Table S1 Search strategy for bibliometric analysis, detailing keywords and article counts

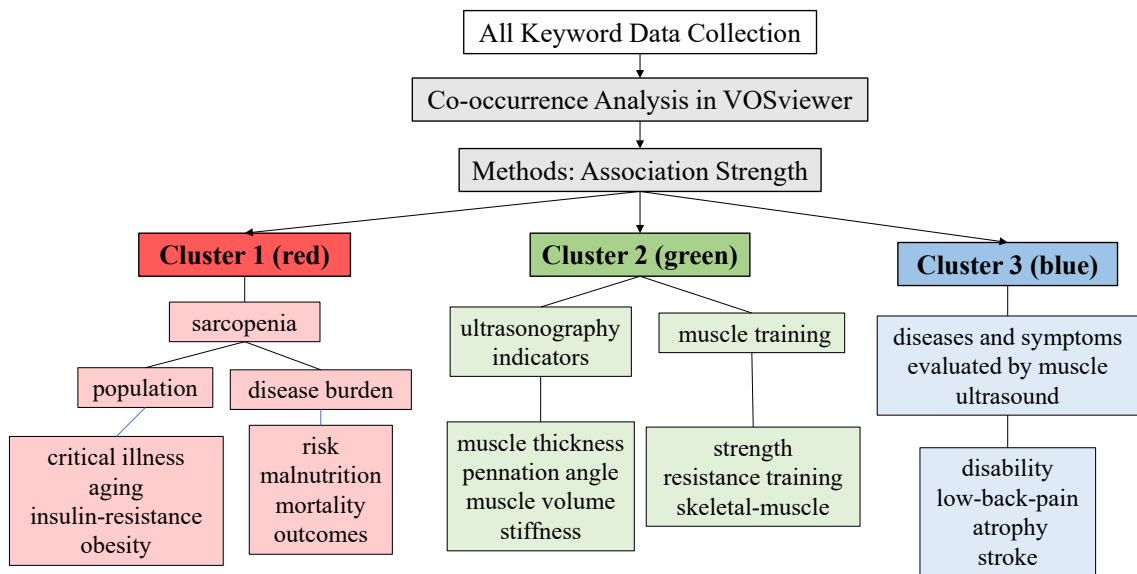| #	Search Query	Results
1	TI=("sarcopenia" OR "muscular atroph*" OR "muscle atroph*" OR "muscle mass*" OR "muscle size*" OR "muscle diameter*" OR "muscle volume*" OR "muscle thickness*" OR "muscle wasting" OR "muscle quality" OR "skeletal muscle index")	27418
2	AB=("sarcopenia" OR "muscular atroph*" OR "muscle atroph*" OR "muscle mass*" OR "muscle size*" OR "muscle diameter*" OR "muscle volume*" OR "muscle thickness*" OR "muscle wasting" OR "muscle quality" OR "skeletal muscle index")	52760
3	AK=("sarcopenia" OR "muscular atroph*" OR "muscle atroph*" OR "muscle mass*" OR "muscle size*" OR "muscle diameter*" OR "muscle volume*" OR "muscle thickness*" OR "muscle wasting" OR "muscle quality" OR "skeletal muscle index")	20348
4	#1 OR #2 OR #3	66584
5	TI=("ultrasonography" OR "ultrasound" OR "ultraso* imaging" OR "medical sonography" OR "echography" OR "elastography" OR "sonoelastography" OR "echo intensity")	188484
6	AB=("ultrasonography" OR "ultrasound" OR "ultraso* imaging" OR "medical sonography" OR "echography" OR "elastography" OR "sonoelastography" OR "echo intensity")	319300
7	AK=("ultrasonography" OR "ultrasound" OR "ultraso* imaging" OR "medical sonography" OR "echography" OR "elastography" OR "sonoelastography" OR "echo intensity")	144300
8	#5 OR #6 OR #7	425170
9	#4 AND #8	3612
10	#4 AND #8 and Science Citation Index Expanded (SCI-EXPANDED) (Web of Science Index)	3612
11	#4 AND #8 and Science Citation Index Expanded (SCI-EXPANDED) (Web of Science Index) and English (Languages)	3557
12	#4 AND #8 and Science Citation Index Expanded (SCI-EXPANDED) (Web of Science Index) and English (Languages) and Article or Review Article (Document Types)	3379

Figure S1 Flowchart of keyword clustering based on co-occurrence analysis in VOSviewer.