

# Kevin Efosa Eboigbodin

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

836  
citations

687363

13  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1355  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased Dicarbonyl Metabolism in Endothelial Cells in Hyperglycemia Induces Anoikis and Impairs Angiogenesis by RGD and GFOGER Motif Modification. <i>Diabetes</i> , 2006, 55, 1961-1969.	0.6	234
2	Characterization of the Extracellular Polymeric Substances Produced by <i>Escherichia coli</i> Using Infrared Spectroscopic, Proteomic, and Aggregation Studies. <i>Biomacromolecules</i> , 2008, 9, 686-695.	5.4	188
3	The polymer physics and chemistry of microbial cell attachment and adhesion. <i>Faraday Discussions</i> , 2008, 139, 85.	3.2	59
4	Role of Nonadsorbing Polymers in Bacterial Aggregation. <i>Langmuir</i> , 2005, 21, 12315-12319.	3.5	55
5	Bacterial quorum sensing and cell surface electrokinetic properties. <i>Applied Microbiology and Biotechnology</i> , 2006, 73, 669-675.	3.6	52
6	Attenuation of <i>Vibrio fischeri</i> Quorum Sensing Using Rationally Designed Polymers. <i>Biomacromolecules</i> , 2010, 11, 975-980.	5.4	41
7	Investigating the Surface Properties of <i>Escherichia coli</i> under Glucose Controlled Conditions and Its Effect on Aggregation. <i>Langmuir</i> , 2007, 23, 6691-6697.	3.5	40
8	Strand Invasion Based Amplification (SIBA®): A Novel Isothermal DNA Amplification Technology Demonstrating High Specificity and Sensitivity for a Single Molecule of Target Analyte. <i>PLoS ONE</i> , 2014, 9, e112656.	2.5	37
9	A review of biofilms in domestic plumbing. <i>Journal - American Water Works Association</i> , 2008, 100, 131-138.	0.3	25
10	Rapid molecular diagnostic test for Zika virus with low demands on sample preparation and instrumentation. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 86, 369-371.	1.8	24
11	Rapid and sensitive real-time assay for the detection of respiratory syncytial virus using RT-SIBA®. <i>BMC Infectious Diseases</i> , 2017, 17, 134.	2.9	20
12	Multiplex Strand Invasion Based Amplification (mSIBA) assay for detection of <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> . <i>Scientific Reports</i> , 2016, 6, 20487.	3.3	19
13	Reverse transcription strand invasion based amplification (RT-SIBA): a method for rapid detection of influenza A and B. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 5559-5567.	3.6	18
14	Development and evaluation of a rapid nucleic acid amplification method to detect influenza A and B viruses in human respiratory specimens. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018, 92, 37-42.	1.8	5
15	Molecular Detection of <i>Streptococcus pyogenes</i> by Strand Invasion Based Amplification Assay. <i>Molecular Diagnosis and Therapy</i> , 2018, 22, 595-602.	3.8	5
16	Application of Loop-Mediated Isothermal Amplification Assay for the Detection of <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> . <i>Methods in Molecular Biology</i> , 2019, 2042, 19-25.	0.9	5
17	Detection of human rhinoviruses by reverse transcription strand invasion based amplification method (RT-SIBA). <i>Journal of Virological Methods</i> , 2019, 263, 75-80.	2.1	5
18	Clinical evaluation of a novel and simple-to-use molecular platform for diagnosis of respiratory syncytial virus. <i>Analytical Biochemistry</i> , 2018, 551, 4-6.	2.4	2

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19	Ribonuclease H-cleavable and recombinase-quenching fluorescent probes for the real-time detection of strand invasion based amplification. <i>Analytical Methods</i> , 2019, 11, 5568-5576.	2.7	1
20	Detection of <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> Using Multiplex Strand Invasion Based Amplification (mSIBA). <i>Methods in Molecular Biology</i> , 2019, 2042, 1-9.	0.9	1
21	Simultaneous Detection of <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> Using Real-Time Multiplex qPCR Assay. <i>Methods in Molecular Biology</i> , 2019, 2042, 27-32.	0.9	0