

Erratum to: Gold nanoparticles assisted characterization of amine functionalized polystyrene multiwell plate and glass slide surfaces

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In the original publication of the article, the subheadings of Table 1 were incorrectly published. The correct version of Table 1 is given below.

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Table 1 XPS binding energy peaks of amine modified and AuNPs stained PS plate and GS surfaces with their possible assignments

Amine functionalized PS plate surface							
Elements	C 1s			N 1s	O 1s	Si 2p	
Binding energy (eV)	285.2	286.5	288.9	400.3	532.4	103.6	
Types of assignments	C–C/C–H	C–N	C–O	NH ₃ ⁺	O–Si	Si–O/Si–C	
Relative atomic concentration (%)	73.05			6.60	16.53	3.83	
AuNPs stained amine functionalized PS plate surface							
Elements	C 1s			N 1s	Si 2p	Au 4f	
Binding energy (eV)	285.1	287.1	288.7	400.5	102.8	83.8	87.4
Types of assignments	C–C/C–H	C–N	C–O	NH ₂ /NH ₃ ⁺ –C	Si–O	Au 4f7/2	Au 4f5/2
Amine functionalized GS surface							
Elements	C 1s			N 1s	O 1s	Si 2p	
Binding energy (eV)	284.4	285.4	287.0	400.5	532.4	103.3	
Types of assignments	C–C	C–N	HN–CO	NH ₃ ⁺	O–Si	Si–O	
Relative atomic concentration (%)	53.67			1.25	24.04	21.04	
AuNPs stained amine functionalized GS surface							
Elements	C 1s			N 1s	Si 2p	Au 4f	
Binding energy (eV)	283.9	285.6	288.3	400.0	102.6	84.3	88.0
Types of assignments	C–C	C–N	HN–CO	NH ₂ /NH ₃ ⁺	Si–O	Au 4f7/2	Au 4f5/2

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