

**Table S1** Summary of South Korea's water footprint studies found online (2000 – 2019)

s/n	Product	Sector	Accessibility	Source	Reference
1.	Food	Agriculture	Paid	Journal	Yoo et al. (2016)
2.	Crops and livestock	Agriculture	Free	Journal	Kim and Kim (2019)
3.	Rice	Agriculture	Paid	Journal	Yoo et al. (2014)
4.	Rice	Agriculture	Free	Conference paper	Yoo et al. (2011)
5.	Rice	Agriculture	Paid	Journal	Lee et al. (2018b)
6.	White radishes	Agriculture	Free	Journal	Cha et al. (2017)
7.	Crops	Agriculture	Paid	Journal	Lee et al. (2016)
8.	Grain crops	Agriculture	Paid	Journal	Yoo et al. (2012)
9.	Rice	Agriculture	Free	Journal	Lee et al. (2018a)

**Table S2** Summary of South Korea's carbon footprint studies found online (2000 – 2019)

s/n	Product	Sector	Accessibility	Source	Reference
1.	Packaging films	Electronics	Free	Journal	Choi et al. (2018a)
2.	Energy storage systems	Energy	Paid	Journal	Sasikala et al. (2019)
3.	Electrical and electronic equipment (EEE)	Electronics	Paid	Journal	Park et al. (2019)

4.	Vehicles	Automotive	Paid	Journal	Seo et al. (2018)
5.	Buildings	Construction	Paid	Journal	Sim and Sim (2017b)
6.	Solid waste	Energy	Free	Journal	Kim et al. (2016c)
7.	Building materials	Construction	Free	Journal	Kim et al. (2016f)
8.	Power generation	Energy	Paid	Journal	Yeo and Kim (2016)
9.	Solid waste	Energy	Free	Journal	Lee et al. (2015a)
10.	Bottom ash and dredged soils	Construction	Paid	Journal	Noh et al. (2015)
11.	Roads	Construction	Paid	Journal	Ryu et al. (2013)
12.	Population density	Government	Paid	Journal	(Kim and Kim (2013))
13.	Electricity consumption	Energy	Paid	Journal	Hong et al. (2012)
14.	Solid waste	Energy	Paid	Journal	Yi et al. (2011)
15.	Buildings	Energy	Free	Journal	Wi et al. (2019)
16.	Municipal solid waste	Energy	Paid	Journal	Yi (2019)
17.	Food waste	Energy	Free	Journal	Jeong et al. (2019)
18.	Industrial waste	Energy	Paid	Journal	Kim et al. (2018b)
19.	Energy policies	Government	Free	Journal	Kim and Yu (2018)
20.	Municipal solid waste	Energy	Paid	Journal	Kim et al. (2016b)
21.	Subway	Transportation	Paid	Journal	Ahn et al. (2016)
22.	Rice	Agriculture	Paid	Journal	Kim et al. (2016a)
23.	Industrial waste	Energy	Paid	Journal	Lim et al. (2016)

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24.	Magnesium metal	Automotive	Paid	Journal	Kwon et al. (2015)
25.	Rice paddy soils	Agriculture	Paid	Journal	Ali et al. (2015)
26.	Gasoline and diesel	Energy	Paid	Journal	Jang and Song (2015)
27.	Rice	Agriculture	Paid	Journal	Kang et al. (2015)
28.	Fertilizer	Agriculture	Free	Journal	Chen et al. (2015)
29.	Straw bales and rice hulls	Agriculture	Free	Journal	Lee and Yeom (2015)
30.	Building materials	Construction	Paid	Journal	Choi et al. (2014)
31.	Building materials	Construction	Paid	Journal	Roh et al. (2014)
32.	Geotextile tubes	Construction	Paid	Conference paper	Yee et al. (2014)
33.	Natural gas	Energy	Paid	Journal	Choi and Song (2014)

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