S Irem Kaya

List of Publications by Citations

19 papers	148 citations	8 h-index	11 g-index
23 ext. papers	268 ext. citations	4 avg, IF	3.83 L-index

#	Paper	IF	Citations
19	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
18	Electrochemical virus detections with nanobiosensors **2020**, 303-326		20
17	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
16	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
15	Recent advances of enzyme biosensors for pesticide detection in foods. *Journal of Food Measurement and Characterization*, **2021**, 15, 4582-4595	2.8	11
14	Carbon-based ruthenium nanomaterial-based electroanalytical sensors for the detection of anticancer drug Idarubicin. *Scientific Reports*, **2020**, 10, 11057	4.9	10
13	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
12	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
11	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
10	Chemically Modified Electrodes in Electrochemical Drug Analysis. *Current Pharmaceutical Analysis*, **2020**, 16, 641-660	0.6	6
9	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
8	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
7	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
6	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
5	Carbon Nanomaterial-Based Drug Sensing Platforms Using State-of-the-Art Electroanalytical Techniques. *Current Analytical Chemistry*, **2020**, 16,	1.7	1
4	Nanotechnological approaches and materials in commercial biosensors **2020**, 301-353		1
3	Electrochemical Sensing of Anticancer Drug Using New Electrocatalytic Approach. *Topics in Catalysis*,1	2.3	0

2	Basics of electroanalytical methods and their applications with quantum dot sensors **2021**, 37-80	0
1	The Power of Carbon Nanotubes on Sensitive Drug Determination Methods. *Critical Reviews in Analytical Chemistry*, **2021**, 1-10	5.2