

PEGMa Modified Molybdenum Oxide as a NIR Photothermal agent to Composite Thermal/pH-responsive p(NIPAM-co-MAA)Microgel

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Supporting Information

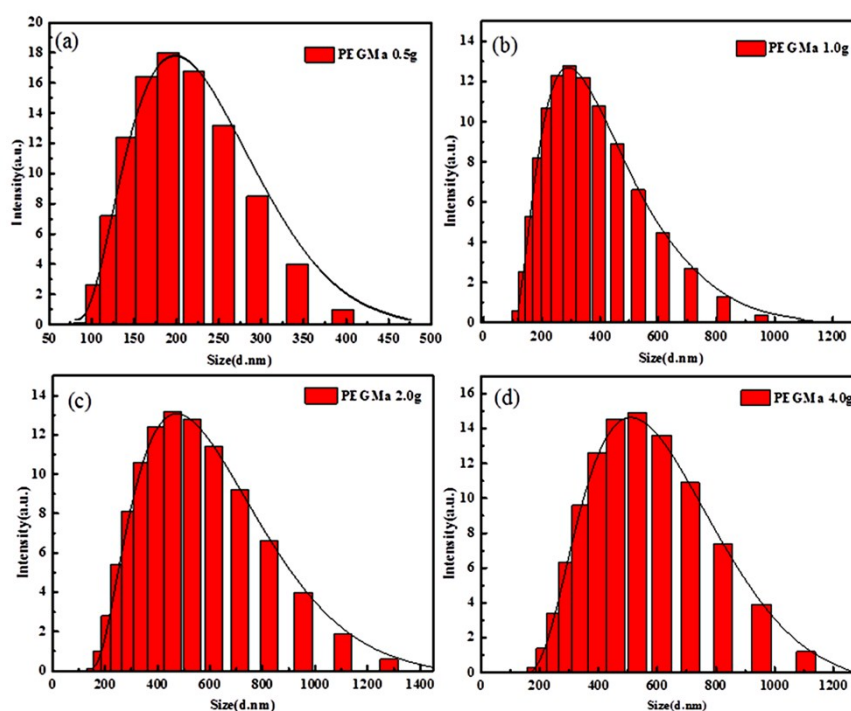


Fig.S1 DLS size and distribution of PEGMa-MoOx

Table S1

Dynamic light scattering (DLS) size of PEGMa-MoOx

samples	$(\text{NH}_4)_6\text{Mo}_7\text{O}_{24}\cdot 4\text{H}_2\text{O}(\text{g})$	PEGMa(g)	DLS size (nm)
PEGMa _{0.5g} -MoOx	0.0865	0.5	188.6
PEGMa _{1.0g} -MoOx	0.0865	1.0	291.3
PEGMa _{2.0g} -MoOx	0.0865	2.0	441.2
PEGMa _{4.0g} -MoOx	0.0865	4.0	496.6

Table S2

Size and pH value of PEGMa-MoOx/p (NIPAM-co-MAA)NCs

samples	MAA(mol)	DLS size (nm)	SEM size (nm)	LCST(°C)
NCs-MAA ₅	5	495.5	440	32
NCs-MAA ₁₀	10	381.0	350	31
NCs-MAA ₂₀	20	340.1	350	29