Effort trends of evidence-synthesis on physical exercise to people with Parkinson´s disease – Bibliometrics of systematic reviews

Supplementary documents: Online appendices

Online Supplementary Files

Online Appendix Table S1.

Table S1. Electronic search strategies.

Online Appendix Table S2.

Table S2. Main information about data.

Online Appendix Figure S1.

Figure S1. Flow diagram of the study.

Online Appendix Figure S2.

Figure S2. Annual production from 2005 to 2022.

Online Appendix Figure S3.

Figure S3. A – Study publication per country per year; B – Citations per country per year.

Online Appendix Figure S4.

Figure S4. Collaboration networks considering a minimum of one collaboration link. A – Collaboration between review authors; B – Collaboration between institutions; C – Collaboration between countries.

Online Appendix Figure S5.

Figure S5. Country collaboration map highlighting a minimum of one collaboration.

Online Appendix Figure S6.

Figure S6. Wordcloud – Frequency of indexed keywords.

Online Appendix Figure S7.

Figure S7. Trend topics based on indexed keywords.

Table S1. Search strategy applied to the four databases consulted

Database	Search strategy
Web of Science	"Parkinson's Disease" OR "Idiopathic Parkinson's Disease" OR "Lewy Body Parkinson Disease" OR "Lewy Body Parkinson's Disease" OR "Primary Parkinsonism" OR "Parkinsonism, Primary" OR "Parkinson Disease, Idiopathic" OR "Parkinson's Disease" OR "Parkinson's Disease, Idiopathic" OR "Parkinson's Disease, Lewy Body" OR "Idiopathic Parkinson Disease" OR "Paralysis Agitans" AND Exercise* OR "Physical Activity" OR "Activities, Physical" OR "Activity, Physical" OR "Physical Activities" OR "Exercise, Physical" OR "Exercises, Physical" OR "Physical Exercise" OR "Physical Exercises" OR "Acute Exercise" OR "Acute Exercises" OR "Exercise, Acute" OR "Exercises, Acute" OR "Exercise, Isometric" OR "Exercises, Isometric" OR "Isometric Exercises" OR "Isometric Exercise" OR "Exercise, Aerobic" OR "Aerobic Exercise" OR "Aerobic Exercises" OR "Exercises, Aerobic" OR "Exercise Training" OR "Exercise Trainings" OR "Training, Exercise" OR "Trainings, Exercise" AND "systematic review" OR "systematic literature review" OR "systematic scoping review" OR "systematic narrative review" OR "systematic qualitative review" OR "systematic evidence review" OR "systematic meta-review" OR "systematic critical review" OR "systematic mixed studies review" OR "systematic mapping review" OR "systematic cochrane review" OR "systematic search and review" OR "systematic integrative review" OR "scoping review"
Scopus	**(** TITLE-ABS-KEY **(** *"Parkinson's Disease"* **OR** *"Idiopathic Parkinson's Disease"* **OR** *"Lewy Body Parkinson Disease"* **OR** *"Lewy Body Parkinson's Disease"* **OR** *"Primary Parkinsonism"* **OR** *"Parkinsonism, Primary"* **OR** *"Parkinson Disease, Idiopathic"* **OR** *"Parkinson's Disease"* **OR** *"Parkinson's Disease, Idiopathic"* **OR** *"Parkinson's Disease, Lewy Body"* **OR** *"Idiopathic Parkinson Disease"* **OR** *"Paralysis Agitans"* **)** **AND** TITLE-ABS-KEY **(** *"Exercise"* **OR** *"Exercises"* **OR** *"Physical Activity"* **OR** *"Activities, Physical"* **OR** *"Activity, Physical"* **OR** *"Physical Activities"* **OR** *"Exercise, Physical"* **OR** *"Exercises, Physical"* **OR** *"Physical Exercise"* **OR** *"Physical Exercises"* **OR** *"Acute*

	Exercise" **OR** *"Acute Exercises"* **OR** *"Exercise, Acute"* **OR** *"Exercises, Isometric"* **OR** *"Exercises, Exercises"* **OR** *"Isometric Exercise"* **OR** *"Exercise, Aerobic"* **OR** *"Aerobic Exercises"* **OR** *"Exercises, Training"* **OR** *"Exercise Trainings"* **OR** *"Training, Exercise"* **OR** *"Trainings, Exercise"* **)** **AND** TITLE-ABS-KEY **(** *"systematic review"* **OR** *"systematic literature review"* **))**
Cochrane Library	"Parkinson's Disease" OR "Idiopathic Parkinson's Disease" OR "Lewy Body Parkinson Disease" OR "Lewy Body Parkinson's Disease" OR "Primary Parkinsonism" OR "Parkinsonism, Primary" OR "Parkinson Disease, Idiopathic" OR "Parkinson's Disease" OR "Parkinson's Disease, Idiopathic" OR "Parkinson's Disease, Lewy Body" OR "Idiopathic Parkinson Disease" OR "Paralysis Agitans" AND Exercise* OR "Physical Activity" OR "Activities, Physical" OR "Activity, Physical" OR "Physical Activities" OR "Exercise, Physical" OR "Exercises, Physical" OR "Physical Exercise" OR "Physical Exercises" OR "Acute Exercise" OR "Acute Exercises" OR "Exercise, Acute" OR "Exercises, Acute" OR "Exercise, Isometric" OR "Exercises, Isometric" OR "Isometric Exercises" OR "Isometric Exercise" OR "Exercise, Aerobic" OR "Aerobic Exercise" OR "Aerobic Exercises" OR "Exercises, Aerobic" OR "Exercise Training" OR "Exercise Trainings" OR "Training, Exercise" OR "Trainings, Exercise" AND "systematic review" OR "systematic literature review" OR "systematic scoping review" OR "systematic narrative review" OR "systematic qualitative review" OR "systematic evidence review" OR "systematic meta-review" OR "systematic critical review" OR "systematic mixed studies review" OR "systematic mapping review" OR "systematic cochrane review" OR "systematic search and review" OR "systematic integrative review" OR "scoping review"
MEDLINE from PubMed	"Parkinson's Disease" OR "Idiopathic Parkinson's Disease" OR "Lewy Body Parkinson Disease" OR "Lewy Body Parkinson's Disease" OR "Primary Parkinsonism" OR "Parkinsonism, Primary" OR "Parkinson Disease, Idiopathic" OR "Parkinson's Disease" OR "Parkinson's Disease, Idiopathic" OR "Parkinson's Disease, Lewy Body" OR "Idiopathic

	Parkinson Disease" OR "Paralysis Agitans" AND Exercise* OR "Physical Activity" OR "Activities, Physical" OR "Activity, Physical" OR "Physical Activities" OR "Exercise, Physical" OR "Exercises, Physical" OR "Physical Exercise" OR "Physical Exercises" OR "Acute Exercise" OR "Acute Exercises" OR "Exercise, Acute" OR "Exercises, Acute" OR "Exercise, Isometric" OR "Exercises, Isometric" OR "Isometric Exercises" OR "Isometric Exercise" OR "Exercise, Aerobic" OR "Aerobic Exercise" OR "Aerobic Exercises" OR "Exercises, Aerobic" OR "Exercise Training" OR "Exercise Trainings" OR "Training, Exercise" OR "Trainings, Exercise" AND "systematic review" OR "systematic literature review" OR "systematic scoping review" OR "systematic narrative review" OR "systematic qualitative review" OR "systematic evidence review" OR "systematic meta-review" OR "systematic critical review" OR "systematic mixed studies review" OR "systematic mapping review" OR "systematic cochrane review" OR "systematic search and review" OR "systematic integrative review" OR "scoping review"

Table S2. Main information about data

Description	
Number of articles	146
Period	2005-2022
Average years from publication	3.72
Annual growth rate percentage	14.72
Number of citations	4018
Average citations per article	27.52
Average citations per year per article	3.91
Number of authors	657
Author appearances	719
Authors of single-authored articles	1
Authors of multi-authored articles	656
Articles per author	0.22
Authors per article	4.5
Co-authors per articles	4.92
Collaboration index	4.52

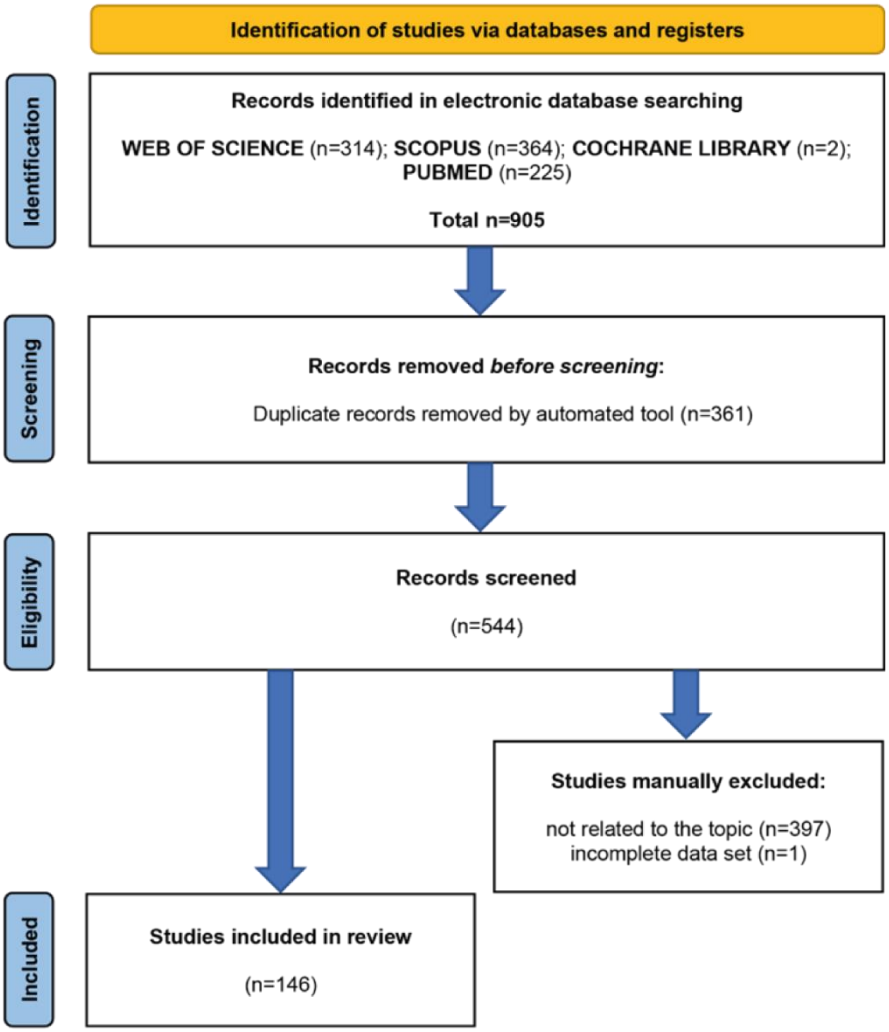

Figure S1. Flow diagram of the study

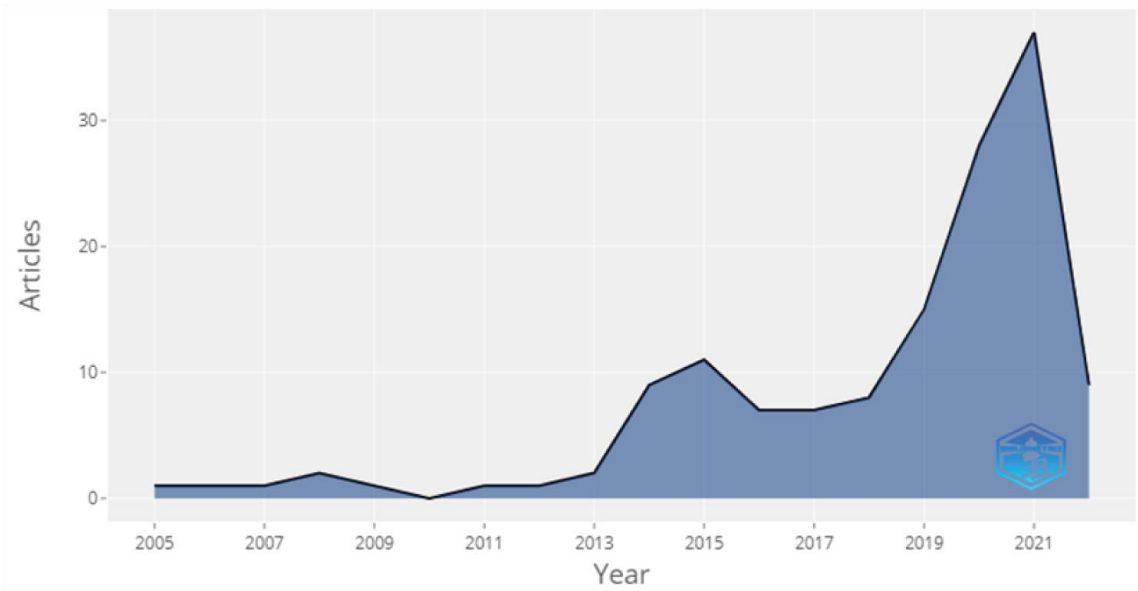

Figure S2. Annual production from 2005 to 2022

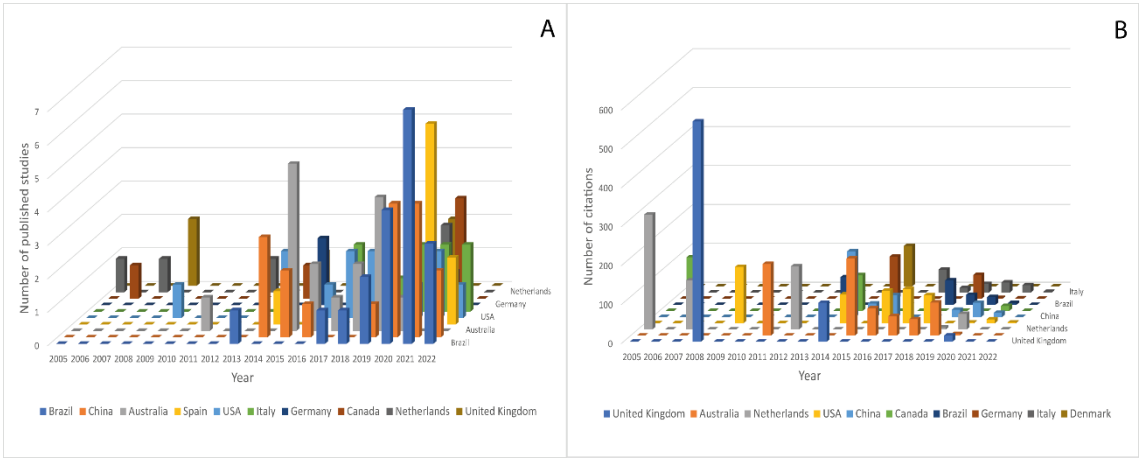

Figure S3. A – Study publication per country per year; B – Citations per country per year

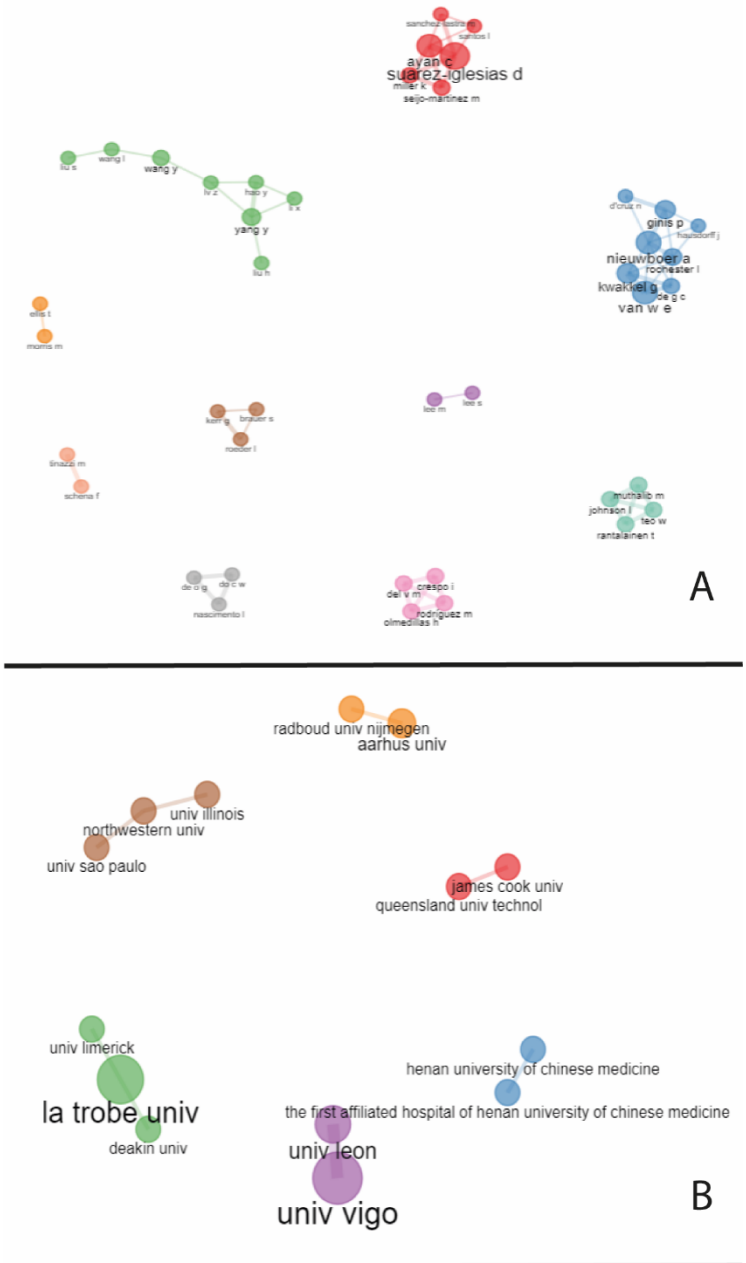

Figure S4. Collaboration networks considering a minimum of one collaboration link. A – Collaboration between review authors; B – Collaboration between institutions; C – Collaboration between countries.

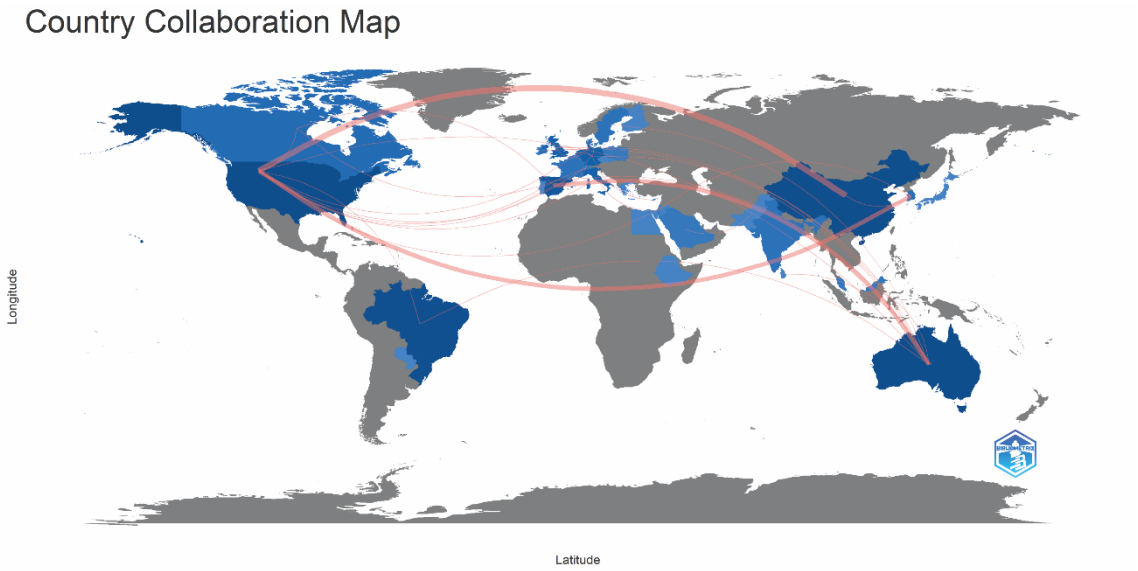

Figure S5. Country collaboration map highlighting a minimum of one collaboration.

Top 10 frequencies of indexed keywords (Keywords plus)	
Parkinson disease = 77	Human = 37
Exercise = 62	Quality-of-life = 30
People = 45	Systematic review = 30
Gait = 44	Humans = 26
Balance = 41	Quality of life = 23

Figure S6. Wordcloud – Frequency of indexed keywords.

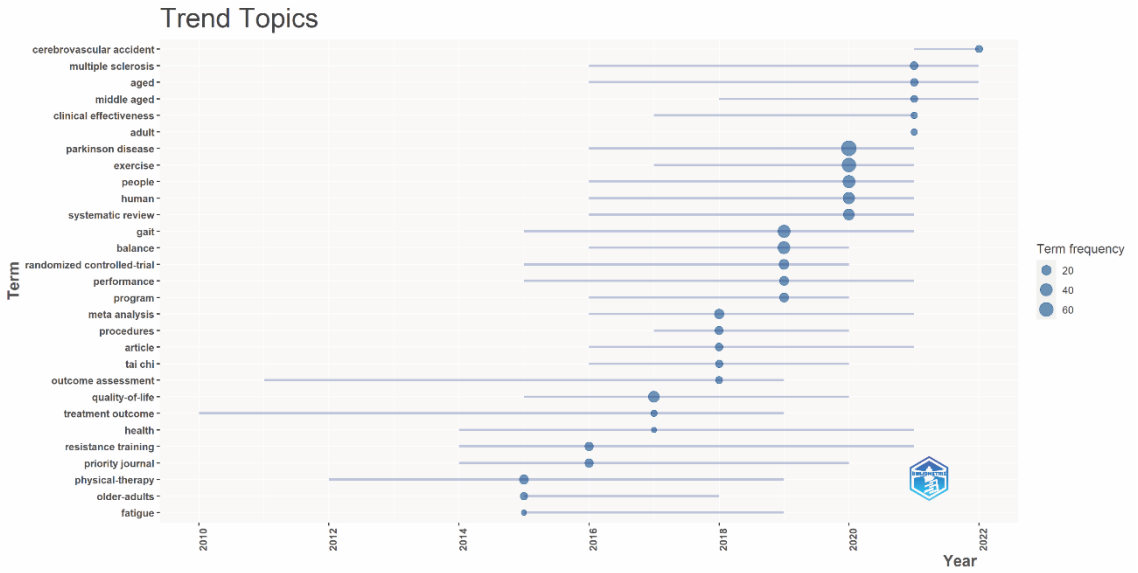

Figure S7. Trend topics based on indexed keywords.