

Movement into and out of cells

IGCSE Biology · Vocabulary

English	中文	Pinyin
⇄ diffusion	扩散	kuò sàn
⇄ net movement	净移动	jìng yí dòng
⋯ particles	粒子	lì zǐ
☉ concentration	浓度	nóng dù
↗ concentration gradient	浓度梯度	nóng dù tī dù
↻ random movement	随机运动	suí jī yùn dòng
⚡ energy	能量	néng liàng
⇄ kinetic energy	动能	dòng néng
⬡ molecules	分子	fēn zǐ
± ions	离子	lí zǐ
⬢ cell membrane	细胞膜	xì bāo mó
☁ gases	气体	qì tǐ
⋯ solutes	溶质	róng zhì
⇄ oxygen	氧气	yǎng qì
☁ carbon dioxide	二氧化碳	èr yǎng huà tàn
□ surface area	表面积	biǎo miàn jī
ℓ temperature	温度	wēn dù
💧 solvent	溶剂	róng jì
🔪 dissolve	溶解	róng jiě
🥤 solution	溶液	róng yè
🍴 digestion	消化	xiāo huà
💧 excretion	排泄	pái xiè
🚚 transport	运输	yùn shū
☉ osmosis	渗透	shèn tòu

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∇ partially permeable membrane	半透膜	bàn tòu mó
💧 water potential	水势	shuǐ shì
○ turgid	膨胀	péng zhàng
↻ turgor pressure	膨压	péng yā
🍷 flaccid	松软	sōng ruǎn
✂️ plasmolysis	质壁分离	zhì bì fēn lí
∇ dialysis tubing	透析管	tòu xī guǎn
⬆️ active transport	主动运输	zhǔ dòng yùn shū
🔄 respiration	呼吸作用	hū xī zuò yòng
🌱 root hairs	根毛	gēn máo
🚚 protein carriers	载体蛋白	zài tǐ dàn bái