Electronic Supplementary Material (ESI) for New Journal of Chemistry. This journal is © The Royal Society of Chemistry and the Centre National de la Recherche Scientifique 2019

## Mechanistic Study of Silver Nanostructures Incorporated Reduced Graphene Oxide via Flow Synthesis Approach

Kam Sheng Lau<sup>a</sup>, Sin Tee Tan<sup>b</sup>, Riski Titian Ginting<sup>c</sup>, Poi Sim Khiew<sup>d</sup>, Siew Xian Chin<sup>a,e,\*</sup>, Chin Hua Chia<sup>a,\*</sup>

## Appendix A. Supplementary data

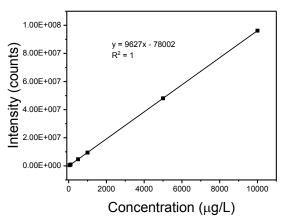


Fig. S1. Calibration curve for Ag<sup>+</sup> ions based on ICP-MS measurements.

Calculation for Ag content = $\frac{DF \times [Ag^+] \times Volume}{Mass of GO} \times 100\%$		
Calculation for Ag content =		Mass of GO
where	DF	= Dilution factor of the $Ag^+$ solution
	$[Ag]^+$	= Measured concentration of Ag using ICP-MS ( $\mu$ g/L)
	Volume	= Volume of Ag solution (mL)
	Mass of GO	= Total mass of GO used for synthesis (g)