

One-Step Synthesis of Sulfur-Doped Nanoporous Carbons from Lignin with Ultra-High Surface Area, Sulfur Content and CO₂ Adsorption Capacity

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Table S1. Sips Constants values.

Samples	Constants	CO ₂	CH ₄	N ₂
LS-1	am	4.33828027	1.93808298	7000
	b	0.00075371	0.00049067	1.1174E-07
	n	0.96984617	0.94422089	1.07314567
LS-2	am	13.2484922	244.805507	7128.80823
	b	0.00393657	9.0754E-05	1.1174E-07
	n	1.49426239	1.63931258	1.07673099
LS-3	am	511.635183	9.49762032	2.22610627
	b	8.4685E-05	0.00049978	0.00036948
	n	1.19472931	1.05604419	1.01687262
LS-4	am	4.47440344	0.88811551	0.75090376
	b	0.00232267	0.00102023	0.00019535
	n	1.30996255	1.1058805	0.985238
LS-5	am	2.12822949	1.49855532	0.05910709
	b	0.00021294	0.0006759	7.6156E-06
	n	0.84367693	1.08001069	0.54040259