

Physical demands of tennis across the different court surfaces, performance levels, and sexes: a systematic review with meta-analysis

Sports Medicine

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Supplementary File 2. Search strategy for Pubmed, Embase.com, CINAHL, and SPORTDiscus

PubMed History and Search Details April 19, 2022

Search	PubMed Query	Results
#3	#1 AND #2	1,925
#2	"Athletic Performance"[MeSH] OR "Movement"[MeSH:noexp] OR "Range of Motion, Articular"[Mesh] OR "performanc*" [tiab] OR "fitness" [tiab] OR "physical endurance" [tiab] OR "movement*" [tiab] OR "physical demand*" [tiab] OR "activity profil*" [tiab] OR "external load*" [tiab] OR "intensity" [tiab] OR "speed" [tiab] OR "physical conditioning" [tiab] OR "range of motion" [tiab] OR "flexibility" [tiab]	2,270,564
#1	"Tennis"[MeSH] OR "tennis" [tiab]	4,661

Embase.com History and Search Details April 19, 2022

Search	Embase.com Query	Results
#4	#3 NOT ('conference abstract'/it OR 'conference review'/it)	2,056
#3	#1 AND #2	2,321
#2	'athletic performance'/exp OR 'movement (physiology)'/de OR 'range of motion'/exp OR 'endurance'/exp OR ("performanc*" OR "fitness" OR	2,725,950

Search	Embase.com Query	Results
	"physical endurance" OR "movement*" OR "physical demand*" OR "activity profil*" OR "external load*" OR "intensity" OR "speed" OR "physical conditioning" OR "range of motion" OR "flexibility"):ti,ab,kw	
#1	'tennis'/exp OR 'tennis':ti,ab,kw	6,202

SportDiscus History and Search Details April 19, 2022

Search	SportDiscus Query	Results
S4	S3 - Limits to: Academic Journals; Dissertations	2,606
S3	S1 AND S2	6,089
S2	DE ("MOTOR ability" OR "PERFORMANCE" OR "PHYSICAL fitness" OR "MUSCLE strength" OR "SPEED" OR "MOTION" OR "EXERCISE intensity" OR "RANGE of motion of joints") OR TI (performanc* OR fitness OR "physical endurance" OR movement* OR "physical demand*" OR "activity profil*" OR "external load*" OR intensity OR speed OR "physical conditioning" OR "range of motion" OR flexibility) OR AB (performanc* OR fitness OR "physical endurance" OR movement* OR "physical demand*" OR "activity profil*" OR "external load*" OR intensity OR speed OR "physical conditioning" OR "range of motion" OR flexibility) OR KW (performanc* OR fitness OR "physical endurance" OR movement* OR "physical demand*" OR "activity profil*" OR "external load*" OR intensity OR speed OR "physical conditioning" OR "range of motion" OR flexibility)	423,914
S1	DE ("TENNIS" OR "COURT tennis" OR "PROFESSIONAL tennis" OR "TENNIS -- Singles" OR "TENNIS for children" OR "TENNIS for girls" OR "TENNIS for older people" OR "TENNIS leagues" OR "WOMEN'S tennis") OR TI (tennis) OR AB (tennis) OR KW (tennis)	40,546

Cinahl (Ebsco) History and Search Details April 19, 2022

Search	Cinahl (Ebsco) Query	Results
S4	S3 – Limits to: Academic Journals; Dissertations	1,149
S3	S1 AND S2	1,227
S2	MH ("Athletic Performance" OR "Movement+" OR "Range of Motion" OR "Physical Endurance+" OR "Exercise Tolerance+" OR "Physical Performance") OR TI (performanc* OR fitness OR "physical endurance" OR movement* OR "physical demand*" OR "activity profil*" OR "external load*" OR intensity OR speed OR "physical conditioning" OR "range of motion" OR flexibility) OR AB (performanc* OR fitness OR	514,794

Search	Cinahl (Ebsco) Query	Results
	"physical endurance" OR movement* OR "physical demand*" OR "activity profil*" OR "external load*" OR intensity OR speed OR "physical conditioning" OR "range of motion" OR flexibility)	
S1	MH ("Tennis") OR TI (tennis) OR AB (tennis)	2,677