

<b>Abbreviation</b>	<b>Meaning</b>
AChE	Acetylcholine esterase
AThCl	Acetylthiocholine Chloride
AuNPs	Gold nanoparticles
AuNPs/PEDOT	Gold nanoparticles/ Poly(3,4-ethylenedioxythiophene)
AuNPs/PEDOT-	Gold nanoparticles/ Poly(3,4-ethylenedioxythiophene)-
GO	Graphene oxide
anti-AFB <sub>1</sub>	Anti-aflatoxin B <sub>1</sub>
BSA	Bovin Serum Albumin
CA	Contact Angle
CV	Cyclic voltammetry
DPV	Differential Pulse Volatmmetry
EDOT	3,4-ethylenedioxythiophene
EDC	1-Ethyl-3-(3-dimethylaminopropyl)-carbodiimide
EIS	Electrochemical Impedance Spectroscopy
FESEM	Field emission scanning electron microscope
FTIR	Fourier Transform Infrared spectroscopy
fMWCNTs	Functionalized multi walled carbon nanotubes
GCE	Glassy Carbon electrode
HOMO	Highest occupied molecular orbital
LUMO	Lowest unoccupied molecular orbital
LOD	Limit of detection
LOQ	Limit of quntification
MP	Methyl Parathion
NHS	N-hydroxysuccinimide
OP	Organophosphate
PPy	Polypyrrole
PAni	Polyaniline
PBS	Phosphate Buffer saline
PSS	Polystyrene Sulfonate

<b><i>Symbols</i></b>	<b>Meanings</b>
$C$	Concentration
$C_{dl}$	Double layer capacitance
$D$	Diffusion coefficient
$F$	Faraday's Constant
$k_s$	Heterogeneous rate constant
$K_m$	Michelis Menten Constant
$I^*$	Surface concentration
$R_s$	Solution resistance
$R_p$	Polarization resistance
$R_{et}$	Electron transfer coefficient
$Z'$	Real Impedance
$Z''$	Imaginary Impedance
$\omega$	Frequency
$\Phi$	Phase angle
$v$	Scan rate