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One pot synthesis of α -AgVO3/palygorskite nanocomposite with enhanced photocatalytic activity using triple roles of

palygorskite: supportor, dispersant and growth-directing agent

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Supporting Information

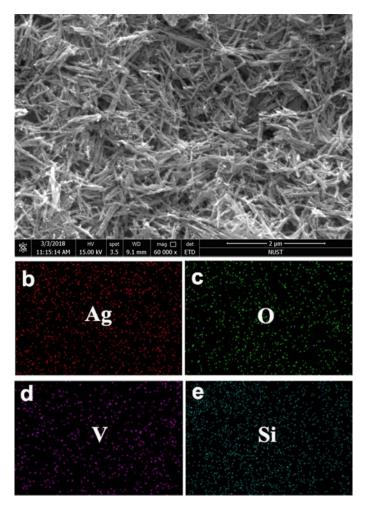


Fig. S1 (a) SEM image of 40% AgVO₃/Pal and corresponding EDS elemental mapping images of (b) Ag, (c) O, (d) V, (e) Si

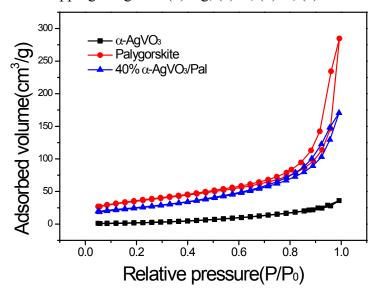


Fig. S2 N_2 adsorption-desorption isotherms of palygorskite, $\alpha\text{-}AgVO_3$ and 40% $AgVO_3/Pal$

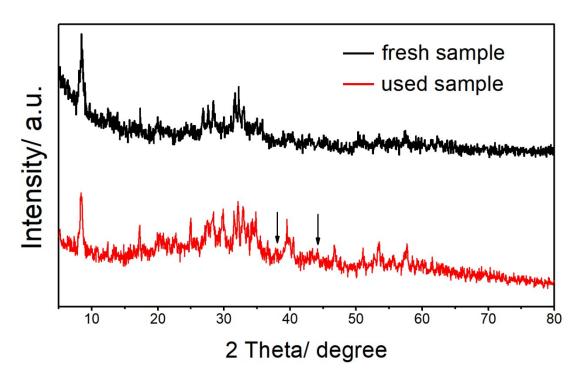


Fig. S3 XRD patterns of 40% AgVO₃/Pal: fresh sample and after 4 cycling runs