Supporting Information

Trace Amounts of Co_3O_4 Nano-Particles Modified TiO_2 Nanorod Arrays for Boosted Photoelectrocatalytic Removal of Organic Pollutants in Water

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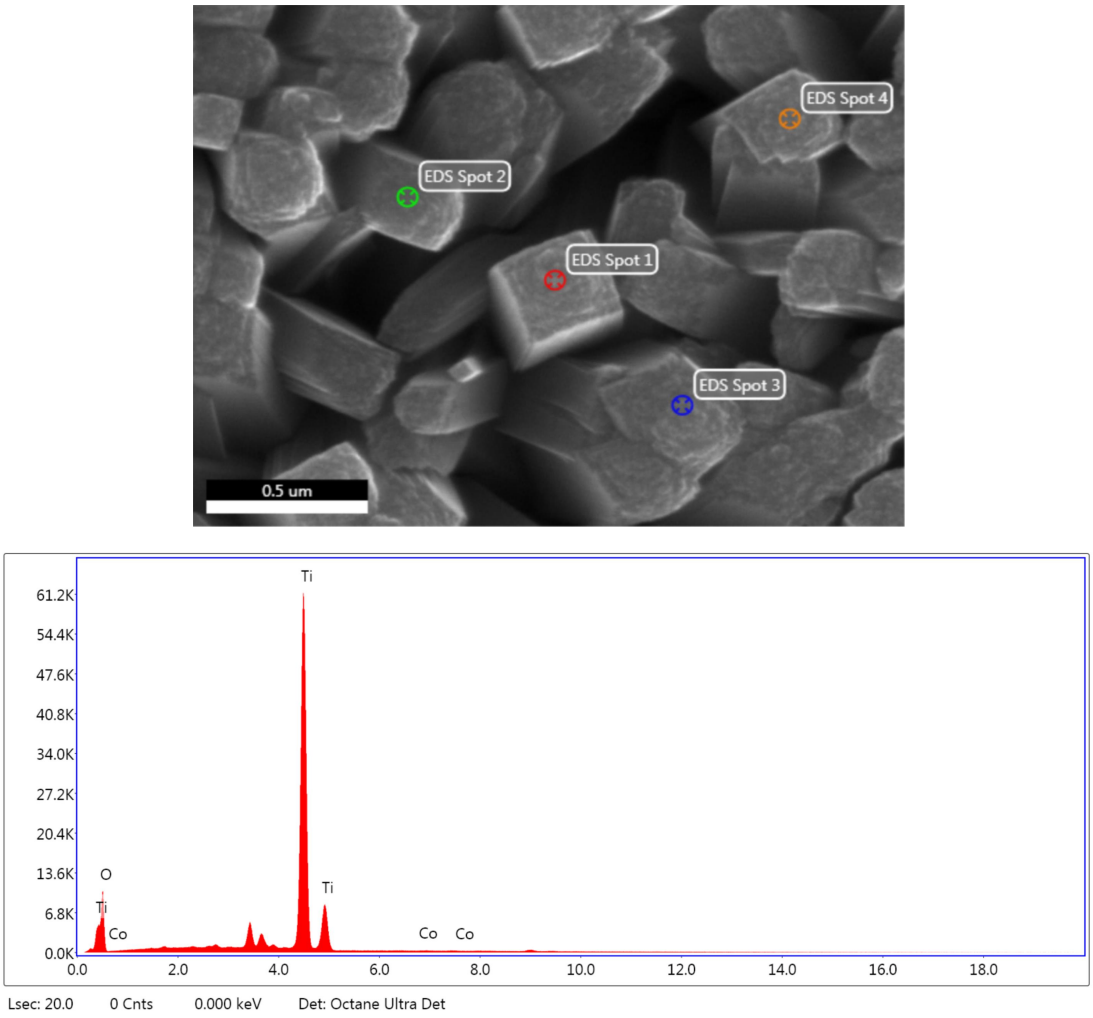

Figure S1 EDX of Co_3O_4 modified TiO_2 nanorod arrays

Table S1 the content of Co_3O_4 modified TiO_2 nanorod arrays.

Element	Weight %	Atomic %	Net Int.	Error %	Kratio	Z	R	A	F
O K	54.76	78.38	3555.82	9.97	0.0629	1.0869	0.9491	0.1055	1.0000
TiK	45.20	21.61	39524.04	1.14	0.4118	0.8759	1.0522	1.0222	1.0168
CoK	0.04	0.01	18.33	55.79	0.0003	0.8512	1.0757	0.9335	1.0587

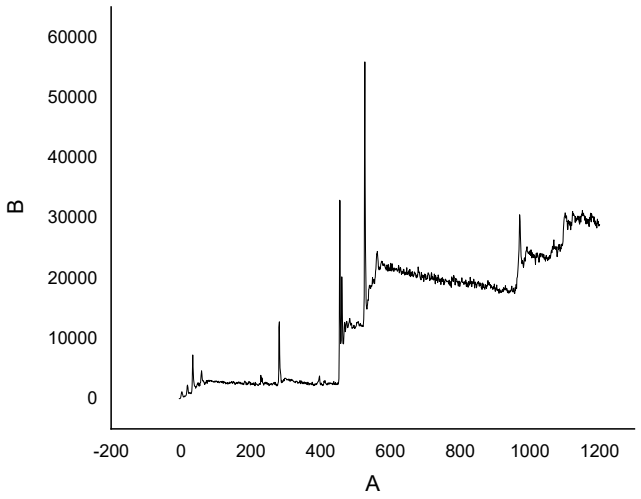

Figure S2. Full XPS data of Co_3O_4 modified TiO_2 nanorod arrays

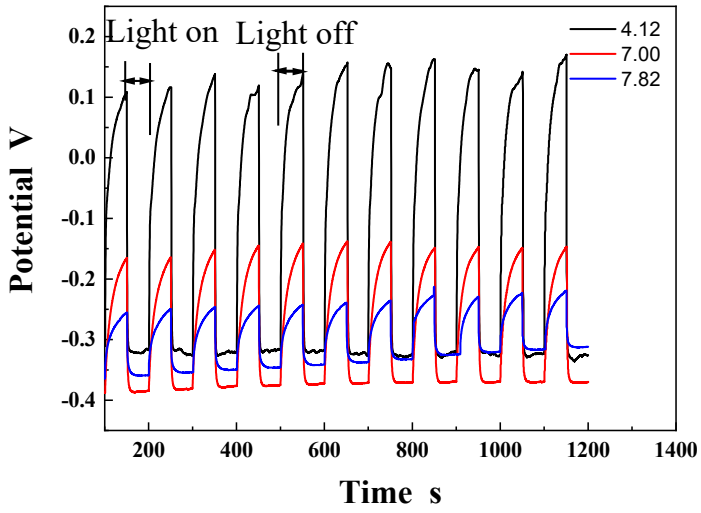

Figure S3. OCP response of Co_3O_4 modified TiO_2 nanorod arrays fabricated in different pH value.