

# Mehmet Ltfi Yola

## List of Publications by Citations

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114  
papers

8,383  
citations

58  
h-index

90  
g-index

117  
ext. papers

9,546  
ext. citations

6.4  
avg, IF

7.29  
L-index

#	Paper	IF	Citations
114	A novel magnetic Fe@Au core-shell nanoparticles anchored graphene oxide recyclable nanocatalyst for the reduction of nitrophenol compounds. <i>Water Research</i> , <b>2014</b> , 48, 210-7	12.5	510
113	A novel electro analytical nanosensor based on graphene oxide/silver nanoparticles for simultaneous determination of quercetin and morin. <i>Electrochimica Acta</i> , <b>2014</b> , 120, 204-211	6.7	354
112	A Novel DNA Biosensor Based on a Pencil Graphite Electrode Modified with Polypyrrole/Functionalized Multiwalled Carbon Nanotubes for Determination of 6-Mercaptopurine Anticancer Drug. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2015</b> , 54, 3634-3639	3.9	350
111	A novel voltammetric sensor based on gold nanoparticles involved in p-aminothiophenol functionalized multi-walled carbon nanotubes: Application to the simultaneous determination of quercetin and rutin. <i>Electrochimica Acta</i> , <b>2014</b> , 119, 24-31	6.7	219
110	A sensitive molecular imprinted electrochemical sensor based on gold nanoparticles decorated graphene oxide: Application to selective determination of tyrosine in milk. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 210, 149-157	8.5	216
109	A novel and sensitive electrochemical DNA biosensor based on Fe@Au nanoparticles decorated graphene oxide. <i>Electrochimica Acta</i> , <b>2014</b> , 125, 38-47	6.7	196
108	An amplified voltammetric sensor based on platinum nanoparticle/polyoxometalate/two-dimensional hexagonal boron nitride nanosheets composite and ionic liquid for determination of N-hydroxysuccinimide in water samples. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 208, 122-129	6	187
107	A novel detection method for organophosphorus insecticide fenamiphos: Molecularly imprinted electrochemical sensor based on core-shell CoO@MOF-74 nanocomposite. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 592, 174-185	9.3	168
106	Molecularly imprinted electrochemical biosensor based on Fe@Au nanoparticles involved in 2-aminoethanethiol functionalized multi-walled carbon nanotubes for sensitive determination of cefexime in human plasma. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 60, 277-85	11.8	158
105	A sensitive molecularly imprinted polymer based quartz crystal microbalance nanosensor for selective determination of lovastatin in red yeast rice. <i>Food Chemistry</i> , <b>2015</b> , 185, 430-6	8.5	154
104	Sensitive and selective determination of aqueous triclosan based on gold nanoparticles on polyoxometalate/reduced graphene oxide nanohybrid. <i>RSC Advances</i> , <b>2015</b> , 5, 65953-65962	3.7	150
103	Sensitive voltammetric sensor based on polyoxometalate/reduced graphene oxide nanomaterial: Application to the simultaneous determination of l-tyrosine and l-tryptophan. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 233, 47-54	8.5	150
102	Development of cardiac troponin-I biosensor based on boron nitride quantum dots including molecularly imprinted polymer. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 126, 418-424	11.8	138
101	Magnetic iron oxide and iron oxide@gold nanoparticle anchored nitrogen and sulfur-functionalized reduced graphene oxide electrocatalyst for methanol oxidation. <i>RSC Advances</i> , <b>2015</b> , 5, 26402-26409	3.7	137
100	CoFe <sub>2</sub> O <sub>4</sub> @TiO <sub>2</sub> decorated reduced graphene oxide nanocomposite for photocatalytic degradation of chlorpyrifos. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 208, 122-129	6	136
99	A novel voltammetric sensor based on p-aminothiophenol functionalized graphene oxide/gold nanoparticles for determining quercetin in the presence of ascorbic acid. <i>Journal of Electroanalytical Chemistry</i> , <b>2013</b> , 698, 9-16	4.1	128
98	Sensitive determination of citrinin based on molecular imprinted electrochemical sensor. <i>Applied Surface Science</i> , <b>2016</b> , 362, 315-322	6.7	121

97	A novel efficient photocatalyst based on TiO <sub>2</sub> nanoparticles involved boron enrichment waste for photocatalytic degradation of atrazine. <i>Chemical Engineering Journal</i> , <b>2014</b> , 250, 288-294	14.7	120
96	Carbon-based quantum particles: an electroanalytical and biomedical perspective. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 4281-4316	58.5	119
95	Adsorptive and photocatalytic removal of reactive dyes by silver nanoparticle-colemanite ore waste. <i>Chemical Engineering Journal</i> , <b>2014</b> , 242, 333-340	14.7	117
94	Sensitive analysis of simazine based on platinum nanoparticles on polyoxometalate/multi-walled carbon nanotubes. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 470, 14-21	9.3	114
93	A novel impedimetric biosensor based on graphene oxide/gold nanoplatform for detection of DNA arrays. <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 188, 1201-1211	8.5	112
92	Direct-methanol Fuel Cell Based on Functionalized Graphene Oxide with Mono-metallic and Bi-metallic Nanoparticles: Electrochemical Performances of Nanomaterials for Methanol Oxidation. <i>Electroanalysis</i> , <b>2016</b> , 28, 570-579	3	109
91	A novel detection approach for serotonin by graphene quantum dots/two-dimensional (2D) hexagonal boron nitride nanosheets with molecularly imprinted polymer. <i>Applied Surface Science</i> , <b>2018</b> , 458, 648-655	6.7	108
90	A novel glucose biosensor platform based on Ag@AuNPs modified graphene oxide nanocomposite and SERS application. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 406, 231-7	9.3	106
89	A novel sensitive Cu(II) and Cd(II) nanosensor platform: Graphene oxide terminated p-aminophenyl modified glassy carbon surface. <i>Electrochimica Acta</i> , <b>2013</b> , 112, 541-548	6.7	104
88	A Highly Efficient Nanomaterial with Molecular Imprinting Polymer: Carbon Nitride Nanotubes Decorated with Graphene Quantum Dots for Sensitive Electrochemical Determination of Chlorpyrifos. <i>Journal of the Electrochemical Society</i> , <b>2017</b> , 164, B223-B229	3.9	100
87	Electrochemical Detection of Atrazine by Platinum Nanoparticles/Carbon Nitride Nanotubes with Molecularly Imprinted Polymer. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2017</b> , 56, 7631-7639	3.9	97
86	A novel electrochemical sensor based on calixarene functionalized reduced graphene oxide: Application to simultaneous determination of Fe(III), Cd(II) and Pb(II) ions. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 508, 525-531	9.3	97
85	Catalytic activity of Fe@Ag nanoparticle involved calcium alginate beads for the reduction of nitrophenols. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 190, 133-138	6	90
84	New molecular imprinted voltammetric sensor for determination of ochratoxin A. <i>Materials Science and Engineering C</i> , <b>2016</b> , 61, 368-75	8.3	89
83	A highly selective and sensitive voltammetric sensor with molecularly imprinted polymer based silver@gold nanoparticles/ionic liquid modified glassy carbon electrode for determination of ceftizoxime. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 251, 212-217	6	86
82	Molecular imprinted nanosensor based on surface plasmon resonance: Application to the sensitive determination of amoxicillin. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 195, 28-35	8.5	83
81	Molecular imprinted polypyrrole modified glassy carbon electrode for the determination of tobramycin. <i>Electrochimica Acta</i> , <b>2013</b> , 112, 37-43	6.7	82
80	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. <i>Chemosphere</i> , <b>2021</b> , 132928	8.4	82

79	Electrochemically grafted etodolac film on glassy carbon for Pb(II) determination. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 171-172, 1207-1215	8.5	80
78	Functionalized Graphene Quantum Dots with Bi-Metallic Nanoparticles Composite: Sensor Application for Simultaneous Determination of Ascorbic Acid, Dopamine, Uric Acid and Tryptophan. <i>Journal of the Electrochemical Society</i> , <b>2016</b> , 163, B718-B725	3.9	78
77	A molecular imprinted SPR biosensor for sensitive determination of citrinin in red yeast rice. <i>Food Chemistry</i> , <b>2015</b> , 184, 7-11	8.5	74
76	Development of molecular imprinted nanosensor for determination of tobramycin in pharmaceuticals and foods. <i>Talanta</i> , <b>2014</b> , 120, 318-24	6.2	74
75	Highly Selective and Sensitive Voltammetric Sensor Based on Ruthenium Nanoparticle Anchored Calix[4]amidocrown-5 Functionalized Reduced Graphene Oxide: Simultaneous Determination of Quercetin, Morin and Rutin in Grape Wine. <i>Electroanalysis</i> , <b>2016</b> , 28, 611-619	3	74
74	A sensitive molecular imprinted surface plasmon resonance nanosensor for selective determination of trace triclosan in wastewater. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 216, 638-644	8.5	72
73	Core-Shell Nanoparticles/Two-Dimensional (2D) Hexagonal Boron Nitride Nanosheets with Molecularly Imprinted Polymer for Electrochemical Sensing of Cypermethrin. <i>Journal of the Electrochemical Society</i> , <b>2018</b> , 165, H255-H262	3.9	71
72	Platinum nanoparticles supported on nitrogen and sulfur-doped reduced graphene oxide nanomaterial as highly active electrocatalysts for methanol oxidation. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 8559-8566	2.1	71
71	Ultrahigh capacity anode material for lithium ion battery based on rod gold nanoparticles decorated reduced graphene oxide. <i>Thin Solid Films</i> , <b>2015</b> , 590, 156-162	2.2	70
70	A novel determination of curcumin via Ru@Au nanoparticle decorated nitrogen and sulfur-functionalized reduced graphene oxide nanomaterials. <i>Analytical Methods</i> , <b>2016</b> , 8, 401-408	3.2	70
69	3D Polyoxometalate-Functionalized Graphene Quantum Dots with Mono-Metallic and Bi-Metallic Nanoparticles for Application in Direct Methanol Fuel Cells. <i>Journal of the Electrochemical Society</i> , <b>2016</b> , 163, F1237-F1244	3.9	69
68	Silver, gold, and silver@gold nanoparticle-anchored l-cysteine-functionalized reduced graphene oxide as electrocatalyst for methanol oxidation. <i>Ionics</i> , <b>2015</b> , 21, 2285-2293	2.7	68
67	A novel molecular imprinted nanosensor based quartz crystal microbalance for determination of kaempferol. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 194, 79-85	8.5	68
66	Molecular imprinting polymer with polyoxometalate/carbon nitride nanotubes for electrochemical recognition of bilirubin. <i>Electrochimica Acta</i> , <b>2017</b> , 246, 135-140	6.7	67
65	Selective QCM sensor based on atrazine imprinted polymer: Its application to wastewater sample. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 218, 215-221	8.5	67
64	Simultaneous determination of agonists on hexagonal boron nitride nanosheets/multi-walled carbon nanotubes nanocomposite modified glassy carbon electrode. <i>Materials Science and Engineering C</i> , <b>2019</b> , 96, 669-676	8.3	67
63	Phenylethanolamine A (PEA) Imprinted Polymer on Carbon Nitride Nanotubes/Graphene Quantum Dots/Core-Shell Nanoparticle Composite for Electrochemical PEA Detection in Urine Sample. <i>Journal of the Electrochemical Society</i> , <b>2018</b> , 165, H1-H9	3.9	65
62	Determination of amikacin in human plasma by molecular imprinted SPR nanosensor. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 198, 70-76	8.5	65

61	Electrochemical studies on graphene oxide-supported metallic and bimetallic nanoparticles for fuel cell applications. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 191, 172-176	6	63
60	Development of molecular imprinted sensor including graphitic carbon nitride/N-doped carbon dots composite for novel recognition of epinephrine. <i>Composites Part B: Engineering</i> , <b>2019</b> , 175, 107113	10	62
59	Palladium nanoparticles functionalized graphene quantum dots with molecularly imprinted polymer for electrochemical analysis of citrinin. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 243, 677-681	6	61
58	Enhanced surface plasmon resonance (SPR) signals based on immobilization of core-shell nanoparticles incorporated boron nitride nanosheets: Development of molecularly imprinted SPR nanosensor for anticancer drug, etoposide. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 130, 293-298	11.8	60
57	Fe@Ag nanoparticles decorated reduced graphene oxide as ultrahigh capacity anode material for lithium-ion battery. <i>Ionics</i> , <b>2015</b> , 21, 3185-3192	2.7	59
56	A novel electrochemical aflatoxin B1 immunosensor based on gold nanoparticle-decorated porous graphene nanoribbon and Ag nanocube-incorporated MoS2 nanosheets. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 11222-11233	3.6	58
55	A Molecular Imprinted Voltammetric Sensor Based on Carbon Nitride Nanotubes: Application to Determination of Melamine. <i>Journal of the Electrochemical Society</i> , <b>2016</b> , 163, B588-B593	3.9	57
54	Electrochemical immunosensor development based on core-shell high-crystalline graphitic carbon nitride@carbon dots and CdZnS/d-TiCT MXene composite for heart-type fatty acid-binding protein detection. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 182	5.8	57
53	Electrochemically modified sulfisoxazole nanofilm on glassy carbon for determination of cadmium(II) in water samples. <i>Electrochimica Acta</i> , <b>2013</b> , 105, 149-156	6.7	55
52	Tailoring of cobalt phosphide anchored nitrogen and sulfur co-doped three dimensional graphene hybrid: Boosted electrocatalytic performance towards hydrogen evolution reaction. <i>Electrochimica Acta</i> , <b>2021</b> , 380, 138262	6.7	55
51	A Novel Molecularly Imprinting Biosensor Including Graphene Quantum Dots/Multi-Walled Carbon Nanotubes Composite for Interleukin-6 Detection and Electrochemical Biosensor Validation. <i>ECS Journal of Solid State Science and Technology</i> , <b>2020</b> , 9, 121010	2	51
50	Validated electrochemical immunosensor for ultra-sensitive procalcitonin detection: Carbon electrode modified with gold nanoparticles functionalized sulfur doped MXene as sensor platform and carboxylated graphitic carbon nitride as signal amplification. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 310, 127167	8.5	50
49	Sustainable electrode material for high-energy supercapacitor: biomass-derived graphene-like porous carbon with three-dimensional hierarchically ordered ion highways. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 12807-12821	3.6	50
48	Electrochemical sensing of ractopamine by carbon nitride nanotubes/ionic liquid nanohybrid in presence of other $\beta$ agonists. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 254, 8-11	6	46
47	Electrochemical activity enhancement of monodisperse boron nitride quantum dots on graphene oxide: Its application for simultaneous detection of organophosphate pesticides in real samples. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 277, 50-57	6	45
46	Amperometric galectin-3 immunosensor-based gold nanoparticle-functionalized graphitic carbon nitride nanosheets and core-shell Ti-MOF@COFs composites. <i>Nanoscale</i> , <b>2020</b> , 12, 19824-19832	7.7	39
45	Fabrication of Pt/Pd Nanoparticles/Polyoxometalate/Ionic Liquid Nanohybrid for Electrocatalytic Oxidation of Methanol. <i>Journal of the Electrochemical Society</i> , <b>2018</b> , 165, F338-F341	3.9	37
44	A sensitive voltammetric sensor for determination of Cd(II) in human plasma. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 197, 58-64	6	37

43	Molecularly imprinted QCM sensor based on delaminated MXene for chlorpyrifos detection and QCM sensor validation. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 6524-6532	3.6	37
42	A Methyl Parathion Recognition Method Based on Carbon Nitride Incorporated Hexagonal Boron Nitride Nanosheets Composite Including Molecularly Imprinted Polymer. <i>Journal of the Electrochemical Society</i> , <b>2019</b> , 166, H495-H501	3.9	36
41	A novel and ultrasensitive sandwich-type electrochemical immunosensor based on delaminated MXene@AuNPs as signal amplification for prostate specific antigen (PSA) detection and immunosensor validation. <i>Talanta</i> , <b>2020</b> , 220, 121403	6.2	36
40	Facile and green fabrication of silver nanoparticles on a polyoxometalate for Li-ion battery. <i>Ionics</i> , <b>2015</b> , 21, 2193-2199	2.7	35
39	Electrochemical studies on the interaction of an antibacterial drug nitrofurantoin with DNA. <i>Journal of Electroanalytical Chemistry</i> , <b>2011</b> , 653, 56-60	4.1	35
38	Gold Nanoparticles/Two-Dimensional (2D) Hexagonal Boron Nitride Nanosheets Including Diethylstilbestrol Imprinted Polymer: Electrochemical Detection in Urine Samples and Validation. <i>Journal of the Electrochemical Society</i> , <b>2018</b> , 165, H897-H902	3.9	35
37	Electrochemical detection of amyloid- $\beta$ protein by delaminated titanium carbide MXene/multi-walled carbon nanotubes composite with molecularly imprinted polymer. <i>Materials Today Communications</i> , <b>2020</b> , 23, 101097	2.5	34
36	Adsorptive properties of molasses modified boron enrichment waste based nanoclay for removal of basic dyes. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2016</b> , 34, 244-249	6.3	34
35	Molecular Imprinted Sensor Including Au Nanoparticles/Polyoxometalate/Two-Dimensional Hexagonal Boron Nitride Nanocomposite for Diazinon Recognition. <i>ECS Journal of Solid State Science and Technology</i> , <b>2020</b> , 9, 101006	2	33
34	Sensitive sandwich-type voltammetric immunosensor for breast cancer biomarker HER2 detection based on gold nanoparticles decorated Cu-MOF and CuZnSnS NPs/Pt/g-CN composite. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 78	5.8	33
33	Nanosized Fe <sub>3</sub> O <sub>4</sub> incorporated on a TiO <sub>2</sub> surface for the enhanced photocatalytic degradation of organic pollutants. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 287, 110967	6	29
32	A new approach for electrochemical detection of organochlorine compound lindane: Development of molecular imprinting polymer with polyoxometalate/carbon nitride nanotubes composite and validation. <i>Microchemical Journal</i> , <b>2020</b> , 157, 105012	4.8	29
31	Fabrication of bimetallic Pt/Pd nanoparticles on 2-thiolbenzimidazole functionalized reduced graphene oxide for methanol oxidation. <i>Ionics</i> , <b>2016</b> , 22, 593-600	2.7	28
30	Oxytocin imprinted polymer based surface plasmon resonance sensor and its application to milk sample. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 221, 842-848	8.5	28
29	A comparative study of CO catalytic oxidation on the single vacancy and di-vacancy graphene supported single-atom iridium catalysts: A DFT analysis. <i>Surfaces and Interfaces</i> , <b>2021</b> , 25, 101293	4.1	27
28	Determination of rutin by CoFe <sub>2</sub> O <sub>4</sub> nanoparticles ionic liquid nanocomposite as a voltammetric sensor. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 246, 350-353	6	26
27	A novel electrochemical lung cancer biomarker cytokeratin 19 fragment antigen 21-1 immunosensor based on SiN/MoS incorporated MWCNTs and core-shell type magnetic nanoparticles. <i>Nanoscale</i> , <b>2021</b> , 13, 4660-4669	7.7	26
26	Novel voltammetric tumor necrosis factor-alpha (TNF- $\alpha$ ) immunosensor based on gold nanoparticles involved in thiol-functionalized multi-walled carbon nanotubes and bimetallic Ni/Cu-MOFs. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 2481-2492	4.4	26

25	A novel sandwich-type SERS immunosensor for selective and sensitive carcinoembryonic antigen (CEA) detection. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1139, 100-110	6.6	25
24	A novel QCM immunosensor development based on gold nanoparticles functionalized sulfur-doped graphene quantum dot and h-ZnS-CdS NC for Interleukin-6 detection. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1148, 338202	6.6	25
23	Phosphorus-Nitrogen Compounds: Part 25. Syntheses, Spectroscopic, Structural and Electrochemical Investigations, Antimicrobial Activities, and DNA Interactions of Ferrocenyldiaminocyclotriphosphazenes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2013</b> , 188, 1723-1742	1	24
22	Heterostructures of mesoporous TiO and SnO nanocatalyst for improved electrochemical oxidation ability of vitamin B6 in pharmaceutical tablets. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 542, 45-53	9.3	23
21	Electrochemical detection of atrazine in wastewater samples by copper oxide (CuO) nanoparticles ionic liquid modified electrode. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 248, 360-363	6	22
20	Biosynthesis of silver nanoparticles using chitosan immobilized <i>Bacillus cereus</i> : Nanocatalytic studies. <i>Journal of Molecular Liquids</i> , <b>2013</b> , 188, 81-88	6	20
19	Electrochemical Sensor Based on Au@nitrogen-Doped Carbon Quantum Dots@Ag Core-Shell Composite Including Molecular Imprinted Polymer for Metobromuron Recognition. <i>Journal of the Electrochemical Society</i> , <b>2019</b> , 166, H691-H697	3.9	18
18	A molecularly imprinted electrochemical biosensor based on hierarchical TiNbO (TNO) for glucose detection. <i>Mikrochimica Acta</i> , <b>2021</b> , 189, 24	5.8	16
17	Efficient Direct-Methanol Fuel Cell Based on Graphene Quantum Dots/Multi-walled Carbon Nanotubes Composite. <i>Electroanalysis</i> , <b>2020</b> , 32, 1977-1982	3	15
16	Identification of heavy metal ions from aqueous environment through gold, Silver and Copper Nanoparticles: An excellent colorimetric approach. <i>Environmental Research</i> , <b>2021</b> , 205, 112475	7.9	12
15	A novel electrochemical kidney injury molecule-1 (KIM-1) immunosensor based covalent organic frameworks-gold nanoparticles composite and porous NiCo <sub>2</sub> S <sub>4</sub> @CeO <sub>2</sub> microspheres: The monitoring of acute kidney injury. <i>Applied Surface Science</i> , <b>2022</b> , 578, 152093	6.7	12
14	Development of Novel Nanocomposites Based on Graphene/Graphene Oxide and Electrochemical Sensor Applications. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 159-165	1.7	12
13	Sensitive and selective electrochemical detection of bisphenol A based on SBA-15 like Cu-PMO modified glassy carbon electrode. <i>Food Chemistry</i> , <b>2021</b> , 358, 129763	8.5	12
12	Carbohydrate antigen 19-9 electrochemical immunosensor based on 1D-MoS <sub>2</sub> nanorods/LiNb <sub>3</sub> O <sub>8</sub> and polyoxometalate-incorporated gold nanoparticles. <i>Microchemical Journal</i> , <b>2021</b> , 170, 106643	4.8	10
11	Electrochemical neuron-specific enolase (NSE) immunosensor based on CoFeO@Ag nanocomposite and AuNPs@MoS <sub>2</sub> /rGO. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1200, 339609	6.6	10
10	Determination of Tobramycin by Square Wave Voltammetry from Milk Sample through the Modified Polymer Inclusion Membrane with Reduced Graphene Oxide. <i>ECS Journal of Solid State Science and Technology</i> , <b>2017</b> , 6, M152-M155	2	9
9	Sensitive sandwich-type electrochemical SARS-CoV-2 nucleocapsid protein immunosensor. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 425	5.8	9
8	Recent advances in developing optical and electrochemical sensors for analysis of methamphetamine: A review. <i>Chemosphere</i> , <b>2021</b> , 278, 130393	8.4	9

7	Theoretical Insights into the NH <sub>3</sub> Decomposition Mechanism on the Cu- and Pt- Embedded Graphene Surfaces: A DFT Approach. <i>ECS Journal of Solid State Science and Technology</i> , <b>2021</b> , 10, 101008 <sup>2</sup>		5
6	Mechanism of methanol decomposition on the Cu-Embedded graphene: A DFT study. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> ,	6.7	4
5	A novel paraoxon imprinted electrochemical sensor based on MoSNPs@MWCNTs and its application to tap water samples.. <i>Food and Chemical Toxicology</i> , <b>2022</b> , 163, 112994	4.7	4
4	Effects of silver nanoparticles added into polyurea coating on sulfate-reducing bacteria activity and electrochemical properties; an environmental nano-biotechnology investigation. <i>Environmental Research</i> , <b>2021</b> , 198, 111251	7.9	3
3	Carbendazim imprinted electrochemical sensor based on CdMoO <sub>4</sub> /g-CN nanocomposite: Application to fruit juice samples.. <i>Chemosphere</i> , <b>2022</b> , 301, 134766	8.4	3
2	Design of Co-Sn bimetallic nanoalloys as electrocatalyst for alkaline methanol oxidation reaction: Exploring the effect of electroactivation process. <i>Fuel</i> , <b>2022</b> , 319, 123727	7.1	0
1	Mapping and Scientometric Measures on Research Publications of Energy Storage and Conversion. <i>Topics in Catalysis</i> ,1	2.3	