Prosper Kanyong

List of Publications by Year
in descending order

24	599	566801 15	642321 23
papers	citations	h-index	g-index

25	25	25	1002
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of Cooperative Primer-Based Real-Time PCR Assays for the Detection of Plasmodium malariae and Plasmodium ovale. Journal of Molecular Diagnostics, 2021, 23, 1393-1403.	1.2	11
2	Polydopamine-functionalized graphene nanoplatelet smart conducting electrode for bio-sensing applications. Arabian Journal of Chemistry, 2020, 13, 1669-1677.	2.3	13
3	Graphene nanoplatelet-based sensor for the detection of dopamine and N-acetyl-p-aminophenol in urine. Arabian Journal of Chemistry, 2020, 13, 3218-3225.	2.3	10
4	Homogeneous functional self-assembled monolayers: Faradaic impedance baseline signal drift suppression for high-sensitivity immunosensing of C-reactive protein. Journal of Electroanalytical Chemistry, 2020, 856, 113675.	1.9	10
5	Functional Molecular Interfaces for Impedance-Based Diagnostics. Annual Review of Analytical Chemistry, 2020, 13, 183-200.	2.8	15
6	Ultrasensitive Impedimetric Immunosensor for the Detection of C-Reactive Protein in Blood at Surface-Initiated-Reversible Additionâ€“Fragmentation Chain Transfer Generated Poly(2-hydroxyethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.2	26
7	Recent Advances in the Development of Biosensors for Malaria Diagnosis. Sensors, 2020, 20, 799.	2.1	39
8	Rapid determination of salicylic acid at screen printed electrodes. Microchemical Journal, 2018, 137, 71-77.	2.3	29
9	Local diagnostics kits for Africa being developed in Ghana. Nature, 2018, 559, 181-181.	13.7	0
10	Enzyme-based amperometric galactose biosensors: a review. Mikrochimica Acta, 2017, 184, 3663-3671.	2.5	44
11	Label-free Detection of Prostate Specific Antigen at a Screen-printed Immunosensor Modified with a Nanostructured Gold Layer. Chemistry Letters, 2017, 46, 1728-1731.	0.7	2
12	A Disposable Amperometric Sensor Based on High-Performance PEDOT:PSS/Ionic Liquid Nanocomposite Thin Film-Modified Screen-Printed Electrode for the Analysis of Catechol in Natural Water Samples. Sensors, 2017, 17, 1716.	2.1	21
13	Recent Progress in the Development of Diagnostic Tests for Malaria. Diagnostics, 2017, 7, 54.	1.3	52
14	Investigating the Influence of Temperature on the Kaolinite-Base Synthesis of Zeolite and Urease Immobilization for the Potential Fabrication of Electrochemical Urea Biosensors. Sensors, 2017, 17, 1831.	2.1	20
15	Immunochemical Assays and Nucleic-Acid Detection Techniques for Clinical Diagnosis of Prostate Cancer. Journal of Cancer, 2016, 7, 523-531.	1.2	16
16	A Voltammetric Sensor Based on Chemically Reduced Graphene Oxide-Modified Screen-Printed Carbon Electrode for the Simultaneous Analysis of Uric Acid, Ascorbic Acid and Dopamine. Chemosensors, 2016, 4, 25.	1.8	30
17	Gold nanoparticle modified screen-printed carbon arrays for the simultaneous electrochemical analysis of lead and copper in tap water. Mikrochimica Acta, 2016, 183, 2361-2368.	2.5	38
18	Fabrication and electrochemical characterization of polydopamine redox polymer modified screen-printed carbon electrode for the detection of guanine. Sensors and Actuators B: Chemical, 2016, 233, 528-534.	4.0	61

#	Article	IF	Citations
19	Simultaneous electrochemical determination of dopamine and 5-hydroxyindoleacetic acid in urine using a screen-printed graphite electrode modified with gold nanoparticles. Analytical and Bioanalytical Chemistry, 2016, , 1.	1.9	9
20	A non-enzymatic sensor based on the redox of ferrocene carboxylic acid on ionic liquid film-modified screen-printed graphite electrode for the analysis of hydrogen peroxide residues in milk. Journal of Electroanalytical Chemistry, 2016, 766, 147-151.	1.9	36
21	Amperometric Screen-Printed Galactose Biosensor for Cell Toxicity Applications. Analytical Letters, 2016, 49, 236-244.	1.0	16
22	Maleimide functionalized silicon surfaces for biosensing investigated by in-situ IRSE and EQCM. Electrochemistry Communications, 2015, 51, 103-107.	2.3	12
23	Development of an amperometric screen-printed galactose biosensor for serum analysis. Analytical Biochemistry, 2013, 435, 114-119.	1.1	39
24	Development of a sandwich format, amperometric screen-printed uric acid biosensor for urine analysis. Analytical Biochemistry, 2012, 428, 39-43.	1.1	50