

# Mani Govindasamy

## List of Publications by Year in descending order

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Version: 2024-02-01

124  
papers

4,829  
citations

70961

41  
h-index

128067

60  
g-index

124  
all docs

124  
docs citations

124  
times ranked

3406  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave assisted synthesis and characterization of Fe <sup>3+</sup> -O-Fe <sup>3+</sup> sublattice magnetic moment influencing ferromagnetism exhibited erbium orthoferrite sublattice (ErFeO <sub>3</sub> ) perovskite nanopowders. <i>Journal of Alloys and Compounds</i> , 2022, 890, 161825.	2.8	4
2	Surfactant-dependant self organisation of nickel pyrophosphate for electrochemical supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 9269-9276.	1.1	6
3	Synergetic effect of the ultrasonic-assisted hydrothermal process on the photocatalytic performance of MoS <sub>2</sub> and WS <sub>2</sub> nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 8858-8867.	1.1	4
4	Solvothermal synthesis of silver tungstate integrated with carbon nitrides matrix composites for highly sensitive electrochemical nitrofurans derivative sensing in biological samples. <i>Analytica Chimica Acta</i> , 2022, 1192, 339355.	2.6	18
5	Effect of chitosan-incorporated Fe <sub>3</sub> O <sub>4</sub> nanocomposites on the photocatalytic removal of organic molecules. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 9570-9579.	1.1	5
6	Effectively constructed by the interior and interface coexisting design of cobalt-doped NiFe <sub>2</sub> S <sub>4</sub> nanosheets for high-performance supercapacitors. <i>International Journal of Energy Research</i> , 2022, 46, 9358-9370.	2.2	6
7	Electrochemical Sensing of Glucose Using Glucose Oxidase/PEDOT:4-Sulfocalix [4]arene/MXene Composite Modified Electrode. <i>Micromachines</i> , 2022, 13, 304.	1.4	28
8	MoS <sub>2</sub> Sphere/2D S-Ti <sub>3</sub> C <sub>2</sub> MXene Nanocatalysts on Laser-Induced Graphene Electrodes for Hazardous Aristolochic Acid and Roxarsone Electrochemical Detection. <i>ACS Applied Nano Materials</i> , 2022, 5, 3252-3264.	2.4	49
9	Colloidal synthesis of perovskite-type lanthanum aluminate incorporated graphene oxide composites: Electrochemical detection of nitrite in meat extract and drinking water. <i>Mikrochimica Acta</i> , 2022, 189, 210.	2.5	18
10	Surface engineering of 3D spinel Zn <sub>3</sub> V <sub>2</sub> O <sub>8</sub> wrapped on sulfur doped graphitic nitride composites: Investigation on the dual role of electrocatalyst for simultaneous detection of antibiotic drugs in biological fluids. <i>Composites Part B: Engineering</i> , 2022, 242, 110017.	5.9	28
11	Influence of PrFeO <sub>3</sub> compositions on the magnetic properties of PrFeO <sub>3</sub> /PrO <sub>2</sub> nanocomposites: structural, optical, and magnetic studies. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 18565-18586.	1.1	2
12	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
13	Recent trends in the applications of thermally expanded graphite for energy storage and sensors – a review. <i>Nanoscale Advances</i> , 2021, 3, 6294-6309.	2.2	46
14	Pyrolic-Nitrogen-Containing Hierarchical Porous Biocarbon for Enhanced Sodium-Ion Energy Storage. <i>Energy &amp; Fuels</i> , 2021, 35, 5320-5332.	2.5	14
15	Rational construction of novel strontium hexaferrite decorated graphitic carbon nitrides for highly sensitive detection of neurotoxic organophosphate pesticide in fruits. <i>Electrochimica Acta</i> , 2021, 371, 137756.	2.6	32
16	Electrocatalyst based on Ni-MOF intercalated with amino acid-functionalized graphene nanoplatelets for the determination of endocrine disruptor bisphenol A. <i>Analytica Chimica Acta</i> , 2021, 1150, 338228.	2.6	31
17	Hydrothermally synthesized cubical zinc manganite nanostructure for electrocatalytic detection of sulfadiazine. <i>Mikrochimica Acta</i> , 2021, 188, 131.	2.5	26
18	An enhanced electrochemical performance of in milk, pigeon meat and eggs samples using se nanorods capped with Co <sub>3</sub> O <sub>4</sub> nanoflowers decorated on graphene oxide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 200, 111577.	2.5	21

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19	Effects of sonochemical approach and induced contraction of core-shell bismuth sulfide/graphitic carbon nitride as an efficient electrode materials for electrocatalytic detection of antibiotic drug in foodstuffs. <i>Ultrasonics Sonochemistry</i> , 2021, 72, 105445.	3.8	32
20	N-doped reduced graphene oxide anchored with Ta <sub>2</sub> O <sub>5</sub> for energy and environmental remediation: Efficient light-driven hydrogen evolution and simultaneous degradation of textile dyes. <i>Advanced Powder Technology</i> , 2021, 32, 2202-2212.	2.0	23
21	Graphene oxide@Ce-doped TiO <sub>2</sub> nanoparticles as electrocatalyst materials for voltammetric detection of hazardous methyl parathion. <i>Mikrochimica Acta</i> , 2021, 188, 216.	2.5	20
22	Design and Fabrication of Yttrium Ferrite Garnet-Embedded Graphitic Carbon Nitride: A Sensitive Electrocatalyst for Smartphone-Enabled Point-of-Care Pesticide (Mesotrione) Analysis in Food Samples. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 24865-24876.	4.0	42
23	Surface engineering of rose-like lanthanum molybdate electrocatalyst modified screen-printed carbon electrode for robust and highly sensitive sensing of antibiotic drug. <i>Microchemical Journal</i> , 2021, 164, 106044.	2.3	22
24	Visible light driven reduced graphene oxide supported ZnMgAl LTH/ZnO/g-C <sub>3</sub> N <sub>4</sub> nanohybrid photocatalyst with notable two-dimension formation for enhanced photocatalytic activity towards organic dye degradation. <i>Environmental Research</i> , 2021, 197, 111079.	3.7	34
25	Synergetic effect of Sn doped ZnO nanoparticles synthesized via ultrasonication technique and its photocatalytic and antibacterial activity. <i>Environmental Research</i> , 2021, 197, 111115.	3.7	47
26	The catalytic reactivity of titanium dioxide supported on SBA-15 catalyst for selective oxidation of benzyl alcohol. <i>Journal of Porous Materials</i> , 2021, 28, 1787-1796.	1.3	8
27	Bismuth telluride decorated on graphitic carbon nitrides based binary nanosheets: Its application in electrochemical determination of salbutamol (feed additive) in meat samples. <i>Journal of Hazardous Materials</i> , 2021, 413, 125265.	6.5	28
28	Highly selective fluorogenic chemosensor for cyanide ion in aqueous medium and its applications of logic gate and HeLa cells. <i>Journal of Molecular Liquids</i> , 2021, 334, 116076.	2.3	15
29	Fabrication of Strontium Molybdate Incorporated with Graphitic Carbon Nitride Composite: High-sensitive Amperometric Sensing Platform of Food Additive in Foodstuffs. <i>Microchemical Journal</i> , 2021, 167, 106307.	2.3	17
30	Fabrication of highly sensitive anticancer drug sensor based on heterostructured ZnO-Co <sub>3</sub> O <sub>4</sub> capped on carbon nitride nanomaterials. <i>Microchemical Journal</i> , 2021, 167, 106244.	2.3	18
31	Synergistic photocatalytic activity of SnO <sub>2</sub> /PANI nanocomposite for the removal of direct blue 15 under UV light irradiation. <i>Ceramics International</i> , 2021, 47, 29225-29231.	2.3	16
32	Facile solid-state synthesis of layered molybdenum boride-based electrode for efficient electrochemical aqueous asymmetric supercapacitor. <i>Journal of Alloys and Compounds</i> , 2021, 877, 160192.	2.8	32
33	Deep eutectic solvents synthesis of perovskite type cerium aluminate embedded carbon nitride catalyst: High-sensitive amperometric platform for sensing of glucose in biological fluids. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 102, 312-320.	2.9	33
34	Facile fabrication of novel heterostructured tin disulfide (SnS <sub>2</sub> )/tin sulfide (SnS)/N-CNO composite with improved energy storage capacity for high-performance supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2021, 899, 115695.	1.9	51
35	An electrochemical sensing of phenolic derivative 4-Cyanophenol in environmental water using a facile-constructed Aurivillius-structured Bi <sub>2</sub> MoO <sub>6</sub> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111701.	2.9	17
36	[Zn(Salen)] metal complex-derived ZnO-implanted carbon slabs as anode material for lithium-ion and sodium-ion batteries. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3886-3896.	3.2	9

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37	A disposable electrode modified with metal orthovanadate and sulfur-reduced graphene oxide for electrochemical detection of <b>anti-rheumatic drug</b>. <i>New Journal of Chemistry</i> , 2021, 45, 19858-19867.	1.4	5
38	Ni foam conductive substrate supported interwoven ZnCo <sub>2</sub> S <sub>4</sub> nanowires with highly enhanced performances for supercapacitors. <i>Journal of Energy Storage</i> , 2021, 44, 103417.	3.9	16
39	A simple sonochemical assisted synthesis of NiMoO <sub>4</sub> /chitosan nanocomposite for electrochemical sensing of amlodipine in pharmaceutical and serum samples. <i>Ultrasonics Sonochemistry</i> , 2020, 64, 104827.	3.8	30
40	Highly sensitive determination of cancer toxic mercury ions in biological and human sustenance samples based on green and robust synthesized stannic oxide nanoparticles decorated reduced graphene oxide sheets. <i>Analytica Chimica Acta</i> , 2020, 1137, 181-190.	2.6	21
41	Investigation of sonochemically synthesized sphere-like metal tungstate nanocrystals decorated activated carbon sheets network and its application towards highly sensitive detection of arsenic drug in biological samples. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 114, 211-219.	2.7	20
42	A nanocomposite consisting of cuprous oxide supported on graphitic carbon nitride nanosheets for non-enzymatic electrochemical sensing of 8-hydroxy-2-â€²-deoxyguanosine. <i>Mikrochimica Acta</i> , 2020, 187, 459.	2.5	31
43	Cobalt molybdate nanorods decorated on boron-doped graphitic carbon nitride sheets for electrochemical sensing of furazolidone. <i>Mikrochimica Acta</i> , 2020, 187, 654.	2.5	40
44	Eutectic Solvent-Mediated Synthesis of NiFe-LDH/Sulfur-Doped Carbon Nitride Arrays: Investigation of Electrocatalytic Activity for the Dimetridazole Sensor in Human Sustenance. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 17772-17782.	3.2	84
45	Surfactant-free solvothermal synthesis of Cu-MOF via protonation-deprotonation approach: A morphological dependent electrocatalytic activity for therapeutic drugs. <i>Mikrochimica Acta</i> , 2020, 187, 650.	2.5	19
46	Deep eutectic solvent-based manganese molybdate nanosheets for sensitive and simultaneous detection of human lethal compounds: comparing the electrochemical performances of M-molybdate (M = Mg, Fe, and Mn) electrocatalysts. <i>Nanoscale</i> , 2020, 12, 19719-19731.	2.8	49
47	Review on Carbon Nanotube Varieties for Healthcare Application: Effect of Preparation Methods and Mechanism Insight. <i>Processes</i> , 2020, 8, 1654.	1.3	14
48	A ternary nanocomposite based on nickel(<sc>iii</sc>) oxide@f-CNF/rGO for efficient electrochemical detection of an antipsychotic drug (Klonopin) in biological samples. <i>New Journal of Chemistry</i> , 2020, 44, 10250-10257.	1.4	25
49	Sonochemical synthesis and fabrication of perovskite type calcium titanate interfacial nanostructure supported on graphene oxide sheets as a highly efficient electrocatalyst for electrochemical detection of chemotherapeutic drug. <i>Ultrasonics Sonochemistry</i> , 2020, 69, 105242.	3.8	22
50	Layered nanocomposite of zinc sulfide covered reduced graphene oxide and their implications for electrocatalytic applications. <i>Ultrasonics Sonochemistry</i> , 2020, 64, 105036.	3.8	25
51	Sonochemical preparation of carbon nanosheets supporting cuprous oxide architecture for highâ€ performance and non-enzymatic electrochemical sensor in biological samples. <i>Ultrasonics Sonochemistry</i> , 2020, 66, 105072.	3.8	6
52	Two-dimensional binary nanosheets (Bi <sub>2</sub> Te <sub>3</sub> @g-C <sub>3</sub> N <sub>4</sub> ): Application toward the electrochemical detection of food toxic chemical. <i>Analytica Chimica Acta</i> , 2020, 1125, 220-230.	2.6	36
53	Simple and Highly Selective Electrochemical Sensor Constructed Using Silver Molybdate Nano-Wire Modified Electrodes for the Determination of Oxidative Stress Biomarker in Blood Serum and Lens Cleaning Solution. <i>Journal of the Electrochemical Society</i> , 2020, 167, 147501.	1.3	12
54	Facile sonochemical synthesis of porous and hierarchical manganese(III) oxide tiny nanostructures for super sensitive electrocatalytic detection of antibiotic (chloramphenicol) in fresh milk. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104648.	3.8	28

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55	A sensitive electrochemical determination of chemotherapy agent using graphitic carbon nitride covered vanadium oxide nanocomposite; sonochemical approach. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104664.	3.8	18
56	Novel sonochemical synthesis of Fe <sub>3</sub> O <sub>4</sub> nanospheres decorated on highly active reduced graphene oxide nanosheets for sensitive detection of uric acid in biological samples. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104618.	3.8	48
57	Facile Synthesis of Tungsten Carbide Nanosheets for Trace Level Detection of Toxic Mercury Ions in Biological and Contaminated Sewage Water Samples: An Electrocatalytic Approach. <i>Journal of the Electrochemical Society</i> , 2019, 166, B761-B770.	1.3	26
58	A novel electrochemical sensor for determination of DNA damage biomarker (8-hydroxy-2'-deoxyguanosine) in urine using sonochemically derived graphene oxide sheets covered zinc oxide flower modified electrode. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104622.	3.8	53
59	A screen-printed electrode modified with tungsten disulfide nanosheets for nanomolar detection of the arsenic drug roxarsone. <i>Mikrochimica Acta</i> , 2019, 186, 420.	2.5	62
60	A novel nanocomposite with superior electrocatalytic activity: A magnetic property based ZnFe <sub>2</sub> O <sub>4</sub> nanocubes embellished with reduced graphene oxide by facile ultrasonic approach. <i>Ultrasonics Sonochemistry</i> , 2019, 57, 116-124.	3.8	14
61	Facile synthesis of copper(II) oxide nanospheres covered on functionalized multiwalled carbon nanotubes modified electrode as rapid electrochemical sensing platform for super-sensitive detection of antibiotic. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104596.	3.8	25
62	Developing green sonochemical approaches towards the synthesis of highly integrated and interconnected carbon nanofiber decorated with Sm <sub>2</sub> O <sub>3</sub> nanoparticles and their use in the electrochemical detection of toxic 4-nitrophenol. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104595.	3.8	31
63	One-pot sonochemical synthesis of Bi <sub>2</sub> WO <sub>6</sub> nanospheres with multilayer reduced graphene nanosheets modified electrode as rapid electrochemical sensing platform for high sensitive detection of oxidative stress biomarker in biological sample. <i>Ultrasonics Sonochemistry</i> , 2019, 57, 233-241.	3.8	22
64	Facile sonochemical synthesis of perovskite-type SrTiO <sub>3</sub> nanocubes with reduced graphene oxide nanocatalyst for an enhanced electrochemical detection of $\alpha$ -amino acid (tryptophan). <i>Ultrasonics Sonochemistry</i> , 2019, 56, 193-199.	3.8	96
65	Ultrasound-assisted synthesis of tungsten trioxide entrapped with graphene nanosheets for developing nanomolar electrochemical (hormone) sensor and enhanced sensitivity of the catalytic performance. <i>Ultrasonics Sonochemistry</i> , 2019, 56, 134-142.	3.8	51
66	A novel electrochemical sensor for the detection of oxidative stress and cancer biomarker (4-nitroquinoline N-oxide) based on iron nitride nanoparticles with multilayer reduced graphene nanosheets modified electrode. <i>Sensors and Actuators B: Chemical</i> , 2019, 291, 120-129.	4.0	30
67	Ultrasound-assisted synthesis of $\alpha$ -MnS (alabandite) nanoparticles decorated reduced graphene oxide hybrids: Enhanced electrocatalyst for electrochemical detection of Parkinson's disease biomarker. <i>Ultrasonics Sonochemistry</i> , 2019, 56, 378-385.	3.8	20
68	Facile synthesis of mesoporous WS <sub>2</sub> nanorods decorated N-doped RGO network modified electrode as portable electrochemical sensing platform for sensitive detection of toxic antibiotic in biological and pharmaceutical samples. <i>Ultrasonics Sonochemistry</i> , 2019, 56, 430-436.	3.8	37
69	Sonochemical synthesis of perovskite-type barium titanate nanoparticles decorated on reduced graphene oxide nanosheets as an effective electrode material for the rapid determination of ractopamine in meat samples. <i>Ultrasonics Sonochemistry</i> , 2019, 56, 318-326.	3.8	36
70	Rapid sonochemical synthesis of silver nano-leaves encapsulated on iron pyrite nanocomposite: An excellent catalytic application in the electrochemical detection of herbicide (Acifluorfen). <i>Ultrasonics Sonochemistry</i> , 2019, 54, 90-98.	3.8	13
71	A relative study on sonochemically synthesized mesoporous WS <sub>2</sub> nanorods & hydrothermally synthesized WS <sub>2</sub> nanoballs towards electrochemical sensing of psychoactive drug (Clonazepam). <i>Ultrasonics Sonochemistry</i> , 2019, 54, 79-89.	3.8	32
72	Facile synthesis and characterization of erbium oxide (Er <sub>2</sub> O <sub>3</sub> ) nanospheres embellished on reduced graphene oxide nanomatrix for trace-level detection of a hazardous pollutant causing Methemoglobinaemia. <i>Ultrasonics Sonochemistry</i> , 2019, 56, 422-429.	3.8	32

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73	Facile synthesis of copper sulfide decorated reduced graphene oxide nanocomposite for high sensitive detection of toxic antibiotic in milk. <i>Ultrasonics Sonochemistry</i> , 2019, 52, 382-390.	3.8	65
74	Graphene oxide encapsulated 3D porous chalcopyrite (CuFeS <sub>2</sub> ) nanocomposite as an emerging electrocatalyst for agro-hazardous (methyl paraoxon) detection in vegetables. <i>Composites Part B: Engineering</i> , 2019, 160, 268-276.	5.9	83
75	Microwave-assisted synthesis of europium(III) oxide decorated reduced graphene oxide nanocomposite for detection of chloramphenicol in food samples. <i>Composites Part B: Engineering</i> , 2019, 161, 29-36.	5.9	59
76	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
77	Fabrication of hierarchical NiCo <sub>2</sub> S <sub>4</sub> @CoS <sub>2</sub> nanostructures on highly conductive flexible carbon cloth substrate as a hybrid electrode material for supercapacitors with enhanced electrochemical performance. <i>Electrochimica Acta</i> , 2019, 293, 328-337.	2.6	169
78	Sonochemical synthesis of graphene oxide sheets supported Cu <sub>2</sub> S nanodots for high sensitive electrochemical determination of caffeic acid in red wine and soft drinks. <i>Composites Part B: Engineering</i> , 2019, 158, 419-427.	5.9	51
79	Hierarchically structured CuFe <sub>2</sub> O <sub>4</sub> ND@RGO composite for the detection of oxidative stress biomarker in biological fluids. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 944-950.	3.0	49
80	One-Pot Biosynthesis of Reduced Graphene Oxide/Prussian Blue Microcubes Composite and Its Sensitive Detection of Prophylactic Drug Dimetridazole. <i>Journal of the Electrochemical Society</i> , 2018, 165, B27-B33.	1.3	41
81	A novel synthesis of non-aggregated spinel nickel ferrite nanosheets for developing non-enzymatic reactive oxygen species sensor in biological samples. <i>Journal of Electroanalytical Chemistry</i> , 2018, 820, 161-167.	1.9	43
82	Effects of annealing temperature on crystal structure and glucose sensing properties of cuprous oxide. <i>Sensors and Actuators B: Chemical</i> , 2018, 266, 655-663.	4.0	33
83	Anodized Aluminium Oxide Coating for Sensitive Sensing of Folic acid in Vegetables and Control of Dyeing. <i>International Journal of Electrochemical Science</i> , 2018, , 4613-4624.	0.5	1
84	Determination of 8-hydroxy-2'-deoxyguanosine oxidative stress biomarker using dysprosium oxide nanoparticles@reduced graphene oxide. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2885-2892.	3.0	45
85	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
86	Graphene Oxide/±MnO <sub>2</sub> Binary Nanosheets Based Non-Enzymatic Biosensor for Pico-Molar Level Electrochemical Detection of Biomarker (Guanine) in DNA Sample. <i>Journal of the Electrochemical Society</i> , 2018, 165, B651-B658.	1.3	26
87	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
88	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
89	Determination of oxidative stress biomarker 3-nitro-l-tyrosine using CdWO <sub>4</sub> nanodots decorated reduced graphene oxide. <i>Sensors and Actuators B: Chemical</i> , 2018, 272, 274-281.	4.0	62
90	Determination of Neurotransmitter in Biological and Drug Samples Using Gold Nanorods Decorated MWCNTs Modified Electrode. <i>Journal of the Electrochemical Society</i> , 2018, 165, B370-B377.	1.3	56

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91	Microwave-assisted synthesis of Bi <sub>2</sub> WO <sub>6</sub> flowers decorated graphene nanoribbon composite for electrocatalytic sensing of hazardous dihydroxybenzene isomers. <i>Composites Part B: Engineering</i> , 2018, 152, 220-230.	5.9	68
92	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
93	A Facile synthesis of ultra-small cerium oxide nanoparticles for enhanced Electrochemical Detection of Nitrobenzene in water samples. <i>International Journal of Electrochemical Science</i> , 2018, 13, 6135-6143.	0.5	6
94	Electrochemical determination of morin in Kiwi and Strawberry fruit samples using vanadium pentoxide nano-flakes. <i>Journal of Colloid and Interface Science</i> , 2017, 504, 626-632.	5.0	41
95	Methyl parathion detection in vegetables and fruits using silver@graphene nanoribbons nanocomposite modified screen printed electrode. <i>Scientific Reports</i> , 2017, 7, 46471.	1.6	152
96	A facile graphene oxide based sensor for electrochemical detection of prostate anti-cancer (anti-testosterone) drug flutamide in biological samples. <i>RSC Advances</i> , 2017, 7, 25702-25709.	1.7	80
97	Reduced Graphene Oxide Supported Cobalt Bipyridyl Complex for Sensitive Detection of Methyl Parathion in Fruits and Vegetables. <i>Electroanalysis</i> , 2017, 29, 1950-1960.	1.5	43
98	Biosynthesis of silver nanoparticles by using <i>Camellia japonica</i> leaf extract for the electrocatalytic reduction of nitrobenzene and photocatalytic degradation of Eosin-Y. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 170, 164-172.	1.7	85
99	Nanocomposites composed of layered molybdenum disulfide and graphene for highly sensitive amperometric determination of methyl parathion. <i>Mikrochimica Acta</i> , 2017, 184, 725-733.	2.5	97
100	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
101	Core-shell heterostructured multiwalled carbon nanotubes@reduced graphene oxide nanoribbons/chitosan, a robust nanobiocomposite for enzymatic biosensing of hydrogen peroxide and nitrite. <i>Scientific Reports</i> , 2017, 7, 11910.	1.6	104
102	Highly sensitive determination of non-steroidal anti-inflammatory drug nimesulide using electrochemically reduced graphene oxide nanoribbons. <i>RSC Advances</i> , 2017, 7, 33043-33051.	1.7	53
103	Highly Sensitive and Selective Detection of Phenolic Compound in River and Drinking Water Samples Using One-Pot Synthesized 3D-Cobalt Oxide Polyhedrons. <i>Journal of the Electrochemical Society</i> , 2017, 164, B463-B469.	1.3	15
104	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
105	3D graphene oxide-cobalt oxide polyhedrons for highly sensitive non-enzymatic electrochemical determination of hydrogen peroxide. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 773-783.	4.0	131
106	Graphene Oxide Nanoribbons Film Modified Screen-Printed Carbon Electrode for Real-Time Detection of Methyl Parathion in Food Samples. <i>Journal of the Electrochemical Society</i> , 2017, 164, B403-B408.	1.3	51
107	Screen-printed electrode modified with a composite prepared from graphene oxide nanosheets and Mn <sub>3</sub> O <sub>4</sub> microcubes for ultrasensitive determination of nitrite. <i>Mikrochimica Acta</i> , 2017, 184, 3625-3634.	2.5	67
108	Molybdenum disulfide nanosheets coated multiwalled carbon nanotubes composite for highly sensitive determination of chloramphenicol in food samples milk, honey and powdered milk. <i>Journal of Colloid and Interface Science</i> , 2017, 485, 129-136.	5.0	153

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109	Determination of Non-Steroidal Anti-Inflammatory Drug (NSAID) Azathioprine in Human Blood Serum and Tablet Samples Using Multi-Walled Carbon Nanotubes (MWCNTs) Decorated Manganese Oxide Microcubes Composite Film Modified Electrode. International Journal of Electrochemical Science, 2017, 12, 7446-7456.	0.5	25
110	Highly Sensitive Determination of Folic Acid Using Graphene Oxide Nanoribbon Film Modified Screen Printed Carbon Electrode. International Journal of Electrochemical Science, 2017, 12, 475-484.	0.5	19
111	Determination of Folic Acid Using Graphene/Molybdenum Disulfide Nanosheets/Gold Nanoparticles Ternary Composite. International Journal of Electrochemical Science, 2017, 12, 258-267.	0.5	45
112	MWCNTs/MoS <sub>2</sub> Decorated Cobalt Oxide Polyhedrons Composite Film Modified Electrode for Electrochemical Determination of Dopamine in Rat Brain and Human Blood Serum Samples. International Journal of Electrochemical Science, 2017, 12, 7435-7445.	0.5	24
113	Electrochemical Study of Nitrobenzene Reduction Using Potentiostatic Preparation of Leaf Like Silver Microstructure. International Journal of Electrochemical Science, 2016, 11, 6164-6172.	0.5	12
114	Sensitive and Selective Determination of Uric Acid Using Polyaniline and Iron Composite Film Modified Electrode. International Journal of Electrochemical Science, 2016, 11, 8730-8737.	0.5	18
115	Polyaniline/nickel Composite Film Modified Electrode for Sensitive Electrochemical Determination of Ascorbic Acid. International Journal of Electrochemical Science, 2016, 11, 10806-10814.	0.5	18
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