

Supporting Information

Catalytic removal of organic colorants from water using some transition metal oxide nanoparticles synthesized under sunlight

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Table 1-S. PXRD parameters of TMO nanostructures

Sample	Position (2θ)	h	k	l	Intensity (%)	JCPDS Card No.
ZnO	36.25	1	0	1	999	79-2205
	31.76	1	0	0	564	
	34.41	0	0	2	415	
	56.59	1	1	0	305	
CuO	38.73	1	1	1	999	80-1917
	35.50	-1	1	1	942	
	38.93	2	0	0	297	
	48.66	-2	0	2	281	
Co ₃ O ₄	36.90	3	1	1	999	76-1802
	65.34	4	4	0	361	
	31.32	2	2	0	323	
	59.45	3	1	1	320	
NiO	43.29	0	1	2	999	22-1189
	37.25	0	0	3	599	
	62.87	1	0	4	345	
	75.37	0	1	5	180	
Cr ₂ O ₃	33.67	1	2	1	999	76-0147
	36.34	1	1	0	603	
	24.57	1	1	0	602	
	39.80	2	2	2	339	

where, h, k, l are miller indices

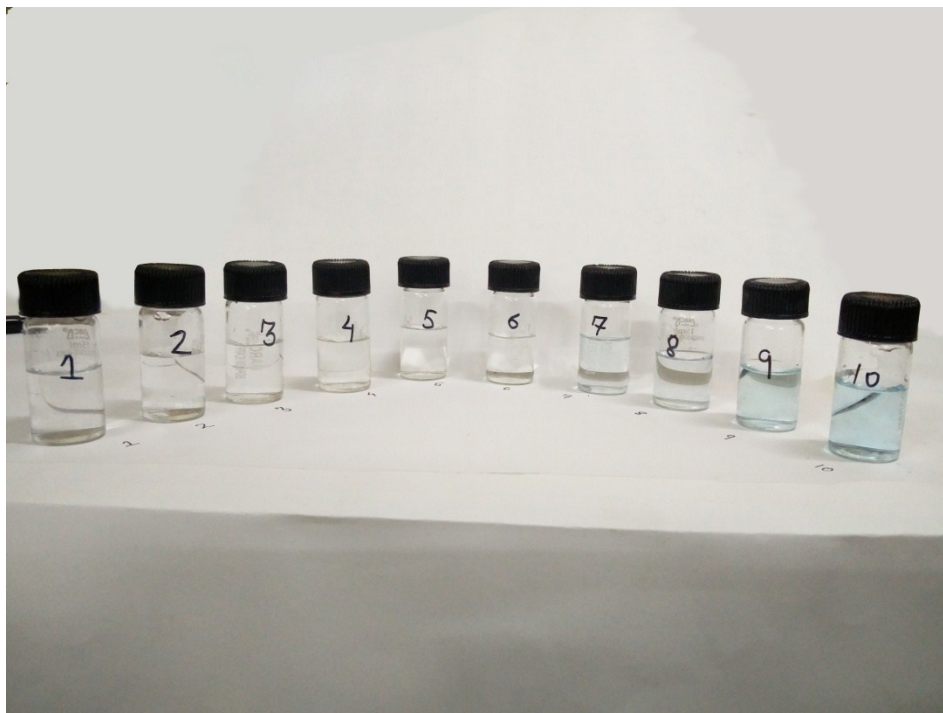


Figure 1S. Pictorial representation of reusability of TMO nanoparticles