# Sevinc Kurbanoglu

## 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.

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|---|---|---|---|
| 82 papers | 1,281 citations | 19 h-index | 33 g-index |
| 86 ext. papers | 1,566 ext. citations | 4 avg, IF | 5.41 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 82 | Nanomedicine: An effective tool in cancer therapy. *International Journal of Pharmaceutics*, **2018**, 540, 132-149 | 6.5 | 143 |
| 81 | Nanomaterials-based enzyme electrochemical biosensors operating through inhibition for biosensing applications. *Biosensors and Bioelectronics*, **2017**, 89, 886-898 | 11.8 | 133 |
| 80 | UPLC versus HPLC on Drug Analysis: Advantageous, Applications and Their Validation Parameters. *Chromatographia*, **2013**, 76, 1365-1427 | 2.1 | 90 |
| 79 | 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 |
| 78 | The Role of Electrochemical Immunosensors in Clinical Analysis. *Biosensors*, **2019**, 9, | 5.9 | 75 |
| 77 | Iridium oxide nanoparticle induced dual catalytic/inhibition based detection of phenol and pesticide compounds. *Journal of Materials Chemistry B*, **2014**, 2, 2233-2239 | 7.3 | 42 |
| 76 | Frontiers in electrochemical enzyme based biosensors for food and drug analysis. *TrAC - Trends in Analytical Chemistry*, **2020**, 124, 115809 | 14.6 | 41 |
| 75 | 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 |
| 74 | Advances in electrochemical DNA biosensors and their interaction mechanism with pharmaceuticals. *Journal of Electroanalytical Chemistry*, **2016**, 775, 8-26 | 4.1 | 37 |
| 73 | 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 |
| 72 | Antithyroid drug detection using an enzyme cascade blocking in a nanoparticle-based lab-on-a-chip system. *Biosensors and Bioelectronics*, **2015**, 67, 670-6 | 11.8 | 32 |
| 71 | 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 |
| 70 | Electrochemical investigation of an interaction of the antidepressant drug aripiprazole with original and damaged calf thymus dsDNA. *Electrochimica Acta*, **2015**, 169, 233-240 | 6.7 | 28 |
| 69 | Electrochemical Investigations of the Anticancer Drug Idarubicin Using Multiwalled Carbon Nanotubes Modified Glassy Carbon and Pyrolytic Graphite Electrodes. *Electroanalysis*, **2013**, 25, 1473-1482 | 3 | 25 |
| 68 | 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 |
| 67 | Electrochemical MIP-Sensors for Drugs. *Current Medicinal Chemistry*, **2018**, 25, 4007-4019 | 4.3 | 20 |
| 66 | Electrochemical glucose biosensing via new generation DTP type conducting polymers/gold nanoparticles/glucose oxidase modified electrodes. *Journal of Electroanalytical Chemistry*, **2016**, 770, 90-97 | 4.1 | 20 |

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| 65 | 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 |
| 64 | Simple and robust: The claims of protein sensing by molecularly imprinted polymers. *Sensors and Actuators B: Chemical*, **2021**, 330, 129369 | 8.5 | 19 |
| 63 | Electrochemical MIP Sensor for Butyrylcholinesterase. *Polymers*, **2019**, 11, | 4.5 | 19 |
| 62 | Electrochemical mechanism and sensitive assay of antiretroviral drug Abacavir in biological sample using multiwalled carbon nanotube modified pyrolytic graphite electrode. *Journal of Electroanalytical Chemistry*, **2014**, 712, 178-184 | 4.1 | 18 |
| 61 | 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 |
| 60 | Fabrication of poly(3,4-ethylenedioxythiophene)-iridium oxide nanocomposite based Tyrosinase biosensor for the dual detection of catechol and azinphos methyl. *Sensors and Actuators B: Chemical*, **2020**, 316, 128121 | 8.5 | 17 |
| 59 | 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 |
| 58 | Latest trends for biogenic amines detection in foods: Enzymatic biosensors and nanozymes applications. *Trends in Food Science and Technology*, **2021**, 112, 75-87 | 15.3 | 15 |
| 57 | Stability-Indicating UPLC Method for the Determination of Bisoprolol Fumarate and Hydrochlorothiazide: Application to Dosage Forms and Biological Sample. *Chromatographia*, **2014**, 77, 365-371 | 2.1 | 14 |
| 56 | 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 |
| 55 | 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 |
| 54 | 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 |
| 53 | Amperometric Flow Injection Analysis of Glucose and Galactose Based on Engineered Pyranose 2-Oxidases and Osmium Polymers for Biosensor Applications. *Electroanalysis*, **2018**, 30, 1496-1504 | 3 | 12 |
| 52 | Recent developments on electrochemical flow injection in pharmaceuticals and biologically important compounds. *Electrochimica Acta*, **2018**, 287, 135-148 | 6.7 | 12 |
| 51 | Simultaneous estimation and validation of some binary mixtures of antihypertensive drugs by RP-LC methods using two new generation silica columns. *Journal of Pharmaceutical and Biomedical Analysis*, **2013**, 72, 198-201 | 3.5 | 12 |
| 50 | 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 |
| 49 | Carbon-based ruthenium nanomaterial-based electroanalytical sensors for the detection of anticancer drug Idarubicin. *Scientific Reports*, **2020**, 10, 11057 | 4.9 | 10 |
| 48 | Electrochemical DNA Biosensors in Drug Analysis. *Current Pharmaceutical Analysis*, **2017**, 13, 195-207 | 0.6 | 9 |

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| 47 | 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 |
| 46 | Simultaneous determination and validation of some binary mixtures of antihypertensive drugs using ratio derivative spectrophotometric method. *Journal of Analytical Chemistry*, **2014**, 69, 935-941 | 1.1 | 8 |
| 45 | Nanomaterials for Drug Delivery Systems **2019**, 273-301 | | 7 |
| 44 | DEVELOPMENT AND VALIDATION OF A STABILITY-INDICATING RP-LC METHOD FOR THE DETERMINATION OF ANTICANCER DRUG EPIRUBICIN IN PHARMACEUTICALS. *Journal of Liquid Chromatography and Related Technologies*, **2014**, 37, 1583-1596 | 1.3 | 7 |
| 43 | 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 |
| 42 | Electrochemical Determination of Non-Steroidal Anti-Inflammatory Drugs. *Current Analytical Chemistry*, **2019**, 15, 485-501 | 1.7 | 6 |
| 41 | Chemically Modified Electrodes in Electrochemical Drug Analysis. *Current Pharmaceutical Analysis*, **2020**, 16, 641-660 | 0.6 | 6 |
| 40 | Simultaneous Determination and Drug Dissolution Testing of Combined Amlodipine Tablet Formulations Using RP-LC. *Chromatographia*, **2016**, 79, 1143-1151 | 2.1 | 6 |
| 39 | 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 |
| 38 | Graphene-Gold Nanoparticles Nanozyme-Based Electrochemical Sensor with Enhanced Laccase-Like Activity for Determination of Phenolic Substrates. *Journal of the Electrochemical Society*, **2021**, 168, 067523 | 3.9 | 5 |
| 37 | A Sensitive and Selective RP-LC Method for the Simultaneous Determination of the Antihypertensive Drugs, Enalapril, Lercanidipine, Nitrendipine and Their Validation. *Chromatographia*, **2013**, 76, 1477-1485 | 2.1 | 4 |
| 36 | Carbon-based nanostructures for electrochemical analysis of oral medicines **2017**, 885-938 | | 4 |
| 35 | Modern Assay Techniques for Cancer Drugs: Electroanalytical and Liquid Chromatography Methods. *Critical Reviews in Analytical Chemistry*, **2019**, 49, 306-323 | 5.2 | 4 |
| 34 | Introduction to Nanosensors **2019**, 1-46 | | 3 |
| 33 | The Effect of Nanomaterials on the Drug Analysis Performance of Nanosensors **2019**, 79-118 | | 3 |
| 32 | Chemical Nanosensors in Pharmaceutical Analysis **2019**, 141-170 | | 3 |
| 31 | Analysis of diterpenes and diterpenoids **2020**, 313-345 | | 3 |
| 30 | Nanobiodevices for electrochemical biosensing of pharmaceuticals **2018**, 291-330 | | 3 |

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| 29 | A New Amperometric Biosensor for Diamine: Use of a Conducting Polymer Layer. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2013**, 50, 914-922 | 2.2 | 3 |
| 28 | Electrochemical Analysis of Antipsychotics. *Current Pharmaceutical Analysis*, **2019**, 15, 413-428 | 0.6 | 3 |
| 27 | 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 |
| 26 | Multi-Purpose electrochemical tyrosinase nanobiosensor based on poly (3,4 ethylenedioxythiophene) nanoparticles decorated graphene quantum dots: Applications to hormone drugs analyses and inhibition studies. *Sensors and Actuators B: Chemical*, **2021**, 343, 130164 | 8.5 | 3 |
| 25 | Molecularly Imprinted Polymer-Based Nanosensors for Pharmaceutical Analysis **2019**, 231-271 | | 2 |
| 24 | Validation of Analytical Methods for the Assessment of Hazards in Food **2018**, 59-90 | | 2 |
| 23 | Current perspectives on drug release studies from polymeric nanoparticles **2018**, 101-145 | | 2 |
| 22 | LC-MS Method for the Sensitive Determination of Metoclopramide: Application to Rabbit Plasma, Gel Formulations and Pharmaceuticals. *Chromatographia*, **2014**, 77, 99-107 | 2.1 | 2 |
| 21 | 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 |
| 20 | Electrochemical Analysis for Pharmaceuticals by the Advantages of Metal Oxide Nanomaterials. *Current Analytical Chemistry*, **2021**, 17, 1322-1339 | 1.7 | 2 |
| 19 | 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 |
| 18 | Basics of Electrochemical Sensors. *Engineering Materials*, **2022**, 81-99 | 0.4 | 2 |
| 17 | Photoelectrochemical Nanosensors **2019**, 197-229 | | 1 |
| 16 | Fortification of Functional and Medicinal Beverages With Botanical Products and Their Analysis **2019**, 351-404 | | 1 |
| 15 | Diffusion, Adsorption and Electrode Kinetics of Electro-oxidatons on a Stationary Solid Electrode. *Electroanalysis*, **2016**, 28, 2947-2955 | 3 | 1 |
| 14 | Simultaneous Determination of Hydrochlorothiazide and Irbesartan from Pharmaceutical Dosage Forms with RP-HPLC. *Turkish Journal of Pharmaceutical Sciences*, **2020**, 17, 523-527 | 1.1 | 1 |
| 13 | 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 |
| 12 | Enzyme-based electrochemical nanobiosensors using quantum dots **2021**, 307-339 | | 1 |

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| 11 | Future prospects and concluding remarks for electroanalytical applications of quantum dots **2021**, 427-450 | | 1 |
| 10 | Phosphodiesterase-3 Enzyme Inhibitor Drug Milrinone Interaction with DNA and HSA: Electrochemical, Spectroscopic and Molecular Docking. *Journal of the Electrochemical Society*, **2022**, 169, 027521 | 3.9 | 1 |
| 9 | Evaluation of the Interaction of Cinacalcet with Calf Thymus dsDNA: Use of Electrochemical, Spectrofluorimetric, and Molecular Docking Methods. *Biosensors*, **2022**, 12, 278 | 5.9 | 1 |
| 8 | Molecularly Imprinted Polymer-Based Sensors for SARS-CoV-2: Where Are We Now?. *Biomimetics*, **2022**, 7, 58 | 3.7 | 1 |
| 7 | Understanding electrooxidation mechanism of anticancer drugs utilizing ultrafast pump probe spectroscopy. *Journal of Molecular Structure*, **2022**, 1262, 133071 | 3.4 | 0 |
| 6 | Current Analytical Techniques and Applications in Pharmaceutical Analysis Volume I *Current Analytical Chemistry*, **2019**, 15, 184-185 | 1.7 | |
| 5 | Current Analytical Techniques and Applications in Pharmaceutical Analysis Volume II *Current Analytical Chemistry*, **2019**, 15, 322-323 | 1.7 | |
| 4 | Revisiting Pharmaceutical Analysis in the Light of New Technologies - Volume II. *Current Analytical Chemistry*, **2021**, 17, 1213-1214 | 1.7 | |
| 3 | Quantum dot-based electrochemical molecularly imprinted polymer sensors: potentials and challenges **2021**, 121-153 | | |
| 2 | Quantum dots: Synthesis and characterizations **2021**, 1-35 | | |
| 1 | Polymeric Nanofibers as Electrodes for Sensors. *Engineering Materials*, **2022**, 399-413 | 0.4 | |