

Supporting Information

Table S1. Difference in diffraction peak intensities of ZnO-nt, ZnO-nr and ZnO-np

S.No	Diffraction peak	Peak Intensity		
		ZnO-nt	ZnO-nr	ZnO-np
1	100	2775.52	4915.02	5614.84
2	002	2025.81	4419.08	4234.33
3	101	4475.05	8000.29	8982.01
4	102	1015.08	1662.70	1540.02
5	110	1413.86	2377.90	2520.30
6	103	1168.79	1965.48	2001.16
7	200	234.91	339.32	437.93
8	112	938.22	1607.88	1632.83
9	201	524.94	751.74	899.07
10	004	127.61	200.98	162.41
11	202	204.46	229.69	284.22

Fig. S1. XRD patterns of (a) ZnO-nt (b) ZnO-nr (c) ZnO-np

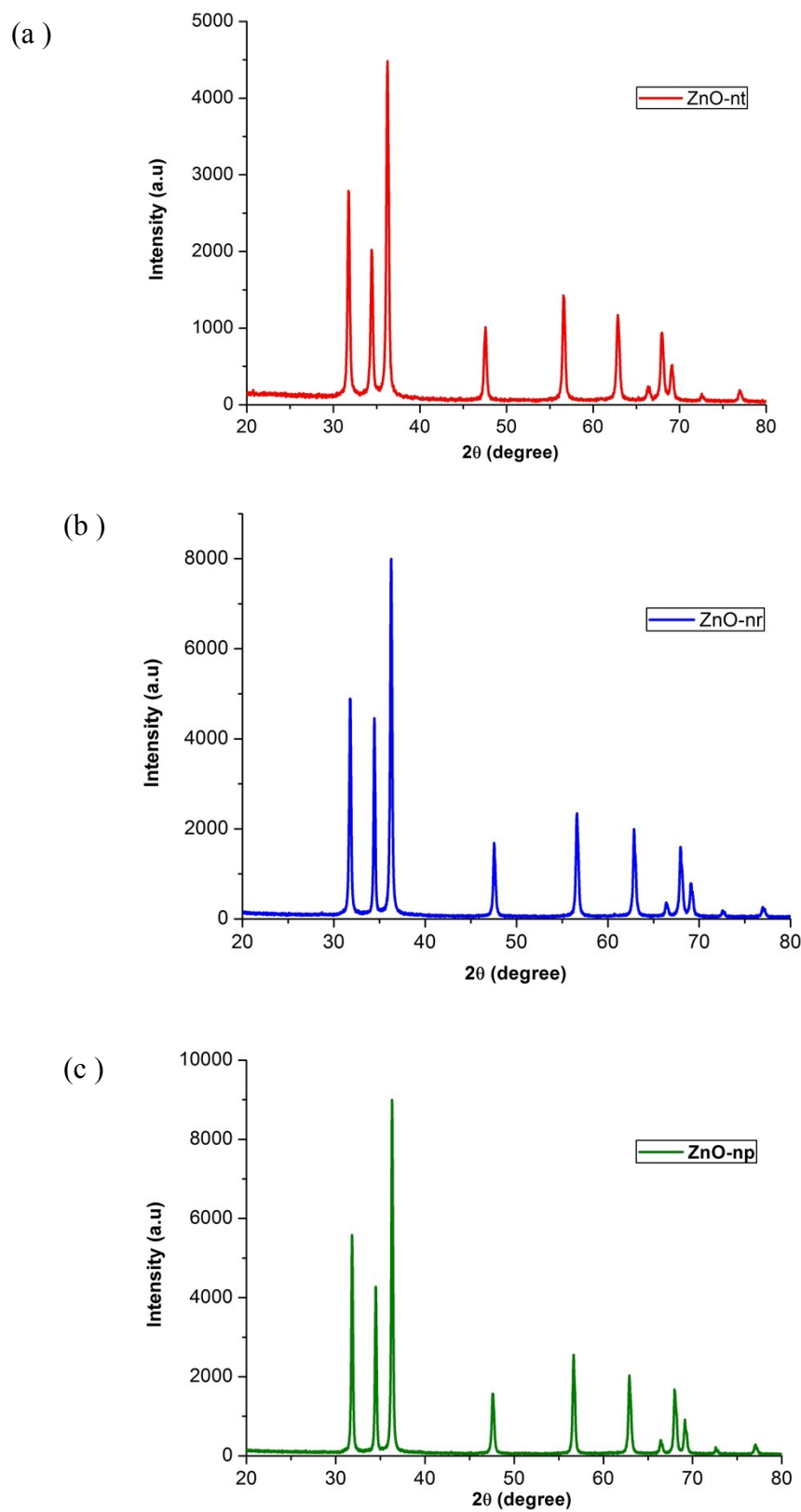


Fig. S2. N₂ adsorption – desorption isotherms of ZnO-nt, ZnO-nr and ZnO-np.

