Supplementary Material (ESI) for New Journal of Chemistry

Effect of polymer-to-silica ratio on the formation of large three-dimmensional cage-like mesostructures

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Table S1 Parameters obtained from Small Angle X-ray Scattering (SAXS) for the calcined FDU1 samples studied

Sample	*2θ* (deg.)[a]	*d* (nm)[b]	*hkl*[c]	FWHM[d]	a (nm)[e]
FDU1-1	0.66	13.32	111	0.11	23.10
	1.16	7.64	220		21.60
	1.34	6.59	311		21.90
	1.64	5.40	400		21.60
	1.76	5.01	420		22.40
FDU1-1.5	0.66	13.47	111	0.12	23.33
	1.14	7.72	220		21.83
	1.32	6.71	311		22.24
	1.58	5.61	400		22.42
	1.75	5.04	420		22.53
FDU1-2	0.66	13.47	111	0.11	23.33
	1.16	7.64	220		21.61
	1.32	6.70	311		22.20
	1.76	5.03	420		22.49
FDU1-2.5	0.66	13.47	111	0.12	23.33
	1.13	7.83	220		22.15
	1.30	6.81	311		22.58
FDU1-3	0.67	132	111	0.10	22.86
	1.16	7.59	220		21.47
	1.35	6.56	311		21.75
	1.78	4.97	420		22.23
	2.39	3.69	600		22.17
FDU1-3.5	0.69	12.78	111	0.16	22.10
	1.37	6.46	311		21.40
	1.79	4.93	420		22.00
FDU1-4	0.80	11.08	111	0.30	19.20
	1.49	5.91	311		19.70
	2.45	3.61	300		12.47

[a] *2θ* – scattering angle; [b] *d* – interplanar spacing; [c] *hkl* – Muller indexes; [d] FWHM- full width at half maximum of the most intense peak; [e] a – unit cell parameter.

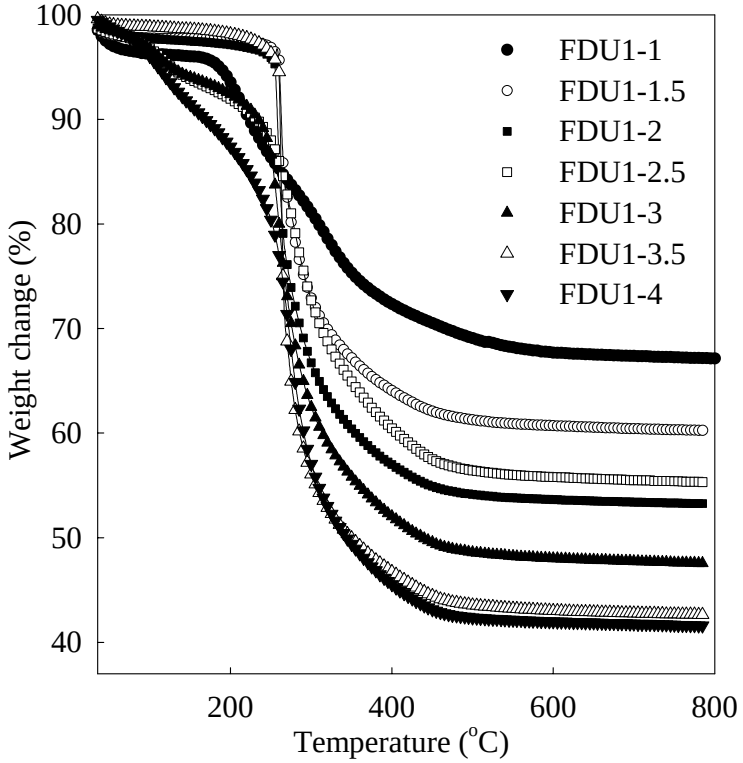

Fig. S1 Thermogravimetric weight curves measured in flowing nitrogen for the FDU1 samples studied.

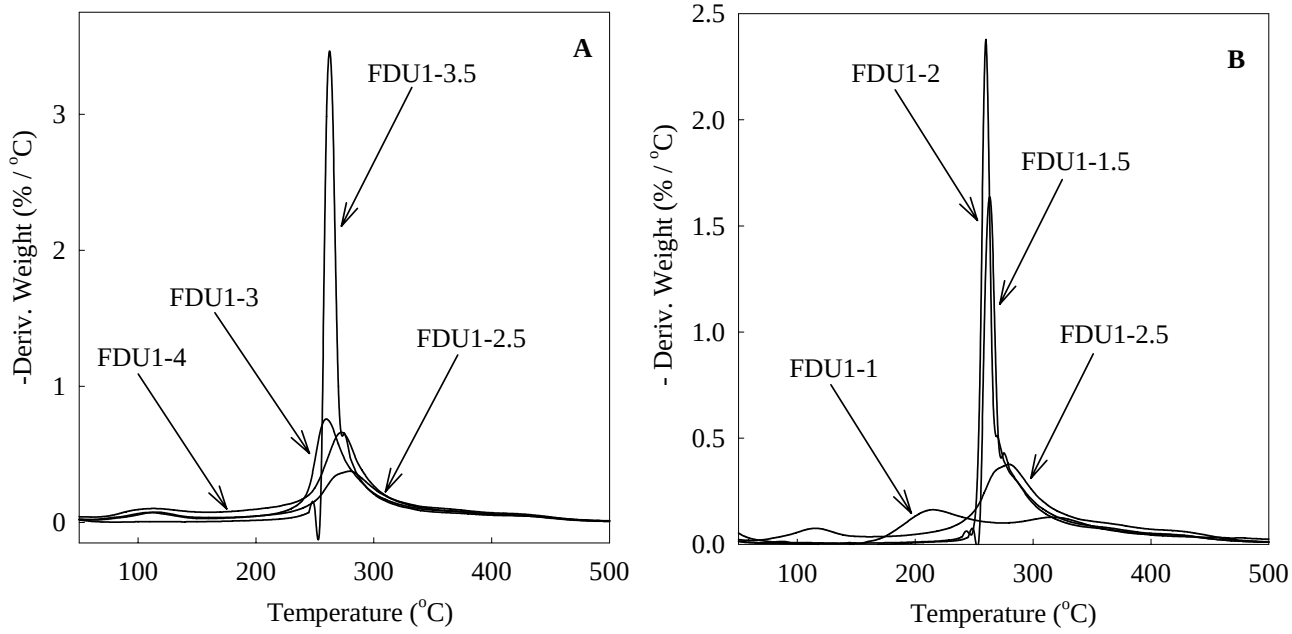

Fig. S2 Differential thermogravimetric curves for the FDU1 samples studied.