

# Yassien M Temerk

## List of Publications by Year in descending order

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67  
papers

1,317  
citations

279487

23  
h-index

433756

31  
g-index

70  
all docs

70  
docs citations

70  
times ranked

1197  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new sensor based on In doped CeO <sub>2</sub> nanoparticles modified glassy carbon paste electrode for sensitive determination of uric acid in biological fluids. <i>Sensors and Actuators B: Chemical</i> , 2016, 224, 868-877.	4.0	61
2	Novel sensor for sensitive electrochemical determination of luteolin based on In <sub>2</sub> O <sub>3</sub> nanoparticles modified glassy carbon paste electrode. <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 744-752.	4.0	59
3	A novel electrochemical sensor based on B doped CeO <sub>2</sub> nanocubes modified glassy carbon microspheres paste electrode for individual and simultaneous determination of xanthine and hypoxanthine. <i>Sensors and Actuators B: Chemical</i> , 2016, 232, 125-137.	4.0	58
4	Square Wave Cathodic Adsorptive Stripping Voltammetric Determination of the Anticancer Drugs Flutamide and Irinotecan in Biological Fluids Using Renewable Pencil Graphite Electrodes. <i>Electroanalysis</i> , 2016, 28, 372-379.	1.5	47
5	A facile fabrication of platinum nanoparticle-modified graphite pencil electrode for highly sensitive detection of hydrogen peroxide. <i>Journal of Electroanalytical Chemistry</i> , 2015, 740, 68-74.	1.9	44
6	Sensitive electrochemical sensor for simultaneous determination of uric acid and xanthine in human biological fluids based on the nano-boron doped ceria modified glassy carbon paste electrode. <i>Journal of Electroanalytical Chemistry</i> , 2016, 780, 176-186.	1.9	44
7	Square wave adsorptive stripping voltammetric determination of anticancer drug nilutamide in biological fluids using cationic surfactant cetyltrimethylammonium bromide. <i>Analytical Methods</i> , 2015, 7, 9137-9144.	1.3	36
8	Electrochemical studies and spectroscopic investigations on the interaction of an anticancer drug flutamide with DNA and its analytical applications. <i>Journal of Electroanalytical Chemistry</i> , 2015, 736, 1-7.	1.9	36
9	Voltammetric and spectroscopic studies on binding of antitumor Morin, Morin-Cu complex and Morin- $\beta$ -cyclodextrin with DNA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 71, 1830-1836.	2.0	35
10	Synthesis and characterization of layered FePS <sub>3</sub> for hydrogen uptake. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 7827-7834.	3.8	31
11	Interactions of an anticancer drug lomustine with single and double stranded DNA at physiological conditions analyzed by electrochemical and spectroscopic methods. <i>Journal of Electroanalytical Chemistry</i> , 2016, 769, 62-71.	1.9	31
12	398 - Electrochemical behavior of mono- and oligonucleotides. VIII. Voltammetric studies on the interfacial behaviour of mono-, di- and triphosphate of cytidine. <i>Bioelectrochemistry</i> , 1980, 7, 705-722.	1.0	29
13	Cathodic Adsorptive Stripping Voltammetric Determination of the Antitumor Drug Rutin in Pharmaceuticals, Human Urine, and Blood Serum. <i>Mikrochimica Acta</i> , 2006, 153, 7-13.	2.5	28
14	Interaction of antitumor flavonoids with dsDNA in the absence and presence of Cu(II). <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3839-3846.	1.9	28
15	Binding mode and thermodynamic studies on the interaction of the anticancer drug dacarbazine and dacarbazine-Cu(II) complex with single and double stranded DNA. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 95, 26-33.	1.4	27
16	A novel disposable electrochemical sensor based on modifying graphite pencil lead electrode surface with nanoacetylene black for simultaneous determination of antiandrogens flutamide and cyproterone acetate. <i>Journal of Electroanalytical Chemistry</i> , 2020, 859, 113836.	1.9	27
17	Reduction of azo-compounds. I. Polarographic behaviour of some 4-hydroxyazo compounds at the dropping mercury electrode. <i>Electrochimica Acta</i> , 1973, 18, 139-144.	2.6	25
18	Interactions of an anticancer drug Formestane with single and double stranded DNA at physiological conditions. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 149, 27-36.	1.7	25

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19	Application of stripping voltammetry at a static mercury drop electrode for the determination of aluminium and iron in Portland cement. <i>Analytica Chimica Acta</i> , 1997, 353, 313-318.	2.6	24
20	Synthesis and characterization of MnPS3 for hydrogen sorption. <i>Journal of Solid State Chemistry</i> , 2010, 183, 984-987.	1.4	24
21	Electrochemical sensor for individual and simultaneous determination of guanine and adenine in biological fluids and in DNA based on a nano-In <sup>2</sup> O <sub>3</sub> /ceria modified glassy carbon paste electrode. <i>RSC Advances</i> , 2016, 6, 90220-90231.	1.7	24
22	Synergistic electrocatalytic activity of In <sub>2</sub> O <sub>3</sub> @FMWCNTs nanocomposite for electrochemical quantification of dobutamine in clinical patient blood and in injection dosage form. <i>Talanta</i> , 2020, 208, 120362.	2.9	24
23	Square-wave cathodic adsorptive stripping voltammetric determination of 3-hydroxyflavone, Morin and Hesperidin in bulk form and biological fluids in absence and presence of Cu(II). <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 2056-2064.	0.6	23
24	Indium oxide nanoparticles modified carbon paste electrode for sensitive voltammetric determination of aromatase inhibitor formestane. <i>Sensors and Actuators B: Chemical</i> , 2015, 209, 630-638.	4.0	23
25	Fabrication of a new biosensor based on a Sn doped ceria nanoparticle modified glassy carbon paste electrode for the selective determination of the anticancer drug dacarbazine in pharmaceuticals. <i>RSC Advances</i> , 2017, 7, 32357-32366.	1.7	23
26	Adsorptive stripping voltammetric determination of anticancer drug lomustine in biological fluids using in situ mercury film coated graphite pencil electrode. <i>Journal of Electroanalytical Chemistry</i> , 2016, 760, 135-142.	1.9	22
27	A novel sensor based on nanobiocomposite Au- $\text{Al}_2\text{O}_3$ -chitosan modified acetylene black paste electrode for sensitive detection of antimycotic ciclopirox olamine. <i>Talanta</i> , 2018, 179, 75-85.	2.9	22
28	Comparative studies on the interaction of anticancer drug irinotecan with dsDNA and ssDNA. <i>RSC Advances</i> , 2018, 8, 25387-25395.	1.7	22
29	Fabrication of a novel electrochemical sensor based on Zn <sup>2+</sup> /In <sub>2</sub> O <sub>3</sub> nanorods coated glassy carbon microspheres paste electrode for square wave voltammetric determination of neuroprotective hibifolin in biological fluids and in the flowers of hibiscus vitifolius. <i>Journal of Electroanalytical Chemistry</i> , 2016, 782, 9-18.	1.9	19
30	Simultaneous Anodic Adsorptive Stripping Voltammetric Determination of Luteolin and 3-Hydroxyflavone in Biological Fluids Using Renewable Pencil Graphite Electrodes. <i>Electroanalysis</i> , 2019, 31, 1095-1103.	1.5	19
31	A novel electrochemical sensor based on gold nanoparticles decorated functionalized carbon nanofibers for selective determination of xanthine oxidase inhibitor febuxostat in plasma of patients with gout. <i>Sensors and Actuators B: Chemical</i> , 2021, 347, 130626.	4.0	18
32	Renewable Pencil Electrodes for Highly Sensitive Anodic Stripping Voltammetric Determination of 3-Hydroxyflavone and Morin in Bulk Form and in Biological Fluids. <i>Electroanalysis</i> , 2013, 25, 1381-1387.	1.5	17
33	A novel megestrol acetate electrochemical sensor based on conducting functionalized acetylene black/CeO <sub>2</sub> NPs nanohybrids decorated glassy carbon microspheres. <i>Talanta</i> , 2019, 200, 324-332.	2.9	17
34	Polarography of eosin and erythrosin in solutions of varying pH at the DME. <i>Electrochimica Acta</i> , 1973, 18, 265-270.	2.6	16
35	Gold nanoparticles anchored graphitized carbon nanofibers ionic liquid electrode for ultrasensitive and selective electrochemical sensing of anticancer drug irinotecan. <i>Mikrochimica Acta</i> , 2020, 187, 579.	2.5	16
36	The effect of pH on the adsorption and the association of cytidine, cytidine-5'-monophosphate and cytidine-5'-diphosphate at the charged interface. <i>Bioelectrochemistry</i> , 1986, 16, 485-495.	1.0	15

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37	Electrochemical Behaviour of the Anticancer Dacarbazine@Cu <sup>2+</sup> Complex and Its Analytical Applications. <i>Electroanalysis</i> , 2011, 23, 1638-1644.	1.5	15
38	Comparison of the voltammetric studies at mercury and glassy carbon electrodes for the interaction of lumichrome with DNA and analytical applications. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 375, 1024-1030.	1.9	14
39	Adsorption stages and association of 1-methylguanosine and 7-methylguanosine in solutions of varying pH at charged interfaces. <i>Bioelectrochemistry</i> , 1984, 12, 205-216.	1.0	13
40	Differential pulse polarographic determination of poly(8-hydroxyquinoline) in the presence and absence of an insulating poly(vinyl alcohol) matrix. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 372, 843-848.	1.9	13
41	A novel electrochemical sensor based on functionalized glassy carbon microparticles@CeO <sub>2</sub> core-shell for ultrasensitive detection of breast anticancer drug exemestane in patient plasma and pharmaceutical dosage form. <i>Microchemical Journal</i> , 2021, 167, 106264.	2.3	13
42	Surface decoration of functionalized carbon black nanoparticles with nanosized gold particles for electrochemical sensing of diuretic spironolactone in patient plasma. <i>Microchemical Journal</i> , 2022, 178, 107425.	2.3	13
43	Chelate adsorption for trace voltammetric measurements of 2-thiouracil and 4-thiouridine. <i>Talanta</i> , 1994, 41, 659-662.	2.9	12
44	Ultra-Sensitive Anodic Stripping Voltammetry for the Determination of Xanthine at a Glassy Carbon Electrode. <i>Mikrochimica Acta</i> , 2004, 144, 249-256.	2.5	12
45	The interfacial behaviour of guanosine mono-, di- and triphosphate in solutions of varying pH at charged interfaces. <i>Bioelectrochemistry</i> , 1986, 16, 497-507.	1.0	11
46	Cathodic adsorptive stripping voltammetry of 6-thiopurine in absence and presence of some metal ions. <i>Fresenius' Journal of Analytical Chemistry</i> , 1993, 345, 733-736.	1.5	11
47	Adsorptive stripping voltammetric behaviour of hypoxanthine. <i>Analytica Chimica Acta</i> , 1996, 328, 47-52.	2.6	11
48	Polarographic behaviour of some arylidene benzoic hydrazides in solutions of varying pH at the dropping mercury electrode. <i>Electrochimica Acta</i> , 1980, 25, 1287-1291.	2.6	10
49	Electrochemical studies of ascorbic acid, dopamine, and uric acid at a norvaline-deposited glassy carbon electrode. <i>Canadian Journal of Chemistry</i> , 2014, 92, 329-336.	0.6	10
50	Kinetics of hydrolysis of some N <sup>2</sup> -(4-substituted benzylidene) salicylohydrazides. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1984, , 337-339.	0.9	9
51	Differential pulse polarographic determination of some nucleic acid components. <i>Bioelectrochemistry</i> , 1983, 11, 449-456.	1.0	8
52	Adsorptive stripping analysis of thiocytosine at the static mercury electrode surface. <i>Fresenius' Journal of Analytical Chemistry</i> , 1992, 342, 601-605.	1.5	8
53	Adsorption and association of 6-thiopurine and 6-thiopurine riboside at charged interfaces. <i>Analytica Chimica Acta</i> , 1994, 289, 329-337.	2.6	7
54	Voltammetry of adsorbed cancerostatic actinomycins. <i>Bioelectrochemistry</i> , 1995, 36, 149-156.	1.0	7

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55	Adsorption and association of xanthine in absence and presence of some divalent metal ions at the mercury/solution interface. <i>Electrochimica Acta</i> , 1996, 41, 2883-2892.	2.6	7
56	Differential Pulse and Square-Wave Cathodic Stripping Voltammetry of Xanthine and Xanthosine at a Mercury Electrode. <i>Analytical Sciences</i> , 2003, 19, 1115-1119.	0.8	7
57	Voltammetric studies of the adsorption and conformation of polyribocytidylic acid at the mercury electrode surface. <i>Bioelectrochemistry</i> , 1994, 34, 77-82.	1.0	5
58	Comparative studies of the interfacial behaviour of some nucleic acid bases with and without thio group. <i>Bioelectrochemistry</i> , 1995, 38, 359-365.	1.0	5
59	Studies on the Adsorption Characteristics of Azobenzene by Electrocapillary Measurements and Pulse Polarography at the Dropping Mercury Electrode. <i>Zeitschrift Fur Physikalische Chemie</i> , 1977, 106, 185-196.	1.4	3
60	Adsorption and Accumulation of Neutral Red at Mercury/Solution Interface. <i>Collection of Czechoslovak Chemical Communications</i> , 1995, 60, 65-75.	1.0	3
61	Studies on the chelation of cytosine, cytidine and cytidine phosphate with U(VI), Th(IV), Ce(III) and La(III). <i>Bioelectrochemistry</i> , 1984, 12, 475-484.	1.0	2
62	Application of differential pulse polarography for trace determination of polycytidylic acid in absence and presence of some metal ions. <i>Fresenius' Journal of Analytical Chemistry</i> , 1990, 336, 589-592.	1.5	2
63	Comparative Studies on the Interfacial Behaviour of Adenylyl-(3'-5'-Guanosine by Phase Sensitive AC Voltammetry, Pulse Voltammetry and Single Sweep Voltammetry at Charged Interfaces. <i>Analytical Letters</i> , 1992, 25, 293-303.	1.0	1
64	Chelate Adsorption for Trace Voltammetric Determination of Xanthosine 5'-Monophosphate and Xanthosine 5'-Diphosphate. <i>Mikrochimica Acta</i> , 2006, 153, 57-64.	2.5	1
65	The Polarographic Behaviour of Bromate Ions in Buffered and Unbuffered Solutions and the Effect of Surface Active Substances. <i>Journal of the Chinese Chemical Society</i> , 1988, 35, 45-52.	0.8	0
66	Individual and Simultaneous Square Wave Voltammetric Determination of the Anticancer Drugs Emodin and Irinotecan at Renewable Pencil Graphite Electrodes. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	0
67	Electrochemical Reduction and Oxidation of the Antibiotic Cefoxitin-Cu <sup>2+</sup> Complex and its Analytical Applications. <i>ChemistrySelect</i> , 2021, 6, 705-711.	0.7	0