

杨泽, 嘎玛达尔基, 谭星儒, 游翠海, 王彦兵, 杨俊杰, 韩兴国, 陈世苹 (2020). 氮添加量和施氮频率对温带半干旱草原土壤呼吸及组分的影响. 植物生态学报, 44, 1059–1072. DOI: 10.17521/cjpe.2020.0171

Yang Z, GAMADAERJI, Tan XR, You CH, Wang YB, Yang JJ, Han XG, Chen SP (2020). Effects of nitrogen addition amount and frequency on soil respiration and its components in a temperate semiarid grassland. *Chinese Journal of Plant Ecology*, 44, 1059–1072. DOI: 10.17521/cjpe.2020.0171

<http://www.plant-ecology.com/CN/10.17521/cjpe.2020.0171>

附录 II 氮添加量(N)和施氮频率(NF)及其交互作用(N × NF)对地上净初级生产力、土壤 pH、土壤微生物生物量、细菌生物量、真菌生物量和真菌/细菌比的影响

Supplement II Effects of nitrogen addition amount (N), nitrogen addition frequency (NF) and their interactions (N × NF) on aboveground net primary productivity (ANPP), soil pH, microbial biomass (MB), bacterial biomass, fungal biomass and fungal biomass/bacterial biomass ratio (F/B)

处理 Treatment	地上净初级 生产力 ANPP (g·m <sup>-2</sup> )		土壤 pH Soil pH		土壤微生物 生物量 MB (nmol·g <sup>-1</sup> )		细菌生物量 Bacterial biomass (nmol·g <sup>-1</sup> )		真菌生物量 Fungal biomass (nmol·g <sup>-1</sup> )		真菌/细菌比 F/B		
	df	F	p	F	p	F	p	F	p	F	p	F	p
N	5	2.71	<0.05	37.74	<0.001	6.15	<0.001	4.25	<0.01	13.89	<0.001	30.14	<0.001
NF	1	1.51	0.22	8.26	<0.01	1.70	0.20	1.76	0.19	0.56	0.46	0.36	0.55
N × NF	4	0.55	0.70	1.11	0.36	1.18	0.33	1.26	0.30	0.69	0.60	1.83	0.14