

# Prosper Kanyong

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

599  
citations

566801

15  
h-index

642321

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1002  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and electrochemical characterization of polydopamine redox polymer modified screen-printed carbon electrode for the detection of guanine. <i>Sensors and Actuators B: Chemical</i> , 2016, 233, 528-534.	4.0	61
2	Recent Progress in the Development of Diagnostic Tests for Malaria. <i>Diagnostics</i> , 2017, 7, 54.	1.3	52
3	Development of a sandwich format, amperometric screen-printed uric acid biosensor for urine analysis. <i>Analytical Biochemistry</i> , 2012, 428, 39-43.	1.1	50
4	Enzyme-based amperometric galactose biosensors: a review. <i>Mikrochimica Acta</i> , 2017, 184, 3663-3671.	2.5	44
5	Development of an amperometric screen-printed galactose biosensor for serum analysis. <i>Analytical Biochemistry</i> , 2013, 435, 114-119.	1.1	39
6	Recent Advances in the Development of Biosensors for Malaria Diagnosis. <i>Sensors</i> , 2020, 20, 799.	2.1	39
7	Gold nanoparticle modified screen-printed carbon arrays for the simultaneous electrochemical analysis of lead and copper in tap water. <i>Mikrochimica Acta</i> , 2016, 183, 2361-2368.	2.5	38
8	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. <i>Journal of Electroanalytical Chemistry</i> , 2016, 766, 147-151.	1.9	36
9	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. <i>Chemosensors</i> , 2016, 4, 25.	1.8	30
10	Rapid determination of salicylic acid at screen printed electrodes. <i>Microchemical Journal</i> , 2018, 137, 71-77.	2.3	29
11	Ultrasensitive Impedimetric Immunosensor for the Detection of C-Reactive Protein in Blood at Surface-Initiated-Reversible Addition-Fragmentation Chain Transfer Generated Poly(2-hydroxyethyl) Tj ETQq1 1 03784314 238 / Over	2.1	28
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. <i>Sensors</i> , 2017, 17, 1716.	2.1	21
13	Investigating the Influence of Temperature on the Kaolinite-Base Synthesis of Zeolite and Urease Immobilization for the Potential Fabrication of Electrochemical Urea Biosensors. <i>Sensors</i> , 2017, 17, 1831.	2.1	20
14	Immunochemical Assays and Nucleic-Acid Detection Techniques for Clinical Diagnosis of Prostate Cancer. <i>Journal of Cancer</i> , 2016, 7, 523-531.	1.2	16
15	Amperometric Screen-Printed Galactose Biosensor for Cell Toxicity Applications. <i>Analytical Letters</i> , 2016, 49, 236-244.	1.0	16
16	Functional Molecular Interfaces for Impedance-Based Diagnostics. <i>Annual Review of Analytical Chemistry</i> , 2020, 13, 183-200.	2.8	15
17	Polydopamine-functionalized graphene nanoplatelet smart conducting electrode for bio-sensing applications. <i>Arabian Journal of Chemistry</i> , 2020, 13, 1669-1677.	2.3	13
18	Maleimide functionalized silicon surfaces for biosensing investigated by in-situ IRSE and EQCM. <i>Electrochemistry Communications</i> , 2015, 51, 103-107.	2.3	12

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19	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
20	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
21	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
22	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
23	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
24	Local diagnostics kits for Africa being developed in Ghana. Nature, 2018, 559, 181-181.	13.7	0