

Electronic Supplementary Information (ESI) for Mixed-phase TiO₂ Nanorods Assembled Microsphere: Crystal Phase Control and Photovoltaic Application

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Table S1 XRD data analysis of sample M-2 (A: anatase, R: rutile).

hkl	I%	2-Theta	d(nm)	Height	Area	FWHM	D(nm)
101(A)	100	25.390	0.350	50	630	0.536	15
110(R)	100	27.298	0.326	14	99	0.283	28
004(A)	20	37.881	0.237	9	71	0.316	26
200(A)	38	47.971	0.189	19	251	0.561	15
211(R)	60	54.360	0.169	25	324	0.551	16

Table S2 Lattice parameter and structure data of sample M-0, M-1, M-2 and M-3 (A: anatase, R: rutile).

Sample	hkl	2-Theta	d(nm)	Height	Area	W _R (%)
M-0	110(R)	27.36	0.32	38	348	100
M-1	101(A)	25.05	0.35	10	34	94
	110(R)	27.48	0.32	51	521	
M-2	101(A)	25.39	0.35	50	630	49
	211(R)	54.36	0.17	25	324	
M-3	101(A)	25.25	0.35	14	54	90
	110(R)	27.45	0.32	37	434	