Tesfaye T Waryo

List of Publications by Year
in descending order

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		471509	477307
40	886	17	29
papers	citations	h-index	g-index

41	41	41	1281
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Alpha-Glucosidase and Alpha-Amylase Inhibitory Activities of Novel Abietane Diterpenes from Salvia africana-lutea. Antioxidants, 2019, 8, 421.	5.1	39
2	Electrochemical Polymerization. Polymers and Polymeric Composites, 2019, , 105-131.	0.6	15
3	Electrochemical Screening and Evaluation of Lamiaceae Plant Species from South Africa with Potential Tyrosinase Activity. Sensors, 2019, 19, 1035.	3.8	7
4	Manganese Peroxidase-Based Electro-Oxidation of Bisphenol A at Hydrogellic Polyaniline-Titania Nanocomposite-Modified Glassy Carbon Electrode. Electrocatalysis, 2019, 10, 323-331.	3.0	12
5	Electrochemical Polymerization. Polymers and Polymeric Composites, 2019, , 1-28.	0.6	3
6	Dendritic copolymer electrode for second harmonic alternating current voltammetric signalling of pyrene in oil-polluted wastewater. Talanta, 2019, 196, 204-210.	5.5	7
7	Electrochemical determination of phenothrin in fruit juices at graphene oxide-polypyrrole modified glassy carbon electrode. Sensing and Bio-Sensing Research, 2018, 21, 27-34.	4.2	6
8	Phase Selective Alternating Current Voltammetric Signalling Protocol: Application in Dendritic Coâ€polymer Sensor for Anthracene. Electroanalysis, 2017, 29, 1887-1893.	2.9	5
9	Electrode Material Properties and Modelling of 1-Methyl-3- octylimmidazolium bis(trifluoromethylsulfonyl)imide Ionic Liquid/ Paraffin Carbon Pastes. International Journal of Electrochemical Science, 2016, , 4410-4426.	1.3	0
10	Label Free Poly(2,5-dimethoxyaniline)â€“Multi-Walled Carbon Nanotubes Impedimetric Immunosensor for Fumonisin B1 Detection. Materials, 2016, 9, 273.	2.9	19
11	Bimetallic Nanocomposites of Palladium (100) and Ruthenium for Electrooxidation of Ammonia. Journal of Nano Research, 2016, 44, 100-113.	0.8	3
12	Electropolymerization and spectroelectrochemical properties of poly(4,7-dithien-2-yl-2,1,3-benzothiadiazole) films in three 1-butyl-3-methylimidazolium ionic liquids. Materials Chemistry and Physics, 2016, 171, 57-62.	4.0	6
13	AC voltammetric transductions and sensor application of a novel dendritic poly(propylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 227, 320-327.	7.8	11
14	Electrochemical Interrogation of G3-Poly(propylene thiophenoimine) Dendritic Star Polymer in Phenanthrene Sensing. Sensors, 2015, 15, 22343-22363.	3.8	13
15	Aptameric Recognition-Modulated Electroactivity of Poly(4-Styrenesolfonic Acid)-Doped Polyaniline Films for Single-Shot Detection of Tetrodotoxin. Sensors, 2015, 15, 22547-22560.	3.8	24
16	Application on Gold Nanoparticles-Dotted 4-Nitrophenylazo Graphene in a Label-Free Impedimetric Deoxynivalenol Immunosensor. Sensors, 2015, 15, 3854-3871.	3.8	37
17	Graphenated tantalum(IV) oxide and poly(4-styrene sulphonic acid)-doped polyaniline nanocomposite as cathode material in an electrochemical capacitor. Electrochimica Acta, 2014, 128, 226-237.	5.2	18
18	Chemically amplified cytochrome P450-2E1 drug metabolism nanobiosensor for rifampicin anti-tuberculosis drug. Electrochimica Acta, 2014, 128, 149-155.	5.2	24

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19	Impedimetry and microscopy of electrosynthetic poly(propylene imine)-co-polypyrrole conducting dendrimeric star copolymers. Electrochimica Acta, 2014, 128, 448-457.	5.2	9
20	Amplification of the discharge current density of lithium-ion batteries with spinel phase Li(PtAu)0.02Mn1.98O4 nano-materials. Electrochimica Acta, 2014, 128, 178-183.	5.2	5
21	Modulation of the matrix effect of nafion on tris(bipyridine) ruthenium(II) electrochemical probes by functionalisation with 4-nitrophenylazo graphene-gold nanocomposite. Electrochimica Acta, 2014, 128, 128-137.	5.2	10
22	Constitution of novel polyamic acid/polypyrrole composite films by in-situ electropolymerization. Electrochimica Acta, 2014, 128, 439-447.	5.2	16
23	Highly sensitive gold-overoxidized polypyrrole nanocomposite immunosensor for antitransglutaminase antibody. Journal of Bioactive and Compatible Polymers, 2013, 28, 167-177.	2.1	10
24	Electrochemical Evaluation of a Novel Boron Doped Diamond (BDD) Material for Application as Potential Electrochemical Capacitor. Analytical Letters, 2011, 44, 2005-2018.	1.8	5
25	Overoxidized Polypyrrole Incorporated with Gold Nanoparticles as Platform for Impedimetric Anti-Transglutaminase Immunosensor. Analytical Letters, 2011, 44, 1956-1966.	1.8	9
26	Electrochemical Ochratoxin A Immunosensor System Developed on Sulfonated Polyaniline. Electroanalysis, 2011, 23, 122-128.	2.9	24
27	Hydroxy-Iron/Î²-cyclodextrin-Film Amperometric Sensor for the Endocrine Disruptor Substance Bisphenol-A in an Aqueous Medium with Reduced Fouling Effects. Analytical Letters, 2011, 44, 2047-2060.	1.8	4
28	Electrochemical nitrite nanosensor developed with amine- and sulphate-functionalised polystyrene latex beads self-assembled on polyaniline. Electrochimica Acta, 2010, 55, 4274-4280.	5.2	32
29	Ferrocenium hexafluorophosphate-induced nanofibrillarity of polyanilineâ€“polyvinyl sulfonate electropolymer and application in an amperometric enzyme biosensor. Electrochimica Acta, 2010, 55, 4267-4273.	5.2	32
30	Electrochemical Aptasensor for Endocrine Disrupting 17Î²-Estradiol Based on a Poly(3,4-ethylenedioxylthiopene)-Gold Nanocomposite Platform. Sensors, 2010, 10, 9872-9890.	3.8	128
31	Determination of Anthracene on Ag-Au Alloy Nanoparticles/Overoxidized-Polypyrrole Composite Modified Glassy Carbon Electrodes. Sensors, 2010, 10, 9449-9465.	3.8	62
32	Amperometric Hydrogen Peroxide Sensors with Multivalent Metal Oxide-Modified Electrodes for Biomedical Analysis. IFMBE Proceedings, 2009, , 829-833.	0.3	1
33	Electrochemical Nanobiosensor for Glyphosate Herbicide and Its Metabolite. Electroanalysis, 2009, 21, 671-674.	2.9	25
34	Novel therapeutic biosensor for indinavirâ€”A protease inhibitor antiretroviral drug. Journal of Pharmaceutical and Biomedical Analysis, 2009, 49, 498-501.	2.8	25
35	Microsomal cytochrome P450-3A4 (CYP3A4) nanobiosensor for the determination of 2,4-dichlorophenolâ€”An endocrine disruptor compound. Electrochimica Acta, 2009, 54, 1925-1931.	5.2	39
36	Amperometric nanobiosensor for quantitative determination of glyphosate and glufosinate residues in corn samples. Pure and Applied Chemistry, 2009, 81, 123-139.	1.9	37

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37	Electrochemical Immunosensor Based on Polythionine/Gold Nanoparticles for the Determination of Aflatoxin B1. Sensors, 2008, 8, 8262-8274.	3.8	106
38	An Electrochemical DNA Biosensor Developed on a Nanocomposite Platform of Gold and Poly(propyleneimine) Dendrimer. Sensors, 2008, 8, 6791-6809.	3.8	47
39	A Novel Polyaniline Nanocomposite with Doping Effects of Poly(Methyl Methacrylate) and TiO₂ Nanoparticles. Journal of Nano Research, 0, 44, 281-292.	0.8	6
40	Optoelectronics of Stochiometrically Controlled Palladium Telluride Quantum Dots. Journal of Nano Research, 0, 40, 29-45.	0.8	4