

Table 2. The intensity (peaks areas in arb. units) of carbon, oxygen and silver as well as the oxygen/carbon and silver/carbon ratios.

| Sample | Intensity [a.u.] | | $I_{\text{O}}/I_{\text{C}}$ [%] | Intensity [a.u.] | $I_{\text{Ag}}/I_{\text{C}}$ [%] |
|------------|------------------|------|------------------------------------|---------------------|-------------------------------------|
| | C | O | | | |
| GO | 1354 | 1076 | 79 | - | - |
| PRGO | 1628 | 828 | 51 | - | - |
| RGO | 2045 | 723 | 35 | - | - |
| GO-AgNPs | 653 | 375 | 57 | 112 | 17.2 |
| PRGO-AgNPs | 1436 | 598 | 42 | 31 | 2.2 |
| RGO-AgNPs | 1869 | 505 | 27 | 18 | 1.0 |