sensitive Drug and Biomolecule Analysis. *Critical Reviews in Analytical Chemistry*, **2020**, 50, 212-225	5.2	20
263	The Recent Electrochemical Studies on Bisphenol A Detection in Beverages **2020**, 309-333		4
262	Combination of Efficiency with Easiness, Speed, and Cheapness in Development of Sensitive Electrochemical Sensors. *Critical Reviews in Analytical Chemistry*, **2020**, 50, 538-553	5.2	8
261	Electrochemical Determination and in silico Studies of Fludarabine on NH2 Functionalized Multiwalled Carbon Nanotube Modified Glassy Carbon Electrode. *Electroanalysis*, **2020**, 32, 37-49	3	3
260	PEDOT for Sensitive Electrochemical Detection of Trimetazidine Hydrochloride in Biological Fluids: Synthesis, Characterization and Mechanism Insights. *Journal of the Electrochemical Society*, **2020**, 167, 167525	3.9	
259	Investigation of Electrochemical Oxidation Mechanism, Thermodynamic Parameters and Sensor Design for Analgesic and Relaxant Drug: Phenyramidol in Aqueous Medium by NH2fMWCNT. *Journal of the Electrochemical Society*, **2019**, 166, B1209-B1216	3.9	3

258	Carbon quantum dots co-catalyzed with multiwalled carbon nanotubes and silver nanoparticles modified nanosensor for the electrochemical assay of anti-HIV drug Rilpivirine. *Sensors and Actuators B: Chemical*, **2019**, 285, 571-583	8.5	37
257	Development and in vitro/in vivo evaluation of dihydroergotamine mesylate loaded maltodextrin-pullulan sublingual films. *Drug Development and Industrial Pharmacy*, **2019**, 45, 914-921	3.6	6
256	The Effect of Nanomaterials on the Drug Analysis Performance of Nanosensors **2019**, 79-118		3
255	Chemical Nanosensors in Pharmaceutical Analysis **2019**, 141-170		3
254	Noble Metal Nanoparticles in Electrochemical Analysis of Drugs **2019**, 171-195		3
253	Molecularly Imprinted Polymer-Based Nanosensors for Pharmaceutical Analysis **2019**, 231-271		2
252	Nanomaterials for Drug Delivery Systems **2019**, 273-301		7
251	A new sensing platform based on NH2fMWCNTs for the determination of antiarrhythmic drug Propafenone in pharmaceutical dosage forms. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 174, 534-540	3.5	6
250	Turning toxic cigarette butt waste into the sensor material for the sensitive determination of antihypertensive drug trandolapril from its dosage form and biological samples. *Sensors and Actuators B: Chemical*, **2019**, 296, 126626	8.5	9
249	Highly sensitive carbon-based nanohybrid sensor platform for determination of 5-hydroxytryptamine receptor agonist (Eletriptan). *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 174, 206-213	3.5	11
248	Development of a Surfactant/Platinum Composite for Sensitive Cardio-selective Beta Blocker Detection and their Theoretical Studies. *Electroanalysis*, **2019**, 31, 1598-1607	3	4
247	Current Analytical Techniques and Applications in Pharmaceutical Analysis Volume I *Current Analytical Chemistry*, **2019**, 15, 184-185	1.7	
246	Separation of brombuterol enantiomers in capillary electrophoresis with cyclodextrin-type chiral selectors and investigation of structure of selector-selectand complexes using nuclear magnetic resonance spectroscopy. *Electrophoresis*, **2019**, 40, 1904-1912	3.6	9
245	NH2-Functionalized Multi Walled Carbon Nanotubes Decorated with ZnO Nanoparticles and Graphene Quantum Dots for Sensitive Assay of Pimozide. *Electroanalysis*, **2019**, 31, 1083-1094	3	12
244	Fortification of Functional and Medicinal Beverages With Botanical Products and Their Analysis **2019**, 351-404		1
243	Electrochemical oxidation of curcuminoids: an experimental and computationalinvestigation. *Turkish Journal of Chemistry*, **2019**, 43, 834-845	1	1
242	The Role of Electrochemical Immunosensors in Clinical Analysis. *Biosensors*, **2019**, 9,	5.9	75
241	Magnetic Nanosensor Design and Assay of an Anti-Tuberculosis Drug. *Journal of the Electrochemical Society*, **2019**, 166, B933-B941	3.9	3

240	Current Analytical Techniques and Applications in Pharmaceutical Analysis Volume II *Current Analytical Chemistry*, **2019**, 15, 322-323	1.7	
239	Recent Advances on Drug Analyses Using Ultra Performance Liquid Chromatographic Techniques and their Application to the Biological Samples. *Current Analytical Chemistry*, **2019**, 15, 277-293	1.7	5
238	Electrochemical Detection of ct-dsDNA on Nanomaterial-modified Carbon Based Electrodes. *Current Analytical Chemistry*, **2019**, 15, 305-312	1.7	4
237	Determination of Probiotic Abilities and Lactic Acid Content of Pediococcus acidilactici. *Current Analytical Chemistry*, **2019**, 15, 511-521	1.7	2
236	Electrochemical Determination of Non-Steroidal Anti-Inflammatory Drugs. *Current Analytical Chemistry*, **2019**, 15, 485-501	1.7	6
235	Nanocarriers Used Most in Drug Delivery and Drug Release: Nanohydrogel, Chitosan, Graphene, and Solid Lipid. *Turkish Journal of Pharmaceutical Sciences*, **2019**, 16, 481-492	1.1	6
234	Biocompatible Nanopolymers in Drug Delivery Systems and Their Recent Electrochemical Applications in Drug Assays **2019**, 1-20		1
233	Electrochemical Analysis of Antipsychotics. *Current Pharmaceutical Analysis*, **2019**, 15, 413-428	0.6	3
232	Step-by-step optimization of the HILIC method for simultaneous determinationof abacavir, lamivudine, and zidovudine from dosage form. *Turkish Journal of Chemistry*, **2019**, 43, 1597-1607	1	3
231	Recent Advances and Future Perspectives in Pharmaceutical Analysis. *Current Pharmaceutical Analysis*, **2019**, 16, 2-4	0.6	3
230	Electrochemical MIP Sensor for Butyrylcholinesterase. *Polymers*, **2019**, 11,	4.5	19
229	Nanomaterials-Based Nanosensors for the Simultaneous Electrochemical Determination of Biologically Important Compounds: Ascorbic Acid, Uric Acid, and Dopamine. *Critical Reviews in Analytical Chemistry*, **2019**, 49, 101-125	5.2	31
228	The History of the Core-Shell Particles and Applications in Active Pharmaceutical Ingredients Via Liquid Chromatography. *Chromatographia*, **2019**, 82, 17-48	2.1	18
227	Modern Assay Techniques for Cancer Drugs: Electroanalytical and Liquid Chromatography Methods. *Critical Reviews in Analytical Chemistry*, **2019**, 49, 306-323	5.2	4
226	Development and Validation of RP-LC Method for the Simultaneous Determination of Simvastatin and Ezetimibe in Fixed-Dose Combination Tablets and in Rabbit Serum. *Chromatographia*, **2019**, 82, 279-285	2.1	1
225	A Facile Strategy for Construction of Sensor for Detection of Ondansetron and Investigation of its Redox Behavior and Thermodynamic Parameters. *Electroanalysis*, **2019**, 31, 1279-1290	3	7
224	A novel electrochemical nanosensor based on NH-functionalized multi walled carbon nanotubes for the determination of catechol-orto-methyltransferase inhibitor entacapone. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 165, 73-81	3.5	18
223	Electrochemical, spectroscopic and molecular docking studies on the interaction of calcium channel blockers with dsDNA. *Bioelectrochemistry*, **2019**, 127, 12-20	5.6	16

222	The redox mechanism investigation of non-small cell lung cancer drug: Erlotinib via theoretical and experimental techniques and its host–guest detection by β-Cyclodextrin nanoparticles modified glassy carbon electrode. *Sensors and Actuators B: Chemical*, **2019**, 278, 172-180	8.5	9
221	Development of stability indicating HPLC method for the separation and validation of enantiomers of miconazole. *Chirality*, **2018**, 30, 807-815	2.1	2
220	Nanomedicine: An effective tool in cancer therapy. *International Journal of Pharmaceutics*, **2018**, 540, 132-149	6.5	143
219	An Electrochemical Sensor Based on Silver Nanoparticles-Benzalkonium Chloride for the Voltammetric Determination of Antiviral Drug Tenofovir. *Electroanalysis*, **2018**, 30, 943-954	3	20
218	Recent developments on electrochemical flow injection in pharmaceuticals and biologically important compounds. *Electrochimica Acta*, **2018**, 287, 135-148	6.7	12
217	Development of a HILIC method for the determination of 5-fluorouracil from nano drug delivery systems and rat skin extracts. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 154, 285-293	3.5	13
216	Electrochemical carbon based nanosensors: A promising tool in pharmaceutical and biomedical analysis. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 147, 439-457	3.5	80
215	A Novel Enzymatic Biosensor for the Detection of Catechol Using Multi-walled Carbon Nanotubes and Gold Nanowires. *Electrocatalysis*, **2018**, 9, 252-257	2.7	19
214	Application of cellulose 3,5-dichlorophenylcarbamate covalently immobilized on superficially porous silica for the separation of enantiomers in high-performance liquid chromatography. *Journal of Chromatography A*, **2018**, 1571, 132-139	4.5	32
213	Separation of terbutaline enantiomers in capillary electrophoresis with cyclodextrin-type chiral selectors and investigation of structure of selector-selectand complexes. *Journal of Chromatography A*, **2018**, 1571, 231-239	4.5	30
212	Quantum Dots as a New Generation Nanomaterials and Their Electrochemical Applications in Pharmaceutical Industry **2018**, 520-529		8
211	Electrochemical Approach on Mechanism of an Oral Progestin in Aqueous Media and its Fully Validated Detection via a Carbon-Metal Based Composite Sensor. *Electroanalysis*, **2018**, 30, 2273-2283	3	4
210	Nanobiodevices for electrochemical biosensing of pharmaceuticals **2018**, 291-330		3
209	Recent progress on the sensitive detection of cardiovascular disease markers by electrochemical-based biosensors. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 159, 406-424	3.5	60
208	Targeting and sensing of some cancer cells using folate bioreceptor functionalized nitrogen-doped graphene quantum dots. *International Journal of Biological Macromolecules*, **2018**, 118, 1021-1034	7.9	54
207	A novel approach for drug targeting: Core-shell type lipid-polymer hybrid nanocarriers **2018**, 69-107		4
206	Polarographic Investigation of Dienogest. *Journal of the Electrochemical Society*, **2018**, 165, G128-G132	3.9	1
205	Validation of Analytical Methods for the Assessment of Hazards in Food **2018**, 59-90		2

204	The Detection of Pesticide in Foods Using Electrochemical Sensors **2018**, 91-141		11
203	Current perspectives on drug release studies from polymeric nanoparticles **2018**, 101-145		2
202	Lipid-based nanoparticles for dermal drug delivery **2018**, 369-413		7
201	Analytical Method Validation: The Importance for Pharmaceutical Analysis **2018**, 24, 1-2		12
200	Electrochemical Detectors in Liquid Chromatography: Recent Trends in Pharmaceutical and Biomedical Analysis. *Current Medicinal Chemistry*, **2018**, 25, 4050-4065	4.3	4
199	Electrochemical MIP-Sensors for Drugs. *Current Medicinal Chemistry*, **2018**, 25, 4007-4019	4.3	20
198	Simultaneous determination and validation of emtricitabine, rilpivirine and tenofovir from biological samples using LC and CE methods. *Biomedical Chromatography*, **2018**, 32, e4158	1.7	7
197	In-Vitro Drug Dissolution Studies in Medicinal Compounds. *Current Medicinal Chemistry*, **2018**, 25, 4020-4036	4.3	1
196	Analytical and Preparative Scale Separation of Enantiomers of Chiral Drugs by Chromatography and Related Methods. *Current Medicinal Chemistry*, **2018**, 25, 4152-4188	4.3	52
195	A novel core-shell-based chromatographic method supported by ratio derivative spectrophotometry for the simultaneous determination of perindopril, indapamide, and amlodipine ternary mixtures. *Turkish Journal of Chemistry*, **2018**, 42, 1408-1419	1	3
194	Application of chitosan as biocompatible polysaccharide in quantification of some benzodiazepines affecting sleep disorders: A new platform for preparation of bioactive scaffolds. *International Journal of Biological Macromolecules*, **2018**, 120, 2466-2481	7.9	13
193	MWCNT/CdSe quantum dot modified glassy carbon electrode for the determination of clopidogrel bisulfate in tablet dosage form and serum samples. *Journal of Electroanalytical Chemistry*, **2018**, 827, 51-57	4.1	9
192	Quorum sensing signals and related virulence inhibition of Pseudomonas aeruginosa by a potential probiotic strain's organic acid. *Microbial Pathogenesis*, **2018**, 121, 190-197	3.8	34
191	Development of assay for determination of eletriptan hydrobromide in loaded PLGA nanoparticles. *Journal of Pharmaceutical and Biomedical Analysis*, **2017**, 142, 74-83	3.5	13
190	Simple and sensitive adsorptive stripping voltammetric assay of granisetron from its dosage form by platinum nanoparticles modified electrodes. *Sensors and Actuators B: Chemical*, **2017**, 251, 572-582	8.5	16
189	Nanosized Drug Carriers for Oral Delivery of Anticancer Compounds and the Importance of the Chromatographic Techniques **2017**, 165-195		5
188	Gold-Ruthenium Alloy Nanoparticles Modified Glassy Carbon Electrode as a Sensing Platform for the Trace Level Detection of Indol-3-Carbaldehyde. *Journal of the Electrochemical Society*, **2017**, 164, B542-B547	3.9	2
187	Highly sensitive and selective electrochemical sensor for the trace level detection of mercury and cadmium. *Electrochimica Acta*, **2017**, 258, 1397-1403	6.7	30

186	Carbon-based nanostructures for electrochemical analysis of oral medicines **2017**, 885-938		4
185	Electrochemically reduced graphene and iridium oxide nanoparticles for inhibition-based angiotensin-converting enzyme inhibitor detection. *Biosensors and Bioelectronics*, **2017**, 88, 122-129	11.8	36
184	Nanomaterials-based enzyme electrochemical biosensors operating through inhibition for biosensing applications. *Biosensors and Bioelectronics*, **2017**, 89, 886-898	11.8	133
183	Sensitive and Selective Assay of Antimicrobials on Nanostructured Materials by Electrochemical Techniques **2017**, 55-83		
182	The Role and the Place of High-Performance Liquid Chromatography for the Determination of Fermented Dairy Products **2017**, 421-464		0
181	Effect of Polymer-Based Nanoparticles on the Assay of Antimicrobial Drug Delivery Systems **2017**, 67-108		40
180	Tyrosinase Immobilization in Multi Walled Carbon Nanotube and Gold Nanowires Matrice for Catechol Detection. *Proceedings (mdpi)*, **2017**, 1, 700	0.3	
179	Electrochemical DNA Biosensors in Drug Analysis. *Current Pharmaceutical Analysis*, **2017**, 13, 195-207	0.6	9
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