

# Mohammad Ajmal Ali

## List of Publications by Year in descending order

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112  
papers

2,599  
citations

185998

28  
h-index

233125

45  
g-index

112  
all docs

112  
docs citations

112  
times ranked

3343  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytochemical profiling and GC-MS analysis of <i>Vitis rotundifolia</i> pulp extract (Jumbo muscadine). <i>Applied Nanoscience (Switzerland)</i> , 2023, 13, 685-692.	1.6	1
2	Molecular modelling studies unveil potential binding sites on human serum albumin for selected experimental and in silico COVID-19 drug candidate molecules. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 53-64.	1.8	10
3	Mechanochemical synthesis of ternary heterojunctions TiO <sub>2</sub> (A)/TiO <sub>2</sub> (R)/ZnO and TiO <sub>2</sub> (A)/TiO <sub>2</sub> (R)/SnO <sub>2</sub> for effective charge separation in semiconductor photocatalysis: A comparative study. <i>Environmental Research</i> , 2022, 203, 111841.	3.7	32
4	Detection of trizole contaminated waste water using biocatalyst and effective biodegradation potential of flubendiamide. <i>Environmental Research</i> , 2022, 206, 112264.	3.7	1
5	Reduction of multiple antibiotics from the waste water using coated glutathione S-transferase producing biocatalyst. <i>Environmental Research</i> , 2022, 206, 112262.	3.7	12
6	Sensory, functional characteristics and <i>in vitro</i> digestibility of snacks supplemented with non-traditional ingredient raw and processed fenugreek. <i>International Journal of Food Science and Technology</i> , 2022, 57, 4716-4725.	1.3	1
7	A disposable modified screen-printed electrode using egg white/ZnO rice structured composite as practical tool electrochemical sensor for formaldehyde detection and its comparative electrochemical study with Chitosan/ZnO nanocomposite. <i>Chemosphere</i> , 2022, 288, 132560.	4.2	23
8	In silico analyses of major active constituents of fingerroot ( <i>Boesenbergia rotunda</i> ) unveils inhibitory activities against SARS-CoV-2 main protease enzyme. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 65-74.	1.8	14
9	Maternal and developmental toxicity of Bisphenol-A in SWR/J mice. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 1543-1549.	1.8	4
10	Insights into plastome of <i>Fagonia indica</i> Burm.f. (Zygophyllaceae): organization, annotation and phylogeny. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 1313-1321.	1.8	0
11	Artesunate induces substantial topological alterations in the SARS-CoV-2 Nsp1 protein structure. <i>Journal of King Saud University - Science</i> , 2022, 34, 101810.	1.6	8
12	Structural and functional insights into the major mutations of SARS-CoV-2 Spike RBD and its interaction with human ACE2 receptor. <i>Journal of King Saud University - Science</i> , 2022, 34, 101773.	1.6	9
13	Electrocatalytic detection of noxious antioxidant diphenylamine in fruit samples with support of Cu@nanoporous carbon modified sensor. <i>Chemosphere</i> , 2022, 292, 133400.	4.2	9
14	Reactive Oxygen Species-Mediated Cytotoxicity in Liver Carcinoma Cells Induced by Silver Nanoparticles Biosynthesized Using <i>Schinus Molle</i> Extract. <i>Nanomaterials</i> , 2022, 12, 161.	1.9	14
15	Surface engineering of gadolinium oxide nanoseeds with nitrogen-doped carbon quantum dots: an efficient nanocomposite for precise detection of antibiotic drug cloquinol. <i>New Journal of Chemistry</i> , 2022, 46, 4090-4102.	1.4	9
16	Differential gene expression analysis following olfactory learning in honeybee ( <i>Apis mellifera</i> L.). <i>PLoS ONE</i> , 2022, 17, e0262441.	1.1	0
17	Transcriptome characterization of <i>Larrea tridentata</i> and identification of genes associated with phenylpropanoid metabolic pathways. <i>PLoS ONE</i> , 2022, 17, e0265231.	1.1	1
18	An in silico approach unveils the potential of antiviral compounds in preclinical and clinical trials as SARS-CoV-2 omicron inhibitors. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 103297.	1.8	11

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19	Potential of antiviral peptide-based SARS-CoV-2 inactivators to combat COVID-19. <i>PLoS ONE</i> , 2022, 17, e0268919.	1.1	2
20	Green sonochemical synthesis and fabrication of cubic MnFe <sub>2</sub> O <sub>4</sub> electrocatalyst decorated carbon nitride nanohybrid for neurotransmitter detection in serum samples. <i>Ultrasonics Sonochemistry</i> , 2021, 70, 105305.	3.8	12
21	Electrochemical sensing base for hazardous herbicide aclonifen using gadolinium niobate (GdNbO <sub>4</sub> ) nanoparticles-actual river water and soil sample analysis. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111285.	2.9	10
22	The potential of Paritaprevir and Emetine as inhibitors of SARS-CoV-2 RdRp. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1426-1432.	1.8	11
23	Protective Effect of Capparis spinosa Extract against Potassium Bromate Induced Oxidative Stress and Genotoxicity in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-15.	0.5	6
24	Identification of potential SARS-CoV-2 entry inhibitors by targeting the interface region between the spike RBD and human ACE2. <i>Journal of Infection and Public Health</i> , 2021, 14, 227-237.	1.9	11
25	Plastome of <i>Saraca asoca</i> (Detarioideae, Fabaceae): Annotation, comparison among subfamily and molecular typing. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1487-1493.	1.8	5
26	Phylotranscriptomic analysis of <i>Dillenia indica</i> L. (Dilleniales, Dilleniaceae) and its systematics implication. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1557-1560.	1.8	1
27	Tailoring of bismuth vanadate impregnated on molybdenum/graphene oxide sheets for sensitive detection of environmental pollutants 2, 4, 6 trichlorophenol. <i>Ecotoxicology and Environmental Safety</i> , 2021, 211, 111934.	2.9	19
28	Identification of novel drug candidates for the inhibition of catalytic cleavage activity of coronavirus 3CL-like protease enzyme. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, .	0.9	1
29	A novel hybrid construction of MnMoO <sub>4</sub> nanorods anchored graphene nanosheets; an efficient electrocatalyst for the picomolar detection of ecological pollutant ornidazole in water and urine samples. <i>Chemosphere</i> , 2021, 273, 129665.	4.2	35
30	An Updated Review of Computer-Aided Drug Design and Its Application to COVID-19. <i>BioMed Research International</i> , 2021, 2021, 1-18.	0.9	95
31	The cp genome characterization of <i>Adenium obesum</i> : Gene content, repeat organization and phylogeny. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3768-3775.	1.8	4
32	Molecular docking and dynamics simulation study of bioactive compounds from <i>Ficus carica</i> L. with important anticancer drug targets. <i>PLoS ONE</i> , 2021, 16, e0254035.	1.1	32
33	Amelioration of indole acetic acid-induced cytotoxicity in mice using zinc nanoparticles biosynthesized with <i>Ochradenus arabicus</i> leaf extract. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 7190-7201.	1.8	3
34	Identification of SARS-CoV-2 inhibitors from extracts of <i>Houttuynia cordata</i> Thunb.. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 7517-7527.	1.8	13
35	Temperature-enabled reversible "On/Off" switch-like hazardous herbicide picloram voltammetric sensor in agricultural and environmental samples based on thermo-responsive PVCL-tethered MWCNT@Au catalyst. <i>Journal of Hazardous Materials</i> , 2021, 402, 123672.	6.5	13
36	Plastome data analysis of <i>Cucumis melo</i> subsp. <i>agrestis</i> . <i>Bioinformatics</i> , 2021, 17, 646-651.	0.2	0

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37	Comparative plastome data analysis of <i>Dendrosicyos socotranus</i> and <i>Corallocarpus boehmii</i> . <i>Bioinformatics</i> , 2021, 17, 662-666.	0.2	0
38	Comparative analysis of cp genome of <i>Fagonia indica</i> growing in desert and its implications in pattern of similarity and variations. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 229-232.	1.8	2
39	Seed Priming with Jasmonic Acid Counteracts Root Knot Nematode Infection in Tomato by Modulating the Activity and Expression of Antioxidative Enzymes. <i>Biomolecules</i> , 2020, 10, 98.	1.8	26
40	Sonochemical approach to the synthesis of metal tungstate/nafion composite with electrocatalytic properties and its electrochemical sensing performance. <i>Ultrasonics Sonochemistry</i> , 2020, 66, 104901.	3.8	5
41	A feasible sonochemical approach to synthesize CuO@CeO <sub>2</sub> nanomaterial and their enhanced non-enzymatic sensor performance towards neurotransmitter. <i>Ultrasonics Sonochemistry</i> , 2020, 63, 104903.	3.8	17
42	Facile synthesis of copper ferrite nanoparticles with chitosan composite for high-performance electrochemical sensor. <i>Ultrasonics Sonochemistry</i> , 2020, 63, 104902.	3.8	30
43	High-performance SERS detection of pesticides using BiOCl-BiOBr@Pt/Au hybrid nanostructures on styrofoams as 3D functional substrate. <i>Mikrochimica Acta</i> , 2020, 187, 580.	2.5	14
44	Plastome comparison and evolution within the tribes of Plantaginaceae: Insights from an Asian gypsyweed. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3489-3498.	1.8	3
45	Structure-based virtual screening of phytochemicals and repurposing of FDA approved antiviral drugs unravels lead molecules as potential inhibitors of coronavirus 3C-like protease enzyme. <i>Journal of King Saud University - Science</i> , 2020, 32, 2845-2853.	1.6	30
46	Platelet-structured strontium titanate perovskite decorated on graphene oxide as a nanocatalyst for electrochemical determination of neurotransmitter dopamine. <i>New Journal of Chemistry</i> , 2020, 44, 18431-18441.	1.4	13
47	In silico screening of FDA approved drugs reveals ergotamine and dihydroergotamine as potential coronavirus main protease enzyme inhibitors. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2674-2682.	1.8	18
48	Ultrasonic preparation and nanosheets supported binary metal oxide nanocomposite for the effective application towards the electrochemical sensor. <i>Ultrasonics Sonochemistry</i> , 2020, 64, 105007.	3.8	17
49	Complete chloroplast genome of medicinally important poisonous shrub <i>Adenium obesum</i> (Forssk.) Roem. & Schult. (Apocynaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 568-569.	0.2	2
50	Sonochemical synthesis of novel thermo-responsive polymer and tungsten dioxide composite for the temperature-controlled reversible $\alpha$ - $\beta$ electrochemical detection of $\beta$ -Blocker metoprolol. <i>Ultrasonics Sonochemistry</i> , 2020, 64, 105008.	3.8	6
51	Sonochemical synthesis of graphitic carbon nitrides-wrapped bimetal oxide nanoparticles hybrid materials and their electrocatalytic activity for xanthine electro-oxidation. <i>Ultrasonics Sonochemistry</i> , 2020, 64, 105006.	3.8	11
52	Physiological, Biochemical and Reproductive Studies on <i>Valeriana wallichii</i> , a Critically Endangered Medicinal Plant of the Himalayan Region Grown under In-Situ and Ex-Situ Conditions. <i>Plants</i> , 2020, 9, 131.	1.6	4
53	Complete chloroplast genome of vulnerable medicinal plant <i>Saraca asoca</i> (Fabaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 754-755.	0.2	1
54	Ultrasonic-assisted preparation and characterization of magnetic ZnFe <sub>2</sub> O <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> nanomaterial and their applications towards electrocatalytic reduction of 4-nitrophenol. <i>Ultrasonics Sonochemistry</i> , 2020, 68, 105071.	3.8	38

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55	Sonochemical preparation of carbon nanosheets supporting cuprous oxide architecture for high performance and non-enzymatic electrochemical sensor in biological samples. <i>Ultrasonics Sonochemistry</i> , 2020, 66, 105072.	3.8	6
56	Molecular docking elucidates the plausible mechanisms underlying the anticancer properties of acetyldigitoxigenin from <i>Adenium obesum</i> . <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1907-1911.	1.8	6
57	Unravelling lead antiviral phytochemicals for the inhibition of SARS-CoV-2 Mpro enzyme through in silico approach. <i>Life Sciences</i> , 2020, 255, 117831.	2.0	132
58	The potential of antioxidant activity of methanolic extract of <i>Coscinium fenestratum</i> (Goetgh.) Colebr (Menispermaceae). <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1037-1042.	1.8	8
59	Evaluating Ternary Metal Oxide (TMO) core-shell nanocomposites for the rapid determination of the anti-neoplastic drug Chlorambucil (Leukeran <sup>®</sup> , <sup>®</sup> ) by electrochemical approaches. <i>Materials Science and Engineering C</i> , 2019, 103, 109724.	3.8	24
60	Complete chloroplast genome of the hot desert herb <i>Fagonia indica</i> (Zygophyllaceae) from south-central Arabia. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 3904-3905.	0.2	0
61	Evaluation of a labdane diterpene forskolin isolated from <i>Solena amplexicaulis</i> (Lam.) Gandhi (Cucurbitaceae) revealed promising antidiabetic and antihyperlipidemic pharmacological properties. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1710-1715.	1.8	0
62	Cytogenotoxic effects of <i>Adenium obesum</i> seeds extracts on breast cancer cells. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 547-553.	1.8	12
63	Molecular authentication of <i>Anthemis deserti</i> Boiss. (Asteraceae) based on ITS2 region of nrDNA gene sequence. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 155-159.	1.8	2
64	Sonochemical synthesis of bismuth(III) oxide decorated reduced graphene oxide nanocomposite for detection of hormone (epinephrine) in human and rat serum. <i>Ultrasonics Sonochemistry</i> , 2019, 51, 103-110.	3.8	56
65	Sonochemically recovered silver oxide nanoparticles from the wastewater of photo film processing units as an electrode material for supercapacitor and sensing of 2, 4, 6-trichlorophenol in agricultural soil samples. <i>Ultrasonics Sonochemistry</i> , 2019, 50, 255-264.	3.8	46
66	A novel triterpenoid 16-hydroxy betulinic acid isolated from <i>Mikania cordata</i> attributes multi-faced pharmacological activities. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 554-562.	1.8	7
67	Hierarchically structured CuFe <sub>2</sub> O <sub>4</sub> /RGO composite for the detection of oxidative stress biomarker in biological fluids. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 944-950.	3.0	49
68	The binding proximity of methyl $\beta$ -lilacinobioside isolated from <i>Caralluma retropiciens</i> with topoisomerase II attributes apoptosis in breast cancer cell line. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 1826-1833.	1.8	1
69	Evaluation of anti-nociceptive, anti-inflammatory and antipyretic potential of <i>Mikania cordata</i> (Burm.) Tj ETQq1 1 0,784314 rgBT /Ove	1.8	7
70	Ethnomedicinal assessment of Irula tribes of Walayar valley of Southern Western Ghats, India. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 760-775.	1.8	26
71	Evaluation of traditional medicinal plant, <i>Cissus setosa</i> Roxb. (Vitaceae) for antiulcer property. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 293-297.	1.8	12
72	Pharmacological credence of the folklore use of <i>Bauhinia malabarica</i> in the management of jaundice. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 22-26.	1.8	9

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73	Determination of 8-hydroxy-2- $\alpha$ -deoxyguanosine oxidative stress biomarker using dysprosium oxide nanoparticles@reduced graphene oxide. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2885-2892.	3.0	45
74	Determination of the antioxidant propyl gallate in meat by using a screen-printed electrode modified with CoSe <sub>2</sub> nanoparticles and reduced graphene oxide. <i>Mikrochimica Acta</i> , 2018, 185, 520.	2.5	28
75	Species-specific molecular signature of Commiphora species of Saudi Arabia inferred from internal transcribed spacer sequences of nuclear ribosomal DNA. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 1298-1301.	1.8	2
76	Reduced graphene oxide supported raspberry-like SrWO <sub>4</sub> for sensitive detection of catechol in green tea and drinking water samples. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 89, 215-223.	2.7	46
77	Detection of Pesticide Residues (Fenitrothion) in Fruit Samples Based On Niobium Carbide@Molybdenum Nanocomposite: An Electrocatalytic Approach. <i>Analytica Chimica Acta</i> , 2018, 1030, 52-60.	2.6	80
78	Synthesis and characterization of manganese diselenide nanoparticles (MnSeNPs): Determination of capsaicin by using MnSeNP-modified glassy carbon electrode. <i>Mikrochimica Acta</i> , 2018, 185, 313.	2.5	13
79	Determination of Neurotransmitter in Biological and Drug Samples Using Gold Nanorods Decorated f-MWCNTs Modified Electrode. <i>Journal of the Electrochemical Society</i> , 2018, 165, B370-B377.	1.3	56
80	A Green Approach to the Synthesis of Well-Structured Prussian Blue Cubes for the Effective Electrocatalytic Reduction of Antiprotozoal Agent Coccidiostat Nicarbazin. <i>Electroanalysis</i> , 2018, 30, 1669-1677.	1.5	18
81	Synthesis and application of bismuth ferrite nanosheets supported functionalized carbon nanofiber for enhanced electrochemical detection of toxic organic compound in water samples. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 59-69.	5.0	45
82	Binding of small molecules at interface of protein-protein complex: A newer approach to rational drug design. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 379-388.	1.8	19
83	Metallated porphyrin noncovalent interaction with reduced graphene oxide-modified electrode for amperometric detection of environmental pollutant hydrazine. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3703.	1.7	36
84	One-pot synthesis of three-dimensional Mn <sub>3</sub> O <sub>4</sub> microcubes for high-level sensitive detection of head and neck cancer drug nimorazole. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 1193-1201.	5.0	17
85	A highly sensitive and selective electrochemical determination of non-steroidal prostate anti-cancer drug nilutamide based on f-MWCNT in tablet and human blood serum sample. <i>Journal of Colloid and Interface Science</i> , 2017, 487, 289-296.	5.0	61
86	Development of electrochemical sensor for the determination of palladium ions (Pd <sup>2+</sup> ) using flexible screen printed un-modified carbon electrode. <i>Journal of Colloid and Interface Science</i> , 2017, 485, 123-128.	5.0	24
87	Simultaneous determination of dopamine and uric acid in the presence of high ascorbic acid concentration using cetyltrimethylammonium bromide-polyaniline/activated charcoal composite. <i>RSC Advances</i> , 2016, 6, 100605-100613.	1.7	40
88	Flame synthesis of nitrogen doped carbon for the oxygen reduction reaction and non-enzymatic methyl parathion sensor. <i>RSC Advances</i> , 2016, 6, 71507-71516.	1.7	38
89	A non-covalent interaction of Schiff base copper alanine complex with green synthesized reduced graphene oxide for highly selective electrochemical detection of nitrite. <i>RSC Advances</i> , 2016, 6, 107416-107425.	1.7	13
90	Silver nanoparticles synthesized from <i>Adenium obesum</i> leaf extract induced DNA damage, apoptosis and autophagy via generation of reactive oxygen species. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 141, 158-169.	2.5	142



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91	Assessment of biological activity and UPLC-MS based chromatographic profiling of ethanolic extract of <i>Ochradenus arabicus</i> . Saudi Journal of Biological Sciences, 2016, 23, 229-236.	1.8	7
92	Potentiostatic Electrochemical Preparation of Bismuth Nanoribbons and its Application in Biologically Poisoning Lead and Cadmium Heavy Metal Ions Detection. Electroanalysis, 2015, 27, 2341-2346.	1.5	8
93	Palladium nanoparticles decorated on activated fullerene modified screen printed carbon electrode for enhanced electrochemical sensing of dopamine. Journal of Colloid and Interface Science, 2015, 448, 251-256.	5.0	74
94	A sensitive and selective enzyme-free amperometric glucose biosensor using a composite from multi-walled carbon nanotubes and cobalt phthalocyanine. RSC Advances, 2015, 5, 26762-26768.	1.7	46
95	Enzymatic glucose biosensor based on bismuth nanoribbons electrochemically deposited on reduced graphene oxide. Mikrochimica Acta, 2015, 182, 2165-2172.	2.5	16
96	Antimicrobial efficacy of green synthesized drug blended silver nanoparticles against dental caries and periodontal disease causing microorganisms. Materials Science and Engineering C, 2015, 56, 374-379.	3.8	108
97	An Amperometric Biological Toxic Hydrazine Sensor Based on Multiwalled Carbon Nanotubes and Iron Tetrasulfonated Phthalocyanine Composite Modified Electrode. Electroanalysis, 2015, 27, 1403-1410.	1.5	17
98	Green synthesized silver nanoparticles decorated on reduced graphene oxide for enhanced electrochemical sensing of nitrobenzene in waste water samples. RSC Advances, 2015, 5, 31139-31146.	1.7	73
99	Highly sensing graphene oxide/poly-arginine-modified electrode for the simultaneous electrochemical determination of buspirone, isoniazid and pyrazinamide drugs. Ionics, 2015, 21, 547-555.	1.2	38
100	The changing epitome of species identification - DNA barcoding. Saudi Journal of Biological Sciences, 2014, 21, 204-231.	1.8	77
101	Green biosynthesis of silver nanoparticles and nanomolar detection of p-nitrophenol. Journal of Solid State Electrochemistry, 2014, 18, 1847-1854.	1.2	70
102	Poly(basic red 9) doped functionalized multi-walled carbon nanotubes as composite films for neurotransmitters biosensors. Colloids and Surfaces B: Biointerfaces, 2014, 118, 133-139.	2.5	22
103	Effect of Electrostatic Interaction on Electrodeposition of Nickel Hexacyanoferrate with Functional MWCNTs and Their Application for the Determination of Persulfate and Tannic Acid. Electroanalysis, 2014, 26, 971-979.	1.5	8
104	Electropolymerized Diphenylamine on Functionalized Multiwalled Carbon Nanotube Composite Film and Its Application to Develop a Multifunctional Biosensor. Electroanalysis, 2014, 26, 399-408.	1.5	10
105	Electrochemical determination of selected antihypertensive and antituberculosis drugs at a tyrosine-modified electrode. Analytical Methods, 2014, 6, 6774-6782.	1.3	26
106	Enhanced electrocatalytic oxidation of isoniazid at electrochemically modified rhodium electrode for biological and pharmaceutical analysis. Colloids and Surfaces B: Biointerfaces, 2014, 121, 444-450.	2.5	50
107	Direct electrochemistry of glucose oxidase immobilized on ZrO <sub>2</sub> nanoparticles-decorated reduced graphene oxide sheets for a glucose biosensor. RSC Advances, 2014, 4, 30358-30367.	1.7	51
108	An electrocatalytic oxidation and voltammetric method using a chemically reduced graphene oxide film for the determination of caffeic acid. Journal of Colloid and Interface Science, 2014, 423, 33-40.	5.0	48

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109	Electrochemical oxidation and determination of norepinephrine in the presence of acetaminophen using MnO <sub>2</sub> nanoparticle decorated reduced graphene oxide sheets. <i>Analytical Methods</i> , 2014, 6, 6504-6513.	1.3	19
110	Detection of real sample DNA at a cadmium sulfide “ chitosan/gelatin modified electrode. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 113, 85-91.	2.5	12
111	Taxonomic significance of trichomes micromorphology in cucurbits. <i>Saudi Journal of Biological Sciences</i> , 2011, 18, 87-92.	1.8	18
112	Molecular systematic study of <i>Cardamine glechomifolia</i> Levl. (Brassicaceae) using internal transcribed spacer sequence of nuclear ribosomal DNA (ITS) and chloroplast trnL and trnL-F sequences. <i>Saudi Journal of Biological Sciences</i> , 2010, 17, 275-290.	1.8	6