*Supporting Information*

*for*

**Visible-Light Responsive Plasmonic Ag2O/Ag/g-C3N4 Nanosheets with Enhanced Photocatalytic degradation of RhB**

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|  |  |  |
| --- | --- | --- |
| element | weight percentage | tu2.tifatom percentage |
| C K | 31.76 | 35.38 |
| N K | 63.46 | 60.62 |
| O K | 4.78 | 4.00 |
| total | 100.00 |  |



**FIG. S1 EDS spectrum of g-C3N4 NS**

|  |  |  |
| --- | --- | --- |
| element | weight percentage | tu-1.tifatom percentage |
| C K | 28.89 | 34.68 |
| N K | 52.45 | 53.98 |
| O K | 11.53 | 10.39 |
| Ag L | 7.13 | 0.95 |
| total | 100.00 |  |

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**FIG. S2 EDS spectrum of Ag(10.0)/g-C3N4 NS**

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**FIG. S3 Mapping spectrum of Ag(10.0)/g-C3N4 NS**