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Corrigendum: First-principles study of the nano-scaling effect on the electrochemical behavior in $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ (2013 *Nanotechnology* 24 424007)

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We have found that the surface energy values in table 1 omitted a factor of 2 (see equation (1)). The correct version of table 1 is presented here. This correction does not alter the subsequent discussions and conclusions, as all structures and facets lacked the factor of 2, and were compared relative to each other.

Table 1. Surface energy for the low index facets, (100), (110), (111), in the uniformly disordered structure, ordered structure, and ordered structure with a local inverse spinel cation ordering near the surface. Whenever a facet exhibits the same elements for different termination layers, we distinguish the slab cells by surface composition. In the uniformly disordered structure, the (110) surface composition Li:Mn:Ni is 1:2:1 and 1:1.5:0.5 in Li/Ni/Mn/O-I and -II, respectively. In the ordered structure, the (110) surface compositions are 1:2:0.25, 1:2.5:0.5, and 1:2:1 in Li/Ni/Mn/O-I, -II, and -III, respectively.

Ordering	Facet	Termination	γ (J m ⁻²)
Uniform	(100)	Li/Mn/Ni/O	1.07
		Mn/Ni/O	1.73
		Mn/O	1.66
	(110)	Li/Mn/Ni/O-I	2.34
		Li/Mn/Ni/O-II	1.55
	(111)	Li/Ni/O	0.87
		Li/Mn/O	2.06
		Mn/O	1.41
Ordered	(100)	Li/Mn/Ni/O	1.11
		Mn/Ni/O	1.43
	(110)	Li/Mn/Ni/O-I	1.50
		Li/Mn/Ni/O-II	1.71
		Li/Mn/Ni/O-III	1.58
	(111)	Li/Mn/Ni/O	1.33
		Mn/Ni/O	2.04
Ordered'	(100)	Li/Mn/Ni/O	1.59
	(110)	Li/Mn/Ni/O	1.82
	(111)	Li/O	1.09
		Li/Mn/O	1.23