Supplementary File 1. Preliminary Ovid MEDLINE Search

Syntax Line	Search Term
1	floor*.mp
2	carpet*.mp
3	ground surface*.mp
4	smartcell*.mp
5	tarkett omnisports excel.mp
6	softile.mp
7	sorbashock.mp
8	forbo.mp
9	kradal.mp
10	noraplan.mp
11	"Floors and Floorcoverings"/
12	or/1-11
13	force*.mp
14	impact*.mp
15	trauma*.mp
16	biomechanic*.mp
17	compress* strength*.mp
18	strain*.mp
19	load*.mp
20	acceleration*.mp
21	mechanical stress*.mp
22	"Biomechanical Phenomena"/
23	"Compressive Strength"/
24	"Stress, Mechanical"/
25	or/13-24
26	balanc*.mp
27	postur*.mp
28	stabilit*.mp
29	postural sway.mp
30	bod* sway.mp
31	foot displacement*.mp
32	foot deflection*.mp
33	gait*.mp
34	walk*.mp
35	locomotion*.mp
36	perturbation*.mp
37	mobil*.mp
38	toe clearance*.mp
39	centre of pressure*.mp
40	center of pressure*.mp

Syntax Line	Search Term
41	senior*.mp
42	elder*.mp
43	older adult*.mp
44	older*.mp
45	geriatric*.mp
46	old age*.mp
47	aging*.mp
48	gerontology.mp
49	"Postural Balance"/
50	"Posture"/
51	"Gait/"/
52	"Locomotion"/
53	exp "Aged"/
54	exp Geriatrics/
55	or/26-54
56	injur*.mp
57	wound*.mp
58	trauma*.mp
59	bruise*.mp
60	bruising*.mp
61	contusion*.mp
62	swell*.mp
63	hematoma*.mp
64	haematoma*.mp
65	laceration*.mp
66	abrasion*.mp
67	cut*.mp
68	sprain*.mp
69	strain*.mp
70	dislocation*.mp
71	fractur*.mp
72	concussion*.mp
73	intracranial haemorrhage*.mp
74	intracranial hemorrhage*.mp
75	"Wounds and Injuries"/
76	"Injury Severity Score"/
77	"Contusions"/
78	exp "Dislocations"/
79	"Lacerations"/

Syntax Line	Search Term
80	"Soft Tissue Injuries"/
81	"Multiple Trauma"/
82	exp "Fractures, Bone"/
83	"Neck Injuries"/
84	"Back Injuries"/
85	exp "Arm Injuries"/
86	exp "Hand Injuries"/
87	exp "Hip Injuries"/
88	exp "Leg Injuries"/
89	exp "Trauma Severity Indices"/
90	exp "Wounds, Nonpenetrating"/
91	exp "Brain Injuries"/
92	"Sprains and Strains"/
93	"Athletic Injuries"/
94	or/56-93
95	cost*.mp
96	health resource*.mp
97	resource allocation*.mp
98	economic*.mp
99	expens*.mp
100	exp "Costs and Cost Analysis/"
101	"Health Resources"/
102	"Economics"/
103	exp "Economics, Medical"/
104	exp "Economics, Hospital"/
105	exp "Resource Allocation"/
106	or/95-105
107	25 OR 55 OR 94 OR 106
108	fall.mp OR falls.mp OR fell.mp OR faller*.mp OR falling.mp
109	trip.mp OR trips.mp OR tripped.mp OR tripping.mp
110	slip.mp OR slips.mp OR slipped.mp OR slipping.mp
111	"Accidental Falls"/
112	or/108-111
113	107 AND 112
114	injur*.mp
115	wound*.mp
116	chronic pain.mp
117	muscle pain.mp
118	musculoskeletal pain.mp

Syntax Line	Search Term
119	rotator cuff.mp
120	bursitis.mp
121	dislocation*.mp
122	shoulder impingement syndrome*.mp
123	overuse syndrome*.mp
124	sprain*.mp
125	strain*.mp
126	human engineering.mp
127	occupational exposure*.mp
128	lifting.mp
129	push*.mp
130	pull*.mp
131	occupational accident*.mp
132	ergonomic*.mp
133	manual handling.mp
134	patient handling.mp
135	biomechanical phenomena.mp
136	occupational health.mp
137	fatigue*.mp
138	"Wounds and Injuries"/
139	"Musculoskeletal Pain"/
140	exp "Tendon Injuries"/
141	exp "Bursitis/"
142	exp "Sprains and Strains"/
143	exp "Dislocations"/
144	"Neck Pain"/
145	"Shoulder Pain"/
146	"Rotator Cuff"/
147	"Shoulder Impingement Syndrome"/
148	exp "Arm Injuries"/
149	exp "Hand Injuries"/
150	"Back Pain"/
151	"Low Back Pain"/
152	"Back Injuries"/
153	"Soft Tissue Injuries"/
154	"Human Engineering"/
155	"Moving and Lifting Patients"/
156	"Lifting"/
157	"Biomechanical Phenomena"/
158	"Occupational Exposure"/
159	"Occupational Health"/

Syntax Line	Search Term
160	"Occupational Injuries"/
161	"Fatigue"/
162	"Muscle Fatigue"/
163	"Cumulative Trauma Disorder"/
164	"Musculoskeletal Physiological Phenomena"/
165	or/114-164
166	health personnel.mp
167	physical therapist*.mp
168	physical therapist* assistant*.mp
169	caregiver*.mp
170	medical staff*.mp
171	nurse*.mp
172	nurs* staff*.mp
173	nurs* aide*.mp
174	community health worker*.mp
175	"Health Personnel"/
176	Physical Therapists"/
177	"Physical Therapist Assistants"/
178	"Caregivers"/
179	exp "Medical Staff"/
180	exp"Nurses"/
181	exp "Nursing Staff"/
182	"Nurses' Aides"/
183	"Community Health Workers"/
184	or/166-183
185	165 AND 184
186	113 OR 185
187	12 AND 186
188	animals/ not humans/
189	**187 NOT 188**