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Supplementary Material

Rapid and facile synthesis of rodlike ordered mesoporous carbon material for dye adsorption from aqueous solution

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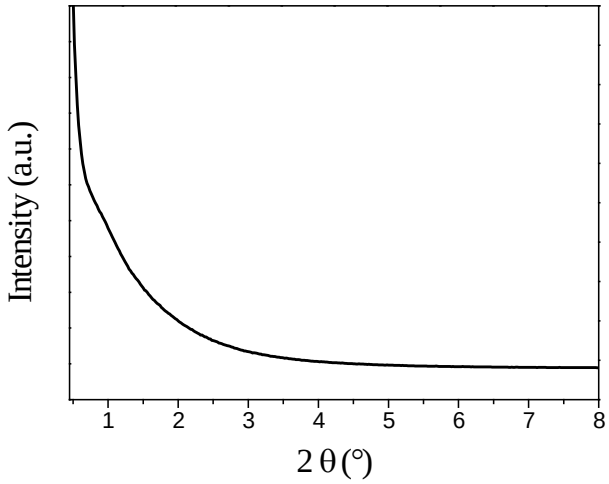

Figure S1. Small-angel XRD pattern of OMCs-0.4.

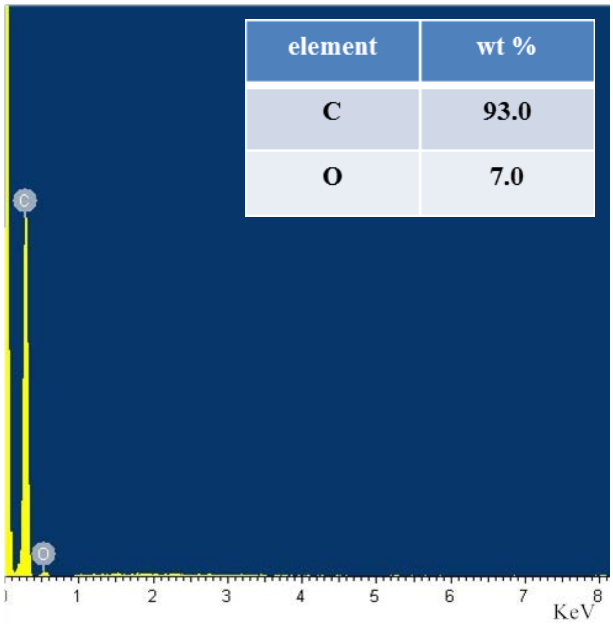

Figure S2. EDX pattern of OMC-0.6.

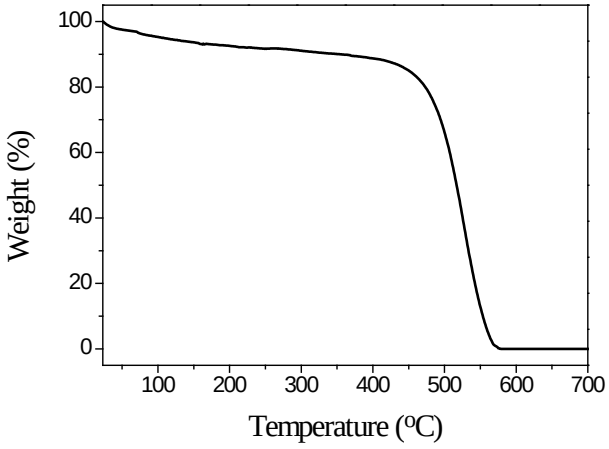

Figure S3. TG curve of OMC-0.6.

Table S1. Comparison of adsorption capacities for different dyes on carbon materials from the literature.

Material	Qe (mg/g)			
	MO	FB	MC	Ref.
activated carbon	81		98	1
carbon nanotube		112		2
OMC-0.6	114	157	202	This work

References

[1] C. Djilani, R. Zaghdoudi, F. Djazi, B. Bouchekima, A. Lallam, A. Modarressi, M. Iogalski, *J. Taiwan, Inst. Chem. E* **2015**, *53*, 112.

[2] J. Li, Q. C. Gao, H. Zhang, Y. Zhou, H. D. Wang, *J. Macromol. Sci. A* **2012**, *49*, 674.