CITATION REPORT List of articles citing

Cyanazine herbicide monitoring as a hazardous substance by a DNA nanostructure biosensor

DOI: 10.1016/j.jhazmat.2021.127058 Journal of Hazardous Materials, 2022, 423, 127058.

Source: https://exaly.com/paper-pdf/82593241/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
234	Utilization of a double-cross-linked amino-functionalized three-dimensional graphene networks as a monolithic adsorbent for methyl orange removal: Equilibrium, kinetics, thermodynamics and artificial neural network modeling. 2021 , 207, 112156		18
233	High-performance carbon black electrode for oxygen reduction reaction and oxidation of atrazine by electro-Fenton process. 2022 , 287, 132370		7
232	A comprehensive review on MXenes as new nanomaterials for degradation of hazardous pollutants: Deployment as heterogeneous sonocatalysis. 2022 , 287, 132387		5
231	Simple sonochemical synthesis of flake-ball shaped bismuth vanadate for voltammetric detection of furazolidone. 2021 , 895, 162315		4
230	Conductive Hydrogel-Based Electrochemical Sensor: A Soft Platform for Capturing Analyte. 2021 , 9, 28	32	3
229	A stable naked-eye colorimetric sensor for monitoring release of extracellular gamma-aminobutyric acid (GABA) neurotransmitter from SH-SY5Y cells. 2021 , 267, 120517		0
228	Theoretical Insights into the NH3 Decomposition Mechanism on the Cu- and Pt- Embedded Graphene Surfaces: A DFT Approach. 2021 , 10, 101008		5
227	A novel, sensitive and selective nanosensor based on graphene nanoribbonlobalt ferrite nanocomposite and 1-methyl-3-butylimidazolium bromide for detection of vanillin in real food samples. 2022 , 16, 523		8
226	Coloring effect of iron oxide content on ceramic glazes and their comparison with the similar waste containing materials. 2021 ,		1
225	Glucose nano biosensor with non-enzymatic excellent sensitivity prepared with nickel-cobalt nanocomposites on f-MWCNT. 2021 , 291, 132720		4
224	A novel bio-solid phase extractor for preconcentrations of Hg and Sn in food samples. 2021 , 112231		1
223	A sensitive, fast, selective, and reusable enzyme-free glucose sensor based on monodisperse AuNi alloy nanoparticles on activated carbon support. 2021 , 291, 132718		4
222	Metformin functionalized dendritic fibrous nanosilica (KCC-1-nPr-Met) as an innovative and green nanocatalyst for the efficient synthesis of tetrahydro-4H-chromene derivatives. 2021 , e2943		
221	Simultaneous improvements in antibacterial and flame retardant properties of PET by use of bio-nanotechnology for fabrication of high performance PET bionanocomposites. 2021 , 206, 112281		3
220	Sensitive and Selective Electrochemical Detection of Epirubicin as Anticancer Drug Based on Nickel Ferrite Decorated with Gold Nanoparticles. 2021 , 12,		28
219	Co-detection of carmoisine and tartrazine by carbon paste electrode modified with ionic liquid and MoO3/WO3 nanocomposite. 1		18
218	A global systematic review on the concentration of organophosphate esters in water resources: Meta-analysis, and probabilistic risk assessment. 2021 , 807, 150876		3

217	Arum italicum mediated silver nanoparticles: Synthesis and investigation of some biochemical parameters. 2022 , 204, 112347	8
216	An electrochemical molecularly imprinted sensor based on CuBiO/rGO@MoS nanocomposite and its utilization for highly selective and sensitive for linagliptin assay. 2021 , 291, 132807	24
215	Monitoring of atropine anticholinergic drug using voltammetric sensor amplified with NiO@Pt/SWCNTs and ionic liquid. 2021 , 289, 133114	2
214	An effective natural mineral-catalyzed heterogeneous electro-Fenton method for degradation of an antineoplastic drug: Modeling by a neural network. 2021 , 291, 132810	1
213	Electrochemical determination of epirubicin in the presence of topotecan as essential anti-cancer compounds using paste electrode amplified with Pt/SWCNT nanocomposite and a deep eutectic solvent. 2021 , 289, 133060	1
212	Effect of process parameters over carbon-based ZIF-62 nano-rooted membrane for environmental pollutants separation. 2021 , 133006	10
211	Polyaniline-Manganese Ferrite Supported Platinum R uthenium Nanohybrid Electrocatalyst: Synergizing Tailoring Toward Boosted Ethanol Oxidation Reaction. 1	6
210	Fabrication of a sensitive sensor for determination of xanthine in the presence of uric acid and ascorbic acid by modifying a carbon paste sensor with Fe3O4@Au coreBhell and an ionic liquid. 1	3
209	Green synthesis of kudzu vine biochar decorated graphene-like MoSe with the oxidase-like activity as intelligent nanozyme sensing platform for hesperetin. 2021 , 289, 133116	3
208	Size-dependent chemosensitization of doxorubicin-loaded polymeric nanoparticles for malignant glioma chemotherapy. 2021 ,	3
207	MXene-based electrochemical sensors for detection of environmental pollutants: A comprehensive review. 2021 , 132921	10
206	Screen-Printed Electrode Surface Modification with NiCoO/RGO Nanocomposite for Hydroxylamine Detection 2021 , 11,	22
205	Dual enzymes-mimic activity of nanolayered manganese-calcium oxide for fluorometric determination of metformin. 2021 , 291, 133063	4
204	A green and sensitive guanine-based DNA biosensor for idarubicin anticancer monitoring in biological samples: A simple and fast strategy for control of health quality in chemotherapy procedure confirmed by docking investigation. 2021 , 132928	82
203	Characterization of Rheum ribes with ZnO nanoparticle and its antidiabetic, antibacterial, DNA damage prevention and lipid peroxidation prevention activity of in vitro. 2022 , 204, 112363	10
202	Voltammetric sensor based on bimetallic nanocomposite for determination of favipiravir as an antiviral drug. 2021 , 188, 434	7
201	Three-dimensional porous reduced graphene oxide decorated with carbon quantum dots and platinum nanoparticles for highly selective determination of azo dye compound tartrazine. 2021 , 158, 112698	45
200	Low-temperature synthesis of hetero-structures of magnetically separable iron oxide@Au-rGO nanocomposite for efficient degradation of organic dye under visible light irradiation. 2021 , 205, 112510	3

199	Identification of heavy metal ions from aqueous environment through gold, Silver and Copper Nanoparticles: An excellent colorimetric approach. 2021 , 205, 112475	12
198	Adsorption characteristics of paracetamol removal onto activated carbon prepared from Cannabis sativum Hemp. 2022 , 61, 7203-7203	1
197	Recent Progression of Flower Like ZnSe@MoSe2 Designed as an Electrocatalyst for Enhanced Supercapacitor Performance. 1	О
196	An Electrochemiluminescence Biosensor for the Detection of AlzheimerN Tau Protein Based on Gold Nanostar Decorated Carbon Nitride Nanosheets 2022 , 27,	4
195	The Application of Electrochemical Oscillation Methods for Identification of Traditional Chinese Medicine Materials. 2022 , 12, 616	O
194	Architecting of an aptasensor for the staphylococcus aureus analysis by modification of the screen-printed carbon electrode with aptamer/Ag-Cs-Gr QDs/NTiO 2022 , 293, 133597	3
193	The protective effect of natural phenolic compound on the functional and structural responses of inhibited catalase by a common azo food dye 2021 , 160, 112801	1
192	A sensitive electrochemical sensor amplified with ionic liquid and N-CQD/Fe3O4 nanoparticles for detection of raloxifene in the presence of tamoxifen as two essentials anticancer drugs. 2022 , 278, 125658	2
191	Electrochemical sensor based on cerium niobium oxide nanoparticles modified electrode for sensing of environmental toxicity in water samples. 2022 , 637, 128277	0
190	Congo red dye removal from aqueous environment by cationic surfactant modified-biomass derived carbon: Equilibrium, kinetic, and thermodynamic modeling, and forecasting via artificial neural network approach 2021 , 290, 133346	37
189	A theoretical and experimental study of polyaniline/GCE and DNA G-quadruplex conformation as an impedimetric biosensor for the determination of potassium ions 2021 , 133460	0
188	Construction and application of a novel electrochemical sensor for trace determination of uranium based on ion-imprinted polymers modified glassy carbon electrode 2021 , 292, 133435	1
187	Ultrasensitive electrochemical detection of furazolidone in biological samples using 1D-2D BiVO@MoS hierarchical nano-heterojunction composites armed electrodes 2021 , 205, 112515	1
186	Enzymeless voltammetric sensor for simultaneous determination of parathion and paraoxon based on Nd-based metal-organic framework 2021 , 292, 133440	5
185	Biosynthesis of Ag-Pt bimetallic nanoparticles using propolis extract: Antibacterial effects and catalytic activity on NaBH hydrolysis 2021 , 206, 112622	8
184	Reduce Graphene Oxide/Fe3O4 Nanocomposite Biosynthesized by Sour Lemon Peel; Using as Electro-catalyst for Fabrication of Vanillin Electrochemical Sensor in Food Products Analysis and Anticancer Activity. 1	2
183	Electroanalytical Monitoring of Glutathione in Biological Fluids Using Novel Pt/SWCNTs-Ionic Liquid Amplified Sensor. 1	3
182	Novel Composite Films Based on Acrylic Fibers Waste/Nano-chitosan for Congo Red Adsorption. 1	O

181	The Determination of Timolol Maleate Using Silver/Tannic Acid/Titanium Oxide Nanocomposite as an Electrochemical Sensor in Real Samples.	1
180	Silica Nanochannel Array Film Supported by -Cyclodextrin-Functionalized Graphene Modified Gold Film Electrode for Sensitive and Direct Electroanalysis of Acetaminophen 2021 , 9, 812086	3
179	Electrochemical Sensing of Anticancer Drug Using New Electrocatalytic Approach. 1	O
178	Electrochemical Sensors and Biosensors for the Analysis of Tea Components: A Bibliometric Review 2021 , 9, 818461	1
177	Ultraviolet and Infrared Irradiations Sensing of Gel-Orange Dye Composite-Based Flexible Electrochemical Cells 2022 , 8,	
176	Metal-organic framework-based sensors for nitrite detection: a short review. 2022 , 16, 1572	3
175	Zinc-chromium layered double hydroxides anchored on carbon nanotube and biochar for ultrasound-assisted photocatalysis of rifampicin 2021 , 82, 105875	2
174	Synthesis of Peroxidase-Like V2O5 Nanoparticles for Dye Removal from Aqueous Solutions. 1	1
173	Construction of Electrochemical Aptamer Sensor Based on Pt-Coordinated Titanium-Based Porphyrin MOF for Thrombin Detection 2021 , 9, 812983	2
172	Synthesis and Characterization of GO/ZIF-67 Nanocomposite: Investigation of Catalytic Activity for the Determination of Epinine in the Presence of Dobutamine 2022 , 13,	12
171	An Electrochemical Sensor for Quantitation of the Oral Health Care Agent Chlorogenic Acid Based on Bimetallic Nanowires with Functionalized Reduced Graphene Oxide Nanohybrids 2022 , 7, 4614-4623	O
170	A sensitive colori/fluorimetric nanoprobe for detection of polyphenols using peroxidase-mimic plasma-modified MoO nanoparticles 2022 , 295, 133747	2
169	Recent advances in Ponceau dyes monitoring as food colorant substances by electrochemical sensors and developed procedures for their removal from real samples 2022 , 161, 112830	32
168	Amplified electrochemical sensor employing screen-printed electrode modified with Ni-ZIF-67 nanocomposite for high sensitive analysis of Sudan I in present bisphenol A 2022 , 161, 112824	15
167	Dual-response electrochemical electrode for sensitive monitoring of topotecan and mitomycin as anticancer drugs in real samples. 2021 , 291, 132809	1
166	Degradation of toxic agrochemicals and pharmaceutical pollutants: Effective and alternative approaches toward photocatalysis 2022 , 298, 118844	5
165	An environmental approach for the photodegradation of toxic pollutants from wastewater using Pt-Pd nanoparticles: Antioxidant, antibacterial and lipid peroxidation inhibition applications 2022 , 208, 112708	7
164	Carbon nanomaterials and its applications in pharmaceuticals: A brief review 2022 , 294, 133731	5

163	Preparation of highly sensitive electrochemical sensor for detection of nitrite in drinking water samples 2022 , 112747	1
162	Green application of trimetallic nickel-cobalt-molybdenum nanocomposites on 3D graphene oxide as a powerful electrocatalyst for hydrogen evolution reaction 2022 , 133670	Ο
161	Different metal-doped ZnS quantum dots photocatalysts for enhancing the permeability and antifouling performances of polysulfone membranes with and without UV irradiation 2022 , 294, 133705	3
160	Boosting the electrocatalytic activity of ZrO2/MWCNT supported PdPt bi-metallic electrocatalyst towards ethanol oxidation reaction by electrochemical activation process and modeling by artificial network approach. 2022,	4
159	Simultaneous detection of carmoisine and tartrazine in food samples using GO-FeO-PAMAM and ionic liquid based electrochemical sensor 2022 , 162, 112864	9
158	Monitoring of Promazine in Injection and Dextrose Saline Samples Using Electrochemical Tool Based on Amplified Nanostructure Sensor. 1	O
157	Electrochemical quantification of mancozeb through tungsten oxide/reduced graphene oxide nanocomposite: A potential method for environmental remediation 2022 , 112843	21
156	Ultrasensitive and highly selective "turn-on" fluorescent sensor for the detection and measurement of melatonin in juice samples 2022 , 295, 133869	1
155	A precise electrochemical sensor based on Sm2O3/2D TiC hybrid for highly sensitive and selective detection of antihypertensive drug nimodipine. 2022 , 641, 128531	1
154	Highly sensitive voltammetric determination of NADH based on N-CQDs decorated SnO/ionic liquid/carbon paste electrode 2021 ,	1
153	Monitoring of Butylated Hydroxyanisole in Food and Wastewater Samples Using Electroanalytical Two-Fold Amplified Sensor. 2022 , 14, 2169	1
152	Recent Trends in Biosensors for Environmental Quality Monitoring 2022 , 22,	2
151	Enhanced photooxidative desulphurization of dibenzothiophene over fibrous silica tantalum: Influence of metal-disturbance electronic band structure. 2022 ,	0
150	Nanochemistry approach for the fabrication of Fe and N co-decorated biomass-derived activated carbon frameworks: a promising oxygen reduction reaction electrocatalyst in neutral media. 1	25
149	An electrochemical sensor for caffeine at a carbon nanofiber modified glassy carbon electrode. 1	0
148	Determination of Lorazepam Using the Electrocatalytic Effect of NiO/SWCNTs Modified Carbon Paste Electrode as a Powerful Sensor. 1	O
147	Effect of g-C3N4 amount on green synthesized GdFeO3/g-C3N4 nanocomposites as promising compounds for solid-state hydrogen storage. 2022 ,	1
146	A zinc oxide nanorods/molybdenum disulfide nanosheets hybrid as a sensitive and reusable electrochemical sensor for determination of anti-retroviral agent indinavir 2022 , 134430	Ο

145	Fast and Unique Electrochemical Sensor Amplified with MgO/CNTs and Ionic Liquid for Monitoring of Isuprel in Pharmaceutical and Biological Fluid Samples. 1	1
144	Monitoring of Bisphenol A in water and soft drink products using electrochemical sensor amplified with TiO2-SWCNTs and ionic liquid. 1	3
143	E.Co.Tech-electrochemical handheld breathalyzer COVID sensing technology 2022 , 12, 4370	O
142	Nanomaterials: An alternative source for biodegradation of toxic dyes 2022 , 112996	5
141	Interaction of bovine serum albumin with ellagic acid and urolithins A and B: Insights from surface plasmon resonance, fluorescence, and molecular docking techniques 2022 , 162, 112913	1
140	Electrochemical neuron-specific enolase (NSE) immunosensor based on CoFeO@Ag nanocomposite and AuNPs@MoS/rGO 2022 , 1200, 339609	10
139	Synthesis of Au or Ag/Cu2O/ aluminum doped zinc oxide nanorods hybrid electrode for high sensitive non-enzymatic glucose sensor: Mechanism investigation of formation and surface plasmon resonance. 2022 , 282, 125924	1
138	Disposable stochastic sensors for fast analysis of ibuprofen, ketoprofen, and flurbiprofen in their topical pharmaceutical formulations 2022 , 215, 114758	O
137	A novel fluorescence sensor based on a tripodal carboxylic acid for detection and measurement of Cu in tomato: Experimental and computational studies 2022 , 112964	O
136	Heterostructures of mixed metal oxides (ZnMnO3/ZnO) synthesized by a wet-chemical approach and their application for the electrochemical detection of the drug chlorpromazine. 2022 , 236, 109822	O
135	Emerging optical and electrochemical biosensing approaches for detection of ciprofloxacin residues in food and environment samples: A comprehensive overview. 2022 , 354, 118895	О
134	Fast screening method for early diagnostic of gastric cancer based on utilization of a chitosan - S-doped graphene - based needle stochastic sensors 2022 , 214, 114725	1
133	Electrochemical detection of Sudan red series azo dyes: Bibliometrics based analysis 2022, 112960	7
132	Recent advantages in electrochemical monitoring for the analysis of amaranth and carminic acid food colors 2022 , 112929	6
131	Graphite carbon nitride-modified screen-printed electrode as a highly sensitive and selective sensor for detection of amaranth 2022 , 163, 112962	1
130	A novel paraoxon imprinted electrochemical sensor based on MoSNPs@MWCNTs and its application to tap water samples 2022 , 163, 112994	4
129	Fabrication of a sensitive sensor for electrochemical detection of diltiazem in presence of methyldopa 2022 , 134170	1
128	A state-of-the-art review on the nanomaterial-based sensor for detection of venlafaxine 2022 , 134116	1

127	Magnetic-MXene-based nanocomposites for water and wastewater treatment: A review. 2022 , 47, 102696	7
126	Graphene-based electrochemical sensors for antibiotic detection in water, food and soil: A scientometric analysis in CiteSpace (2011-2021) 2022 , 297, 134127	12
125	Development of electrochemical aptasensors detecting phosphate ions on TMB substrate with epoxy-based mesoporous silica nanoparticles 2022 , 134077	1
124	Treatment of aquatic medium containing common and emerging contaminants using an aero-electrochemical process based on graphite cathode and three metal oxides alloy as anode: Central composite design and photo/sono-enhancement 2022 , 134129	1
123	A mixed agro-waste based biofilter for the removal of methyl ethyl ketone: Kinetics and modeling. 2022 , 162, 83-96	0
122	Synthesis of magnesium nanocomposites decked with multilayer graphene (MG) and its application for the adsorptive removal of pollutant 2022 , 134121	1
121	Sulfonated calixarene modified Poly(methyl methacrylate) nanoparticles: A promising adsorbent for Removal of Vanadium Ions from aqueous media 2022 , 299, 134459	1
120	Design of Co-Sn bimetallic nanoalloys as electrocatalyst for alkaline methanol oxidation reaction: Exploring the effect of electroactivation process. 2022 , 319, 123727	O
119	Electrospun Ag-decorated reduced GO-graft-chitosan composite nanofibers with visible light photocatalytic activity for antibacterial performance 2022 , 134436	3
118	Development of lab-on-chip biosensor for the detection of toxic heavy metals: A review 2022 , 134427	1
117	Biodiesel production from waste cooking oil using heterogeneous nanocatalyst-based magnetic polyaniline decorated with cobalt oxide. 2022 , 319, 123858	4
116	Removal of pharmaceuticals (diclofenac and amoxicillin) by maltodextrin/reduced graphene and maltodextrin/reduced graphene/copper oxide nanocomposites 2022 , 299, 134435	1
115	Magnetic nanoparticles based on cerium MOF supported on the MWCNT as a fluorescence quenching sensor for determination of 6-mercaptopurine 2022 , 305, 119230	3
114	Recent trends in layered double hydroxides based electrochemical and optical (bio)sensors for screening of emerging pharmaceutical compounds 2022 , 211, 113068	2
113	Can Electrochemical Sensors Be Used for Identification and Phylogenetic Studies in Lamiaceae?. 2021 , 21,	4
112	Ultrasensitive electrochemical sensor for detection of rutin antioxidant by layered TiAlCuC MAX phase 2022 , 113016	1
111	Investigation of T site variation in spinel aluminates TAl2O4 (T= Mg, Zn & Cu), and formation of electrocatalyst CuAl2O4/carbon for efficient sensing application 2022 , 134458	О
110	Lotus seedpods biochar decorated molybdenum disulfide for portable, flexible, outdoor and inexpensive sensing of hyperin 2022 , 134595	O

109	An applicable method for extraction of whole seeds protein and its determination through Bradford method 2022 , 113053	3
108	Advances in preparation, mechanism and applications of various carbon materials in environmental applications: A review 2022 , 134596	2
107	Decorated ZrO2 by Au nanoparticles as a potential nanocatalyst for the reduction of organic dyes in water. 2022 , 109489	1
106	Electrochemical layered double hydroxide (LDH)-based biosensors for pesticides detection in food and environment samples: A review of status and prospects 2022 , 113010	Ο
105	Boron carbon nitride nanosheets in water and wastewater treatment: A critical review. 2022 , 533, 115782	1
104	An improved electrochemical sensor based on triton X-100 functionalized SnO nanoparticles for ultrasensitive determination of cadmium 2022 , 134634	1
103	Application of N,S-dual-doped carbon/sepiolite clay hybrid material for electrochemical detection of mercury(II) in water resources. 2022 , 285, 126127	O
102	Relationship between graphene and pedosphere: A scientometric analysis 2022 , 300, 134599	4
101	Electrochemical tau protein immunosensor based on MnS/GO/PANI and magnetite-incorporated gold nanoparticles.	2
100	Evaluation of Antioxidants Using Electrochemical Sensors: A Bibliometric Analysis 2022 , 22,	4
99	Advancement in electrochemical strategies for quantification of Brown HT and Carmoisine (Acid Red 14) From Azo Dyestuff class 2022 , 165, 113075	0
98	Electrochemical sensors based on carbon nanostructures for the analysis of bisphenol A-A review 2022 , 165, 113074	O
97	Highly Sensitive Detection of Carcinoembryonic Antigen via an Electrochemical Platform Fabricated by AuNPs/Streptavidin/Reduced Graphene Oxide. 10,	0
96	A non-enzymatic electrochemical hydrogen peroxide sensor based on copper oxide nanostructures. 13, 424-436	1
95	Arsenite (III) removal via manganese-decoration on cellulose nanocrystal -grafted polyethyleneimine nanocomposite 2022 , 134925	0
94	Design and Development of a Non-Enzymatic Electrochemical Biosensor for the Detection of Glutathione.	O
93	Fabrication of sensor based on polyvinyl alcohol functionalized tungsten oxide/reduced graphene oxide nanocomposite for electrochemical monitoring of 4-aminophenol 2022 , 113372	2
92	A reusable and sensitive electrochemical sensor for determination of Allura red in the presence of Tartrazine based on functionalized nanodiamond@SiO@TiO; an electrochemical and molecular docking investigation 2022 , 164, 113080	Ο

91	Application of carbon nanotubes in sensing/monitoring of pancreas and liver cancer 2022, 302, 134826	7
90	NiO/ZnO binary metal oxide based electrochemical sensor for the evaluation of hazardous flavonoid in biological and vegetable samples. 2022 , 647, 129077	O
89	Carbendazim imprinted electrochemical sensor based on CdMoO/g-CN nanocomposite: Application to fruit juice samples 2022 , 301, 134766	3
88	High energy supercapacitors based on functionalized carbon nanotubes: Effect of atomic oxygen doping via various radiation sources. 2022 , 324, 124497	O
87	Electrochemical detection of nicotine at a carbon Nanofiber-Poly(amidoamine) dendrimer modified glassy carbon electrode 2022 , 134961	1
86	DNA sensing technology a useful food scanning tool. 2022 , 116679	O
85	Structural and surface evolution of nanostructured Cu-Zn-Al catalyst designed by hybrid plasma-enhanced microwave-irradiated urea-nitrate-combustion for selective H2-production. 2022 , 135, 104367	О
84	The preparation of NiCo2O4 nanoboulders and their application in the electrochemical detection of ofloxacin drug. 2022 , 100054	O
83	MOF-based sensor platforms for rapid detection of pesticides to maintain food quality and safety. 2022 , 113176	1
82	Nanodiamond-derived carbon nano-onions decorated with silver nanodendrites as an effective sensing platform for methamphetamine detection. 2022 , 102061	O
81	Advances in Peripheral Nerve Injury Repair with the Application of Nanomaterials. 2022, 2022, 1-22	
80	Determination of active ingredients in antihypertensive drugs using a novel green HPLC method approach. 2022 , 303, 135053	
79	Electrochemical investigation of DNA-metal complex interactions and development of a highly sensitive electrochemical biosensor. 2022 , 652, 114738	0
78	Advances in Electrochemical Techniques for the Detection and Analysis of Genetically Modified Organisms: An Analysis Based on Bibliometrics. 2022 , 10, 194	5
77	Synthesis of fluorescent copper nanoparticles T(30)-base protection and its Mn2+ detection and temperature sensing. 1-8	
76	Hydrogen production via sodium borohydride hydrolysis catalyzed by cobalt ferrite anchored nitrogen-and sulfur co-doped graphene hybrid nanocatalyst: Artificial neural network modeling approach. 2022 ,	1
75	Ultrafast construction of 3D ultrathin NiCo-LDH@Cu heteronanosheet array by plasma magnetron sputtering for non-enzymatic glucose sensing in beverage and human serum. 2022 , 133399	
74	A brief review on the recent achievements in electrochemical detection of folic acid.	

73	Self assembled three dimensional ECu2V2O7 hierarchical flower decorated porous carbon: An efficient electrocatalyst for flutamide detection in biological and environmental samples. 2022 , 135203	1
72	Recent advances in electrochemical-based sensors amplified with carbon-based nanomaterials (CNMs) for sensing pharmaceutical and food pollutants. 2022 , 135182	2
71	Utilizing photosynthetic microbes in nanobiotechnology: Applications and perspectives. 2022, 156457	2
70	Bioprocessing of biowaste derived from food supply chain side-streams for extraction of value added bioproducts through biorefinery approach. 2022 , 165, 113184	O
69	Electrochemical monitoring of bisphenol-s through nanostructured tin oxide/Nafion/GCE: A solution to environmental pollution. 2022 , 303, 135170	1
68	State-of-the-art progress of metal-organic framework-based electrochemical and optical sensing platforms for determination of bisphenol A as an endocrine disruptor. 2022 , 212, 113536	Ο
67	Bio-green fabrication of bell pepper mediated silver nanoparticles: an efficient material for electrochemical sensing of arbutin in cosmetics.	0
66	Therapeutic Effect of Antihypertensive Drug on Diabetic Nephropathy: Functional and Structural Kidney Investigation. 2022 , 103353	
65	Cu2+ modified Zr-based metal organic framework-CTAB-graphene for sensitive electrochemical detection of sunset yellow. 2022 , 113250	О
64	Design, synthesis, and characterization of novel eco-friendly chitosan-AgIO3 bionanocomposite and study its antibacterial activity. 2022 , 12,	O
63	Advanced microplastic monitoring using Raman spectroscopy with a combination of nanostructure-based substrates.	О
62	Highly sensitive detection of Brucella in milk by cysteamine functionalized nanogold/4-Mercaptobenzoic acid electrochemical biosensor.	O
61	Synthesis of Tb3+ doped SrMoO4/SiO2 nanophosphor and its sensing properties for inorganic ions and tyrosine. 2022 , 107736	О
60	Polyoxometalates-graphene nanocomposites modified electrode for electro-sensing detection of Sudan I in food. 2022 , 166, 113222	Ο
59	Extraction techniques in food industry: Insights into process parameters and their optimization. 2022 , 166, 113207	О
58	Synthesis of copper nanoparticles from the aqueous extract of Cynodon dactylon and evaluation of its antimicrobial and photocatalytic properties. 2022 , 166, 113245	2
57	Enhanced electrochemical performance of in-situ synthesized Cu nanoparticle/C spheres composite for highly sensitive sensing of azathioprine immunosuppressive drug. 2022 , 242, 110079	O
56	Preparation and fabrication of porous-Fe2O3/carbon black nanocomposite: a portable electrochemical sensor for psychotropic drug detection in environmental samples. 2022 , 25, 100982	

55	Ionic liquid-hydrogel hybrid material for enhanced electron transfer and sensitivity towards electrochemical detection of methamphetamine. 2022 , 361, 119627	1
54	Recent advances in electrochemical sensor developments for detecting emerging pollutant in water environment. 2022 , 304, 135331	1
53	Direct utilization of radioactive irradiated graphite as a high-energy supercapacitor a promising electrode material. 2022 , 325, 124843	0
52	A novel 2-dimensional nanocomposite as a mediator for the determination of doxorubicin in biological samples. 2022 , 213, 113590	1
51	Graphdiyne applications in sensors: A bibliometric analysis and literature review. 2022 , 135720	2
50	Metal Drganic Framework Based Electrochemical Immunosensor for Label-Free Detection of Glial Fibrillary Acidic Protein as a Biomarker.	1
49	One-pot synthesis of graphene hydrogel/M (M: Cu, Co, Ni) nanocomposites as cathodes for electrochemical removal of rifampicin from polluted water. 2022 , 214, 113789	O
48	Phytotoxic effect of the insecticide imidacloprid in Phaseolus vulgaris L. plant and evaluation of its bioaccumulation and translocation by electrochemical methods. 2022 , 214, 113794	1
47	A bibliometric analysis of graphene in acetaminophen detection: Current status, development, and future directions. 2022 , 306, 135517	1
46	Existence of Ti3+ and dislocation on nanoporous CdOIIiO2 heterostructure applicable for degrading chlorophenol pollutant. 2022 , 214, 113889	O
45	A Systematic Review and Bibliometric Analysis of Flame-Retardant Rigid Polyurethane Foam from 1963 to 2021. 2022 , 14, 3011	1
44	Effective green electro-Fenton process induced by atomic hydrogen for rapid oxidation of organic pollutants over a highly active and reusable carbon based palladium nanocatalyst. 2022 , 602, 154325	1
43	Engineering of GO/MWCNT/RuO2 ternary aerogel for high-performance supercapacitor. 2022 , 329, 125398	1
42	An Electrochemical-Based Point-of-Care Testing Methodology for Uric Acid Measurement. 2022 , 2022, 1-6	O
41	Biomimetic syntheses of silver nanoparticles using A. ferruginea bark extracts and tenable approaches for developing anti-infectives. 2022 , 12, 2579-2594	
40	Solid[Iquid separation of V(V) from aqueous medium by 3-(2-hydroxy phenyl)-imino-1-phenyl butan-1-one Schiff base immobilized XAD-2 resin.	1
39	Electrosynthesis of ternary nonprecious Ni, Cu, Fe oxide nanostructure as efficient electrocatalyst for ethanol electro-oxidation: Design strategy and electrochemical performance. 2022 ,	1
38	Graphene-Based Surface-Enhanced Raman Scattering (SERS) Sensing: Bibliometrics Based Analysis and Review. 2022 , 10, 317	1

(2023-2022)

37	Recent trends on electrochemical determination of antibiotic Ciprofloxacin in biological fluids, pharmaceutical formulations, environmental resources and foodstuffs: Direct and indirect approaches. 2022 , 168, 113378	1
36	A scientometric study on application of electrochemical sensors for detection of pesticide using graphene-based electrode modifiers. 2022 , 307, 136069	O
35	Highly selective adsorption and lattice process of cesium by cubic cyanide-based functional materials. 2022 , 214, 114085	О
34	99mTc- Anionic dendrimer targeted vascular endothelial growth factor as a novel nano-radiotracer for in-vivo breast cancer imaging. 2022 , 128, 106085	1
33	Removal of micropollutants through bio-based materials as a transition to circular bioeconomy: Treatment processes involved, perspectives and bottlenecks. 2022 , 214, 114150	0
32	Comparison of performance of CuI/g-C3N4 nanocomposites synthesized on Ni-foam and graphitic substrates as suitable electrode materials for supercapacitors. 2023 , 331, 125683	1
31	Nanoparticles application on fuel production from biological resources: A review. 2023 , 331, 125682	0
30	Foliar application of lambda-cyhalothrin modulates root exudate profile and the rhizosphere bacteria community of dioecious Populus cathayana. 2022 , 313, 120123	Ο
29	Direct and selective determination of p-coumaric acid in food samples via layered Nb4AlC3-MAX phase. 2023 , 403, 134130	1
28	An Electrochemical Non-enzymatic Microsensor Modified by CuCo2O4 Nanoparticles for Glucose Sensing. 2022 , 1-1	O
27	Electrochemical Sensing of Favipiravir with an Innovative Water-Dispersible Molecularly Imprinted Polymer Based on the Bimetallic Metal-Organic Framework: Comparison of Morphological Effects. 2022 , 12, 769	0
26	Efficient lock-in CuO/WON heterostructures tailored for highly sensitive electrochemical detection of hazardous herbicide diuron in fruit juices and aqua region. 2022 , 132920	Ο
25	Highly efficient detection of Pb(II) ion in water by polypyrrole and metal-organic frame modify glassy carbon electrode. 2022 , 130, 109477	0
24	Electrochemical and spectroscopic evaluation of 6-MP and its interaction with carbon dots and dsDNA. 2023 , 184, 108159	Ο
23	Resistance measurement for monitoring bending cracks in steel fiber concrete beams test. 2022 ,	0
22	Application of the Clan4/Li2CoMn3O8//IL nanocomposite for design a sensitive electrochemical sensor inorder to detection of cetirizine, acetaminophen and phenylephrine in biological and pharmaceuticals samples. 2022, 114667	Ο
21	RSM process optimization of biodiesel production from rapeseed oil and waste corn oil in the presence of green and novel catalyst. 2022 , 12,	0
20	Low-cost voltammetric sensor based on reduced graphene oxide anchored on platinum nanoparticles for robust determination of Favipiravir in real samples. 2023 , 131, 109609	Ο

19	Hydrothermal Synthesis of MnO2/Reduced Graphene Oxide Composite for 4-Nitrophenol Sensing Applications. 2022 , 10, 219	O
18	Electrochemical Sensors Based on Flexible Laser-Induced Graphene for the Detection of Paraquat in Water. 2022 , 5, 17516-17525	O
17	Two dimensional (2D) materials and biomaterials for water desalination; structure, properties, and recent advances. 2022 , 114998	1
16	Fabrication of Electrochemical Sensor Based on Molecularly Imprinted Polymer/Zinc Oxide Nanoparticle-Nanocomposite (MIP/ZnO/CPE) for Determination of Cyanazine in Food Samples. ArticleID:2	21240
15	Ultrasensitive Electrochemical Sensor Based on SnO2 Anchored 3D Porous Reduced Graphene Oxide Nanostructure Produced via Sustainable Green Protocol for Subnanomolar Determination of Anti-Diabetic Drug, Repaglinide. 2023 , 11, 50	0
14	A Critical Review of Photo-Based Advanced Oxidation Processes to Pharmaceutical Degradation. 2023 , 13, 221	О
13	Biogenic platinum-based bimetallic nanoparticles: Synthesis, characterization, antimicrobial activity and hydrogen evolution. 2022 ,	О
12	A Synergistic Dual-Channel Sensor for Ultrasensitive Detection of Pseudomonas aeruginosa by DNA Nanostructure and G-Quadruplex. 2023 , 13, 24	O
11	Highly sensitive electrochemical sensor based on carbon paste electrode modified with graphene nanoribbon LoFe2O4@NiO and ionic liquid for azithromycin antibiotic monitoring in biological and pharmaceutical samples.	0
10	Simultaneous Electrochemical Detection of Cd2+ and Pb2+ Based on an MOF-Derived Carbon Composite Linked with Multiwalled Carbon Nanotubes.	1
9	Electrochemical sensing monitoring of blood lactic acid levels in sweat during exhaustive exercise. 2023 , 18, 100064	0
8	Application of Two-Dimensional MXene materials in sensors. 2023 , 228, 111867	О
7	Recent advances in isolation and detection of exosomal microRNAs related to AlzheimerN disease. 2023 , 227, 115705	О
6	Efficient NH3-N recovery from municipal wastewaters via membrane hybrid systems: Nutrient-Energy-Water (NEW) nexus in circular economy. 2023 , 465, 142876	О
5	Synthesis and applications of highly stable silane modified reduced graphene oxide supported cobalt based platinum nanoparticle for anodic part of direct methanol fuel cells. 2023 ,	0
4	Bibliometrics Analysis of Research Progress of Electrochemical Detection of Tetracycline Antibiotics. 2023 , 2023, 1-14	O
3	Upconversion nanoparticles-based background-free selective fluorescence sensor developed for immunoassay of fipronil pesticide.	O
2	Effects of Different Materials on Biogas Production during Anaerobic Digestion of Food Waste. 2023 , 15, 5698	O

Plant based fabrication of CuO/NiO nanocomposite: a green approach for low-level quantification of vanillin in food samples. **2023**,

О