

Appendix1 – Search Strategy

Data base	WoS	
#	Search terms	Hits
1	TS=(workforc* OR "work* force*" OR workplac* OR "work* place*" OR staff* OR employe* OR worker* OR occupation* OR profession* OR Manpower* OR "Work* group*" OR "Workgroup*" OR "work* team*" OR "Work* pool*" OR "Work* unit*" OR "workunit*" OR "Occupation* activit*" OR lift* OR carry* OR push* OR pull* OR task* OR "occupational activit*" or TS=(Manual* near/2 (labo\$r* OR handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) or TS=(Heavy near/2 (labo\$r* OR handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) or TS=(Physical* near/2 (labo\$r* OR handl* OR move* OR moving or transport* OR carry* OR work* OR operation*)) or TS=(Material* near/2 (labo\$r* OR handl* OR move* OR moving OR transport* OR carry* OR work*)) or TS=(Object* near/2 (handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) or TS=(Load* near/2 (handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) or TS=(Heath* near/2 (home* OR work* OR care* OR labo\$r* OR handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) or TS=(Occupation near/2 (handl* OR move* OR moving OR transport* OR carry*))	4,817,557
2	TI= (exoskeleton* OR exosuit* OR "hybrid assistive limb*" OR "wearable robot*")	6,169
3	TS= (Health* NEAR/4 care* OR *care* OR "care support" OR Occupation* OR industr* or "social near/4 care")	4,722,340
4	1 and 2 and 3	401
Data base	SCOPUS	
#	Search terms	hits
1	(TITLE-ABS-KEY (workforc* OR "work* force*" OR workplac* OR "work* place*" OR staff* OR employe* OR worker* OR occupation* OR profession* OR manpower* OR "Work* group*" OR "Workgroup*" OR "work* team*" OR "Work* pool*" OR "Work* unit*" OR "workunit*" OR "Occupation* activit*" OR lift* OR carry* OR push* OR pull* OR task* OR "occupational activit*") OR ("Manual*" W/2 (labour* OR handl*	8,069,772

	OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Heavy" W/2 (labour* OR handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Physical*" W/2 (labour* OR handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Material*" W/2 (labour* OR handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Object*" W/2 (handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Load*" W/2 (handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Heath*" W/2 (home* OR work* OR care* OR labour* OR handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Occupation" W/2 (handl* OR move* OR moving OR transport* OR carry* OR work*)))	
2	TITLE (exoskeleton* OR exosuit* OR "hybrid assistive limb*" OR "wearable robot*")	7,789
3	TITLE-ABS-KEY (health* W/4 care* OR *care* OR "care support" OR occupation* OR industr* OR "social W/4 care")	2,476,953
4	1 and 2 and 3	95
Data base	Medline	
#	Search terms	hits
1	TX workforc* OR "work* force*" OR workplac* OR "work* place*" OR staff* OR employe* OR worker* OR occupation* OR profession* OR manpower* OR "Work* group*" OR "Workgroup*" OR "work* team*" OR "Work* pool*" OR "Work* unit*" OR "workunit*" OR "Occupation* activit*" OR lift* OR carry* OR push* OR pull* OR task* OR "occupational activit*") OR ("Manual*" N2 (labour* OR handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Heavy" N2 (labour* OR handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Physical*" N2 (labour* OR handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Material*" N2 (labour* OR handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Object*" N2 (handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Load*" N2 (handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Heath*" N2 (home* OR work* OR care* OR labour* OR handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Occupation" N2 (handl* OR move* OR moving OR transport* OR carry* OR work*)	3,029,947
2	TI exoskeleton* OR exosuit* OR "hybrid assistive limb*" OR "wearable robot*"	1,963

3	TX Health* N4 care* OR *care* OR "care support" OR Occupation* OR industr* or "social N4 care"	5,300,196
4		238
Data base	PyschInfo	
#	Search terms	hits
1	TX workforc* OR "work* force*" OR workplac* OR "work* place*" OR staff* OR employe* OR worker* OR occupation* OR profession* OR manpower* OR "Work* group*" OR "Workgroup*" OR "work* team*" OR "Work* pool*" OR "Work* unit*" OR "workunit*" OR "Occupation* activit*" OR lift* OR carry* OR push* OR pull* OR task* OR "occupational activit*") OR ("Manual*" N2 (labour* OR handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Heavy" N2 (labour* OR handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Physical*" N2 (labour* OR handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Material*" N2 (labour* OR handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Object*" N2 (handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Load*" N2 (handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Heath*" N2 (home* OR work* OR care* OR labour* OR handl* OR move* OR moving OR transport* OR carry* OR work* OR operation*)) OR ("Occupation" N2 (handl* OR move* OR moving OR transport* OR carry* OR work*	1,745,547
2	TI exoskeleton* OR exosuit* OR "hybrid assistive limb*" OR "wearable robot"	325
3	TX Health* N4 care* OR *care* OR "care support" OR Occupation* OR industr* or "social N4 care"	1,013,408
4	1 and 2 and 3	45
Data base	CINAHL	
#	Search terms	hits

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2	TI exoskeleton* OR exosuit* OR "hybrid assistive limb*" OR "wearable robot"	573
3	TX Health* OR care* OR Occupation* OR industr* OR "social care"	5,490,463
4	1 and 2 and 3	215
All Databases		994