

Mehmet LÃ¼tfi Yola

List of Publications by Year in descending order

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116
papers

10,901
citations

15503

65
h-index

30920

102
g-index

117
all docs

117
docs citations

117
times ranked

8007
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel magnetic Fe@Au core-shell nanoparticles anchored graphene oxide recyclable nanocatalyst for the reduction of nitrophenol compounds. <i>Water Research</i> , 2014, 48, 210-217.	11.3	565
2	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 & Engineering Chemistry Research</i> , 2015, 54, 3634-3639.	3.7	395
3	A novel electro analytical nanosensor based on graphene oxide/silver nanoparticles for simultaneous determination of quercetin and morin. <i>Electrochimica Acta</i> , 2014, 120, 204-211.	5.2	388
4	A novel detection method for organophosphorus insecticide fenamiphos: Molecularly imprinted electrochemical sensor based on core-shell Co ₃ O ₄ @MOF-74 nanocomposite. <i>Journal of Colloid and Interface Science</i> , 2021, 592, 174-185.	9.4	307
5	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> , 2020, 310, 113185.	4.9	248
6	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> , 2014, 119, 24-31.	5.2	243
7	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> , 2015, 210, 149-157.	7.8	242
8	A novel and sensitive electrochemical DNA biosensor based on Fe@Au nanoparticles decorated graphene oxide. <i>Electrochimica Acta</i> , 2014, 125, 38-47.	5.2	218
9	A sensitive molecularly imprinted polymer based quartz crystal microbalance nanosensor for selective determination of lovastatin in red yeast rice. <i>Food Chemistry</i> , 2015, 185, 430-436.	8.2	208
10	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> , 2022, 291, 132928.	8.2	194
11	Carbon-based quantum particles: an electroanalytical and biomedical perspective. <i>Chemical Society Reviews</i> , 2019, 48, 4281-4316.	38.1	187
12	Development of cardiac troponin-I biosensor based on boron nitride quantum dots including molecularly imprinted polymer. <i>Biosensors and Bioelectronics</i> , 2019, 126, 418-424.	10.1	186
13	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> , 2014, 60, 277-285.	10.1	181
14	Sensitive and selective determination of aqueous triclosan based on gold nanoparticles on polyoxometalate/reduced graphene oxide nanohybrid. <i>RSC Advances</i> , 2015, 5, 65953-65962.	3.6	169
15	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> , 2016, 233, 47-54.	7.8	168
16	CoFe ₂ O ₄ @TiO ₂ decorated reduced graphene oxide nanocomposite for photocatalytic degradation of chlorpyrifos. <i>Journal of Molecular Liquids</i> , 2015, 208, 122-129.	4.9	166
17	Magnetic iron oxide and iron oxide@gold nanoparticle anchored nitrogen and sulfur-functionalized reduced graphene oxide electrocatalyst for methanol oxidation. <i>RSC Advances</i> , 2015, 5, 26402-26409.	3.6	157
18	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> , 2013, 698, 9-16.	3.8	141

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19	A novel efficient photocatalyst based on TiO ₂ nanoparticles involved boron enrichment waste for photocatalytic degradation of atrazine. <i>Chemical Engineering Journal</i> , 2014, 250, 288-294.	12.7	139
20	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> , 2018, 458, 648-655.	6.1	137
21	Sensitive determination of citrinin based on molecular imprinted electrochemical sensor. <i>Applied Surface Science</i> , 2016, 362, 315-322.	6.1	133
22	Adsorptive and photocatalytic removal of reactive dyes by silver nanoparticle-colemanite ore waste. <i>Chemical Engineering Journal</i> , 2014, 242, 333-340.	12.7	131
23	Sensitive analysis of simazine based on platinum nanoparticles on polyoxometalate/multi-walled carbon nanotubes. <i>Journal of Colloid and Interface Science</i> , 2016, 470, 14-21.	9.4	125
24	A novel impedimetric biosensor based on graphene oxide/gold nanopatform for detection of DNA arrays. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 1201-1211.	7.8	120
25	A novel glucose biosensor platform based on Ag@AuNPs modified graphene oxide nanocomposite and SERS application. <i>Journal of Colloid and Interface Science</i> , 2013, 406, 231-237.	9.4	120
26	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> , 2017, 164, B223-B229.	2.9	120
27	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> , 2016, 28, 570-579.	2.9	117
28	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> , 2017, 508, 525-531.	9.4	114
29	A novel sensitive Cu(II) and Cd(II) nanosensor platform: Graphene oxide terminated p-aminophenyl modified glassy carbon surface. <i>Electrochimica Acta</i> , 2013, 112, 541-548.	5.2	112
30	Electrochemical Detection of Atrazine by Platinum Nanoparticles/Carbon Nitride Nanotubes with Molecularly Imprinted Polymer. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 7631-7639.	3.7	109
31	A novel electrochemical aflatoxin B ₁ immunosensor based on gold nanoparticle-decorated porous graphene nanoribbon and Ag nanocube-incorporated MoS ₂ nanosheets. <i>New Journal of Chemistry</i> , 2021, 45, 11222-11233.	2.8	106
32	Molecular imprinted nanosensor based on surface plasmon resonance: Application to the sensitive determination of amoxicillin. <i>Sensors and Actuators B: Chemical</i> , 2014, 195, 28-35.	7.8	102
33	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> , 2018, 251, 212-217.	4.9	100
34	Catalytic activity of Fe@Ag nanoparticle involved calcium alginate beads for the reduction of nitrophenols. <i>Journal of Molecular Liquids</i> , 2014, 190, 133-138.	4.9	99
35	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> , 2021, 23, 12807-12821.	2.8	98
36	Molecular imprinted polypyrrole modified glassy carbon electrode for the determination of tobramycin. <i>Electrochimica Acta</i> , 2013, 112, 37-43.	5.2	96

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37	New molecular imprinted voltammetric sensor for determination of ochratoxin A. <i>Materials Science and Engineering C</i> , 2016, 61, 368-375.	7.3	95
38	Electrochemically grafted etodolac film on glassy carbon for Pb(II) determination. <i>Sensors and Actuators B: Chemical</i> , 2012, 171-172, 1207-1215.	7.8	90
39	A sensitive molecular imprinted surface plasmon resonance nanosensor for selective determination of trace triclosan in wastewater. <i>Sensors and Actuators B: Chemical</i> , 2015, 216, 638-644.	7.8	89
40	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> , 2021, 380, 138262.	5.2	89
41	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> , 2019, 175, 107113.	12.0	88
42	A molecular imprinted SPR biosensor for sensitive determination of citrinin in red yeast rice. <i>Food Chemistry</i> , 2015, 184, 7-11.	8.2	87
43	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> , 2016, 163, B718-B725.	2.9	87
44	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> , 2020, 9, 121010.	1.8	87
45	Simultaneous determination of Î²-agonists on hexagonal boron nitride nanosheets/multi-walled carbon nanotubes nanocomposite modified glassy carbon electrode. <i>Materials Science and Engineering C</i> , 2019, 96, 669-676.	7.3	86
46	Electrochemical immunosensor development based on core-shell high-crystalline graphitic carbon nitride@carbon dots and Cd _{0.5} Zn _{0.5} S/d-Ti ₃ C ₂ T _x MXene composite for heart-type fatty acidâ€™binding protein detection. <i>Mikrochimica Acta</i> , 2021, 188, 182.	5.0	85
47	Development of molecular imprinted nanosensor for determination of tobramycin in pharmaceuticals and foods. <i>Talanta</i> , 2014, 120, 318-324.	5.5	83
48	Highly Selective and Sensitive Voltammetric Sensor Based on Ruthenium Nanoparticle Anchored Calix[4]amidocrownâ€™5 Functionalized Reduced Graphene Oxide: Simultaneous Determination of Quercetin, Morin and Rutin in Grape Wine. <i>Electroanalysis</i> , 2016, 28, 611-619.	2.9	83
49	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> , 2018, 165, H255-H262.	2.9	83
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> , 2020, 319, 128195.	7.8	82
51	Ultrahigh capacity anode material for lithium ion battery based on rod gold nanoparticles decorated reduced graphene oxide. <i>Thin Solid Films</i> , 2015, 590, 156-162.	1.8	81
52	A novel determination of curcumin via Ru@Au nanoparticle decorated nitrogen and sulfur-functionalized reduced graphene oxide nanomaterials. <i>Analytical Methods</i> , 2016, 8, 401-408.	2.7	80
53	Identification of heavy metal ions from aqueous environment through gold, Silver and Copper Nanoparticles: An excellent colorimetric approach. <i>Environmental Research</i> , 2022, 205, 112475.	7.5	79
54	Selective QCM sensor based on atrazine imprinted polymer: Its application to wastewater sample. <i>Sensors and Actuators B: Chemical</i> , 2015, 218, 215-221.	7.8	78

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55	Silver, gold, and silver@gold nanoparticle-anchored l-cysteine-functionalized reduced graphene oxide as electrocatalyst for methanol oxidation. <i>Ionics</i> , 2015, 21, 2285-2293.	2.4	78
56	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> , 2016, 27, 8559-8566.	2.2	78
57	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> , 2016, 163, F1237-F1244.	2.9	76
58	Molecular imprinting polymer with polyoxometalate/carbon nitride nanotubes for electrochemical recognition of bilirubin. <i>Electrochimica Acta</i> , 2017, 246, 135-140.	5.2	76
59	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> , 2019, 130, 293-298.	10.1	76
60	A novel molecular imprinted nanosensor based quartz crystal microbalance for determination of kaempferol. <i>Sensors and Actuators B: Chemical</i> , 2014, 194, 79-85.	7.8	74
61	Determination of amikacin in human plasma by molecular imprinted SPR nanosensor. <i>Sensors and Actuators B: Chemical</i> , 2014, 198, 70-76.	7.8	74
62	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> , 2018, 165, H1-H9.	2.9	74
63	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> , 2020, 220, 121403.	5.5	74
64	A novel sandwich-type SERS immunosensor for selective and sensitive carcinoembryonic antigen (CEA) detection. <i>Analytica Chimica Acta</i> , 2020, 1139, 100-110.	5.4	73
65	Palladium nanoparticles functionalized graphene quantum dots with molecularly imprinted polymer for electrochemical analysis of citrinin. <i>Journal of Molecular Liquids</i> , 2017, 243, 677-681.	4.9	72
66	Electrochemical studies on graphene oxide-supported metallic and bimetallic nanoparticles for fuel cell applications. <i>Journal of Molecular Liquids</i> , 2014, 191, 172-176.	4.9	69
67	A novel electrochemical lung cancer biomarker cytokeratin 19 fragment antigen 21-1 immunosensor based on Si₃N₄/MoS₂ incorporated MWCNTs and core-shell type magnetic nanoparticles. <i>Nanoscale</i> , 2021, 13, 4660-4669.	5.6	69
68	Sensitive sandwich-type voltammetric immunosensor for breast cancer biomarker HER2 detection based on gold nanoparticles decorated Cu-MOF and Cu ₂ ZnSnS ₄ NPs/Pt/g-C ₃ N ₄ composite. <i>Mikrochimica Acta</i> , 2021, 188, 78.	5.0	68
69	Amperometric galectin-3 immunosensor-based gold nanoparticle-functionalized graphitic carbon nitride nanosheets and core-shell Ti-MOF@COFs composites. <i>Nanoscale</i> , 2020, 12, 19824-19832.	5.6	67
70	Electrochemically modified sulfisoxazole nanofilm on glassy carbon for determination of cadmium(II) in water samples. <i>Electrochimica Acta</i> , 2013, 105, 149-156.	5.2	66
71	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> , 2019, 277, 50-57.	4.9	66
72	A Molecular Imprinted Voltammetric Sensor Based on Carbon Nitride Nanotubes: Application to Determination of Melamine. <i>Journal of the Electrochemical Society</i> , 2016, 163, B588-B593.	2.9	65

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73	Molecularly imprinted QCM sensor based on delaminated MXene for chlorpyrifos detection and QCM sensor validation. <i>New Journal of Chemistry</i> , 2020, 44, 6524-6532.	2.8	64
74	Fe@Ag nanoparticles decorated reduced graphene oxide as ultrahigh capacity anode material for lithium-ion battery. <i>Ionics</i> , 2015, 21, 3185-3192.	2.4	61
75	Electrochemical neuron-specific enolase (NSE) immunosensor based on CoFe ₂ O ₄ @Ag nanocomposite and AuNPs@MoS ₂ /rGO. <i>Analytica Chimica Acta</i> , 2022, 1200, 339609.	5.4	61
76	Electrochemical detection of amyloid- β^2 protein by delaminated titanium carbide MXene/multi-walled carbon nanotubes composite with molecularly imprinted polymer. <i>Materials Today Communications</i> , 2020, 23, 101097.	1.9	60
77	Novel voltammetric tumor necrosis factor-alpha (TNF- β^{\pm}) immunosensor based on gold nanoparticles involved in thiol-functionalized multi-walled carbon nanotubes and bimetallic Ni/Cu-MOFs. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 2481-2492.	3.7	57
78	Nanosized Fe ₃ O ₄ incorporated on a TiO ₂ surface for the enhanced photocatalytic degradation of organic pollutants. <i>Journal of Molecular Liquids</i> , 2019, 287, 110967.	4.9	56
79	A novel paraoxon imprinted electrochemical sensor based on MoS ₂ NPs@MWCNTs and its application to tap water samples. <i>Food and Chemical Toxicology</i> , 2022, 163, 112994.	3.6	54
80	Electrochemical sensing of ractopamine by carbon nitride nanotubes/ionic liquid nanohybrid in presence of other β^2 -agonists. <i>Journal of Molecular Liquids</i> , 2018, 254, 8-11.	4.9	53
81	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> , 2021, 1148, 338202.	5.4	53
82	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> , 2020, 157, 105012.	4.5	53
83	A novel electrochemical kidney injury molecule-1 (KIM-1) immunosensor based covalent organic frameworks-gold nanoparticles composite and porous NiCo ₂ S ₄ @CeO ₂ microspheres: The monitoring of acute kidney injury. <i>Applied Surface Science</i> , 2022, 578, 152093.	6.1	52
84	Carbendazim imprinted electrochemical sensor based on CdMoO ₄ /g-C ₃ N ₄ nanocomposite: Application to fruit juice samples. <i>Chemosphere</i> , 2022, 301, 134766.	8.2	49
85	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> , 2019, 166, H495-H501.	2.9	44
86	Sensitive sandwich-type electrochemical SARS-CoV- β^2 nucleocapsid protein immunosensor. <i>Mikrochimica Acta</i> , 2021, 188, 425.	5.0	44
87	A molecularly imprinted electrochemical biosensor based on hierarchical Ti ₂ Nb ₁₀ O ₂₉ (TNO) for glucose detection. <i>Mikrochimica Acta</i> , 2022, 189, 24.	5.0	44
88	Sensitive and selective electrochemical detection of bisphenol A based on SBA-15 like Cu-PMO modified glassy carbon electrode. <i>Food Chemistry</i> , 2021, 358, 129763.	8.2	43
89	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> , 2020, 9, 101006.	1.8	43
90	A sensitive voltammetric sensor for determination of Cd(II) in human plasma. <i>Journal of Molecular Liquids</i> , 2014, 197, 58-64.	4.9	41

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91	Fabrication of Pt/Pd Nanoparticles/Polyoxometalate/Ionic Liquid Nanohybrid for Electrochemical Oxidation of Methanol. <i>Journal of the Electrochemical Society</i> , 2018, 165, F338-F341.	2.9	41
92	Electrochemical studies on the interaction of an antibacterial drug nitrofurantoin with DNA. <i>Journal of Electroanalytical Chemistry</i> , 2011, 653, 56-60.	3.8	40
93	Adsorptive properties of molasses modified boron enrichment waste based nanoclay for removal of basic dyes. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 34, 244-249.	5.8	40
94	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> , 2018, 165, H897-H902.	2.9	40
95	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> , 2021, 25, 101293.	3.0	40
96	Oxytocin imprinted polymer based surface plasmon resonance sensor and its application to milk sample. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 842-848.	7.8	37
97	Facile and green fabrication of silver nanoparticles on a polyoxometalate for Li-ion battery. <i>Ionics</i> , 2015, 21, 2193-2199.	2.4	37
98	Heterostructures of mesoporous TiO ₂ and SnO ₂ nanocatalyst for improved electrochemical oxidation ability of vitamin B6 in pharmaceutical tablets. <i>Journal of Colloid and Interface Science</i> , 2019, 542, 45-53.	9.4	35
99	Efficient Direct Methanol Fuel Cell Based on Graphene Quantum Dots/Multi-walled Carbon Nanotubes Composite. <i>Electroanalysis</i> , 2020, 32, 1977-1982.	2.9	35
100	Carbohydrate antigen 19-9 electrochemical immunosensor based on 1D-MoS ₂ nanorods/LiNb ₃ O ₈ and polyoxometalate-incorporated gold nanoparticles. <i>Microchemical Journal</i> , 2021, 170, 106643.	4.5	34
101	Determination of rutin by CoFe ₂ O ₄ nanoparticles ionic liquid nanocomposite as a voltammetric sensor. <i>Journal of Molecular Liquids</i> , 2017, 246, 350-353.	4.9	33
102	Electrochemical detection of atrazine in wastewater samples by copper oxide (CuO) nanoparticles ionic liquid modified electrode. <i>Journal of Molecular Liquids</i> , 2017, 248, 360-363.	4.9	33
103	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> , 2013, 188, 1723-1742.	1.6	31
104	Fabrication of bimetallic Pt/Pd nanoparticles on 2-thiolbenzimidazole functionalized reduced graphene oxide for methanol oxidation. <i>Ionics</i> , 2016, 22, 593-600.	2.4	31
105	Recent advances in developing optical and electrochemical sensors for analysis of methamphetamine: A review. <i>Chemosphere</i> , 2021, 278, 130393.	8.2	31
106	Electrochemical β -fetoprotein immunosensor based on Fe ₃ O ₄ NPs@covalent organic framework decorated gold nanoparticles and magnetic nanoparticles including SiO ₂ @TiO ₂ . <i>Mikrochimica Acta</i> , 2022, 189, .	5.0	24
107	Biosynthesis of silver nanoparticles using chitosan immobilized <i>Bacillus cereus</i> : Nanocatalytic studies. <i>Journal of Molecular Liquids</i> , 2013, 188, 81-88.	4.9	23
108	Development of Novel Nanocomposites Based on Graphene/Graphene Oxide and Electrochemical Sensor Applications. <i>Current Analytical Chemistry</i> , 2019, 15, 159-165.	1.2	21

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109	Electrochemical Sensor Based on Au@nitrogen-Doped Carbon Quantum Dots@Ag Core-Shell Composite Including Molecular Imprinted Polymer for Metobromuron Recognition. Journal of the Electrochemical Society, 2019, 166, H691-H697.	2.9	19
110	Mechanism of methanol decomposition on the Cu-Embedded graphene: A DFT study. International Journal of Hydrogen Energy, 2023, 48, 6624-6637.	7.1	17
111	Determination of Tobramycin by Square Wave Voltammetry from Milk Sample through the Modified Polymer Inclusion Membrane with Reduced Graphene Oxide. ECS Journal of Solid State Science and Technology, 2017, 6, M152-M155.	1.8	11
112	Theoretical Insights into the NH ₃ Decomposition Mechanism on the Cu- and Pt- Embedded Graphene Surfaces: A DFT Approach. ECS Journal of Solid State Science and Technology, 2021, 10, 101008.	1.8	11
113	Effects of silver nanoparticles added into polyurea coating on sulfate-reducing bacteria activity and electrochemical properties; an environmental nano-biotechnology investigation. Environmental Research, 2021, 198, 111251.	7.5	10
114	Design of Co-Sn bimetallic nanoalloys as electrocatalyst for alkaline methanol oxidation reaction: Exploring the effect of electroactivation process. Fuel, 2022, 319, 123727.	6.4	9
115	Application of polyoxometalate/carbon nitride nanotubes nanocomposite for directly methanol oxidation. Pamukkale University Journal of Engineering Sciences, 2019, 25, 904-906.	0.4	1
116	Mapping and Scientometric Measures on Research Publications of Energy Storage and Conversion. Topics in Catalysis, 0, , 1.	2.8	0