Electronic Supplementary Information

Molybdenum oxide nano-dumplings with excellent stability for photothermal therapy of cancer and controlled release hydrogel

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Supplementary Figures

Fig. S1 Mo 3d XPS spectra of (a) just-synthesized A-MoO, (b) 24 hours hydrochloric acid etched A-MoO, (c) 24 hours sodium hydroxide etched A-MoO, (d) 90 days settled A-MoO, A-MoO heated 24 hours at (e) 200 and (f) 300 °C, 24 hours laser irradiated A-MoO by (g) 514, (h) 808, (i) 1064 nm.
Fig. S2 (a) Temperature elevation of MoO\textsubscript{2.63} aqueous dispersion (1 mg/mL) after different treatment under the irradiation of 808 nm laser (2 W/cm\textsuperscript{2}). (b) Temperature elevation of A-MoO aqueous dispersion (1 mg/mL) after different treatment under the irradiation of 808 nm laser (2 W/cm\textsuperscript{2}). (c) Absorption spectra of just-synthesized and 90 days aged A-MoO. (d, e, f) Absorption spectra of as-prepared A-MoO compared with chemical-etched, heat-treated with laser-irradiated A-MoO.