Tab 1 Top 20 high-frequency keywords

Number	Keyword	Count	Number	Keyword	Count
1	china	21	11	symbiosis	9
2	industrial symbiosis	19	12	circular economy	9
3	energy	17	13	renewable energy	8
4	design	15	14	evolution	8
5	life cycle assessment	15	15	ecology	7
6	reduction	14	16	industrial ecology	7
7	strategy	14	17	environmental benefits	6
8	city	10	18	performance	6
9	system	10	19	technology	6
10	optimization	10	20	waste heat	6



Fig S1. Location of 104 IPs in China



Fig S2. Location of the case IP