Karin Gravare Silbernagel

List of Publications by Year
in descending order

115	6,981	76326 40	62596 80
papers	citations	h-index	g-index

119	119	119	3829
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	2016 Consensus statement on return to sport from the First World Congress in Sports Physical Therapy, Bern. British Journal of Sports Medicine, 2016, 50, 853-864.	6.7	552
2	Pathogenesis of tendinopathies: inflammation or degeneration?. Arthritis Research and Therapy, 2009, 11, 235.	3.5	410
3	Tendinopathy. Nature Reviews Disease Primers, 2021, 7, 1.	30.5	388
4	The Achilles Tendon Total Rupture Score (ATRS). American Journal of Sports Medicine, 2007, 35, 421-426.	4.2	381
5	A test battery for evaluating hop performance in patients with an ACL injury and patients who have undergone ACL reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2006, 14, 778-788.	4.2	371
6	Acute Achilles Tendon Rupture. American Journal of Sports Medicine, 2010, 38, 2186-2193.	4.2	343
7	Continued Sports Activity, Using a Pain-Monitoring Model, during Rehabilitation in Patients with Achilles Tendinopathy. American Journal of Sports Medicine, 2007, 35, 897-906.	4.2	296
8	Stable Surgical Repair With Accelerated Rehabilitation Versus Nonsurgical Treatment for Acute Achilles Tendon Ruptures. American Journal of Sports Medicine, 2013, 41, 2867-2876.	4.2	254
9	Major functional deficits persist 2Âyears after acute Achilles tendon rupture. Knee Surgery, Sports Traumatology, Arthroscopy, 2011, 19, 1385-1393.	4.2	194
10	Deficits in Heel-Rise Height and Achilles Tendon Elongation Occur in Patients Recovering From an Achilles Tendon Rupture. American Journal of Sports Medicine, 2012, 40, 1564-1571.	4.2	189
11	Evaluation of lower leg function in patients with Achilles tendinopathy. Knee Surgery, Sports Traumatology, Arthroscopy, 2006, 14, 1207-1217.	4.2	162
12	A new measurement of heel-rise endurance with the ability to detect functional deficits in patients with Achilles tendon rupture. Knee Surgery, Sports Traumatology, Arthroscopy, 2010, 18, 258-264.	4.2	147
13	The Majority of Patients With Achilles Tendinopathy Recover Fully When Treated With Exercise Alone. American Journal of Sports Medicine, 2011, 39, 607-613.	4.2	146
14	Muscle strength and functional performance in patients with anterior cruciate ligament injury treated with training and surgical reconstruction or training only: A two to fiveâ€year followup. Arthritis and Rheumatism, 2008, 59, 1773-1779.	6.7	133
15	ICON 2019: International Scientific Tendinopathy Symposium Consensus: Clinical Terminology. British Journal of Sports Medicine, 2020, 54, 260-262.	6.7	133
16	Psychological factors are important to return to pre-injury sport activity after anterior cruciate ligament reconstruction: expect and motivate to satisfy. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 1375-1384.	4.2	123
17	Knee extension and flexion muscle power after anterior cruciate ligament reconstruction with patellar tendon graft or hamstring tendons graft: a cross-sectional comparison 3Âyears post surgery. Knee Surgery, Sports Traumatology, Arthroscopy, 2009, 17, 162-169.	4.2	105
18	Return to play post-Achilles tendon rupture: a systematic review and meta-analysis of rate and measures of return to play. British Journal of Sports Medicine, 2016, 50, 1325-1332.	6.7	103

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19	Current Clinical Concepts: Conservative Management of Achilles Tendinopathy. Journal of Athletic Training, 2020, 55, 438-447.	1.8	95
20	A Proposed Return-to-Sport Program for Patients With Midportion Achilles Tendinopathy: Rationale and Implementation. Journal of Orthopaedic and Sports Physical Therapy, 2015, 45, 876-886.	3.5	91
21	Eccentric or Concentric Exercises for the Treatment of Tendinopathies?. Journal of Orthopaedic and Sports Physical Therapy, 2015, 45, 853-863.	3.5	87
22	Full symptomatic recovery does not ensure full recovery of muscle-tendon function in patients with Achilles tendinopathy * COMMENTARY. British Journal of Sports Medicine, 2007, 41, 276-280.	6.7	86
23	Continuous Shear Wave Elastography: A New Method to Measure Viscoelastic Properties of Tendons inÂVivo. Ultrasound in Medicine and Biology, 2015, 41, 1518-1529.	1.5	86
24	ICON 2019â€"International Scientific Tendinopathy Symposium Consensus: There are nine core health-related domains for tendinopathy (CORE DOMAINS): Delphi study of healthcare professionals and patients. British Journal of Sports Medicine, 2020, 54, 444-451.	6.7	85
25	Predictors of Clinical Outcome After Acute Achilles Tendon Ruptures. American Journal of Sports Medicine, 2014, 42, 1448-1455.	4.2	82
26	Compensatory muscle activation caused by tendon lengthening post-Achilles tendon rupture. Knee Surgery, Sports Traumatology, Arthroscopy, 2015, 23, 868-874.	4.2	73
27	A new surgical method to treat chronic ruptures and reruptures of the Achilles tendon. Knee Surgery, Sports Traumatology, Arthroscopy, 2008, 16, 614-620.	4.2	67
28	Cross-cultural adaptation of the VISA-A questionnaire, an index of clinical severity for patients with Achilles tendinopathy, with reliability, validity and structure evaluations. BMC Musculoskeletal Disorders, 2005, 6, 12.	1.9	65
29	Rehabilitation after anatomical ankle ligament repair or reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 1130-1139.	4.2	64
30	Outcome Evaluation in Tendinopathy: Foundations of Assessment and a Summary of Selected Measures. Journal of Orthopaedic and Sports Physical Therapy, 2015, 45, 950-964.	3.5	56
31	Modifiable risk factors for patellar tendinopathy in athletes: a systematic review and meta-analysis. British Journal of Sports Medicine, 2018, 52, 1575-1585.	6.7	56
32	Shear-stress sensing by PIEZO1 regulates tendon stiffness in rodents and influences jumping performance in humans. Nature Biomedical Engineering, 2021, 5, 1457-1471.	22.5	54
33	Nonsurgical treatment and early return to activity leads to improved Achilles tendon fatigue mechanics and functional outcomes during early healing in an animal model. Journal of Orthopaedic Research, 2016, 34, 2172-2180.	2.3	53
34	Elevated Knee Joint Kinetics and Reduced Ankle Kinetics Are Present During Jogging and Hopping After Achilles Tendon Ruptures. American Journal of Sports Medicine, 2017, 45, 1124-1133.	4.2	52
35	Calf Muscle Performance Deficits Remain 7 Years After an Achilles Tendon Rupture. American Journal of Sports Medicine, 2018, 46, 470-477.	4.2	52
36	ICON PART-T 2019â€"International Scientific Tendinopathy Symposium Consensus: recommended standards for reporting participant characteristics in tendinopathy research (PART-T). British Journal of Sports Medicine, 2020, 54, 627-630.	6.7	52

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37	Cross cultural adaptation of the Achilles tendon Total Rupture Score with reliability, validity and responsiveness evaluation. Knee Surgery, Sports Traumatology, Arthroscopy, 2013, 21, 1356-1360.	4.2	51
38	Heel-Rise Height Deficit 1 Year After Achilles Tendon Rupture Relates to Changes in Ankle Biomechanics 6 Years After Injury. American Journal of Sports Medicine, 2017, 45, 3060-3068.	4.2	51
39	Sex Differences in Outcome After an Acute Achilles Tendon Rupture. Orthopaedic Journal of Sports Medicine, 2015, 3, 232596711558676.	1.7	47
40	Achilles Tendon Resting Angle Relates to Tendon Length and Function. Foot and Ankle International, 2018, 39, 343-348.	2.3	45
41	Quantification of Mechanical Properties in Healthy Achilles Tendon Using Continuous Shear Wave Elastography: A Reliability and Validation Study. Ultrasound in Medicine and Biology, 2019, 45, 1574-1585.	1.5	45
42	A real-time EMG-driven musculoskeletal model of the ankle. Multibody System Dynamics, 2012, 28, 169-180.	2.7	43
43	Surgical repair of the ruptured Achilles tendon: the cost-effectiveness of open versus percutaneous repair. Knee Surgery, Sports Traumatology, Arthroscopy, 2013, 21, 1361-1368.	4.2	41
44	Acute Ultrasonography Investigation to Predict Reruptures and Outcomes in Patients With an Achilles Tendon Rupture. Orthopaedic Journal of Sports Medicine, 2016, 4, 232596711666792.	1.7	41
45	Extended field of view ultrasound imaging to evaluate Achilles tendon length and thickness: a reliability and validity study. Muscles, Ligaments and Tendons Journal, 2016, 6, 104-10.	0.3	41
46	Cost-effectiveness analysis of surgical versus non-surgical management of acute Achilles tendon ruptures. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 3074-3082.	4.2	36
47	The Achilles tendon resting angle as an indirect measure of Achilles tendon length following rupture, repair, and rehabilitation. Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology, 2015, 2, 49-55.	1.0	35
48	Viscoelastic properties of healthy achilles tendon are independent of isometric plantar flexion strength and crossâ€sectional area. Journal of Orthopaedic Research, 2015, 33, 926-931.	2.3	33
49	Early mobilization does not reduce the risk of deep venous thrombosis after Achilles tendon rupture: a randomized controlled trial. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 312-319.	4.2	30
50	Exercise Progression to Incrementally Load the Achilles Tendon. Medicine and Science in Sports and Exercise, 2021, 53, 124-130.	0.4	30
51	Functional Outcome of Percutaneous Achilles Repair. Orthopaedic Journal of Sports Medicine, 2013, 1, 232596711349458.	1.7	29
52	Preinjury and Postinjury Running Analysis Along With Measurements of Strength and Tendon Length in a Patient With a Surgically Repaired Achilles Tendon Rupture. Journal of Orthopaedic and Sports Physical Therapy, 2012, 42, 521-529.	3.5	28
53	Defining Components of Early Functional Rehabilitation for Acute Achilles Tendon Rupture: A Systematic Review. Orthopaedic Journal of Sports Medicine, 2019, 7, 232596711988407.	1.7	26
54	Tendon morphology and mechanical properties assessed by ultrasound show change early in recovery and potential prognostic ability for 6-month outcomes. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 2831-2839.	4.2	26

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55	THE DEGREE OF TENDINOSIS IS RELATED TO SYMPTOM SEVERITY AND PHYSICAL ACTIVITY LEVELS IN PATIENTS WITH MIDPORTION ACHILLES TENDINOPATHY. International Journal of Sports Physical Therapy, 2018, 13, 196-207.	1.3	26
56	Functional Outcomes of Achilles Tendon Minimally Invasive Repair Using 4- and 6-Strand Nonabsorbable Suture: A Cohort Comparison Study. Orthopaedic Journal of Sports Medicine, 2017, 5, 232596711772334.	1.7	25
57	Does Early Functional Mobilization Affect Long-Term Outcomes After an Achilles Tendon Rupture? A Randomized Clinical Trial. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596712090652.	1.7	25
58	Patients with an Achilles tendon re-rupture haveÂlong-term functional deficits in function and worse patient-reported outcome than primary ruptures. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 3063-3072.	4.2	22
59	Lower extremity work along with triceps surae structure and activation is altered with jumping after Achilles tendon repair. Journal of Orthopaedic Research, 2019, 37, 933-941.	2.3	22
60	Changes in Tendon Elongation and Muscle Atrophy Over Time After Achilles Tendon Rupture Repair: A Prospective Cohort Study on the Effects of Early Functional Mobilization. American Journal of Sports Medicine, 2020, 48, 3296-3305.	4.2	21
61	Tendon Morphology and Mechanical Properties Are Associated With the Recovery of Symptoms and Function in Patients With Achilles Tendinopathy. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596712091727.	1.7	19
62	Individuals Post Achilles Tendon Rupture Exhibit Asymmetrical Knee and Ankle Kinetics and Loading Rates During a Drop Countermovement Jump. Journal of Orthopaedic and Sports Physical Therapy, 2018, 48, 34-43.	3.5	18
63	Distinguishing Quadriceps Tendinopathy and Patellar Tendinopathy: Semantics or Significant?. Journal of Orthopaedic and Sports Physical Therapy, 2019, 49, 627-630.	3.5	18
64	Age and Tightness of Repair Are Predictors of Heel-Rise Height After Achilles Tendon Rupture. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596712090955.	1.7	18
65	Kinesiophobia Severity Categories and Clinically Meaningful Symptom Change in Persons With Achilles Tendinopathy in a Cross-Sectional Study: Implications for Assessment and Willingness to Exercise. Frontiers in Pain Research, 2021, 2, 739051.	2.0	18
66	Fear of Movement and Reinjury in Sports Medicine: Relevance for Rehabilitation and Return to Sport. Physical Therapy, 2022, 102, .	2.4	18
67	Isometric exercise for acute pain relief: is it relevant in tendinopathy management?. British Journal of Sports Medicine, 2019, 53, 1330-1331.	6.7	17
68	Achilles tendon cross-sectional area at 12Âweeks post-rupture relates to 1-year heel-rise height. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 245-252.	4.2	17
69	Does One Size Fit All When It Comes to Exercise Treatment for Achilles Tendinopathy?. Journal of Orthopaedic and Sports Physical Therapy, 2014, 44, 42-44.	3.5	15
70	High Plantar Force Loading After Achilles Tendon Rupture Repair With Early Functional Mobilization. American Journal of Sports Medicine, 2019, 47, 894-900.	4.2	15
71	Pain-guided activity modification during treatment for patellar tendinopathy: a feasibility and pilot randomized clinical trial. Pilot and Feasibility Studies, 2021, 7, 58.	1.2	15
72	Beyond the Diagnosis: Using Patient Characteristics and Domains of Tendon Health to Identify Latent Subgroups of Achilles Tendinopathy. Journal of Orthopaedic and Sports Physical Therapy, 2021, 51, 440-448.	3.5	15

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73	ICON 2020â€"International Scientific Tendinopathy Symposium Consensus: A Systematic Review of Outcome Measures Reported in Clinical Trials of Achilles Tendinopathy. Sports Medicine, 2022, 52, 613-641.	6.5	15
74	No difference in strength and clinical outcome between early and late repair after Achilles tendon rupture. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 1587-1594.	4.2	14
75	Changes in gait mechanics and muscle activity with wedge height in an orthopaedic boot. Gait and Posture, 2019, 70, 59-64.	1.4	13
76	Relationship between mechanical properties (shear modulus and viscosity), age, and sex in uninjured Achilles tendons. Translational Sports Medicine, 2020, 3, 321-327.	1.1	13
77	Aspects of treatment for posterior heel pain in young athletes. Open Access Journal of Sports Medicine, 2010, 1, 223.	1.3	12
78	Resistance Exercises in Early Functional Rehabilitation for Achilles Tendon Ruptures Are Poorly Described: A Scoping Review. Journal of Orthopaedic and Sports Physical Therapy, 2020, 50, 681-690.	3.5	12
79	Immediate effect of photobiomodulation therapy on Achilles tendon morphology and mechanical properties: An exploratory study. Translational Sports Medicine, 2019, 2, 164-172.	1.1	11
80	Relationships between tendon structure and clinical impairments in patients with patellar tendinopathy. Journal of Orthopaedic Research, 2022, 40, 2320-2329.	2.3	11
81	A Prospective Cohort Study on the Effect of a Balance Training Program, Including Calf Muscle Strengthening, in Community-Dwelling Older Adults. Journal of Geriatric Physical Therapy, 2016, 39, 125-131.	1.1	10
82	Return to competition after an Achilles tendon rupture using both on and off the field load monitoring as guidance: A case report of a top-level soccer player. Physical Therapy in Sport, 2018, 29, 70-78.	1.9	10
83	The Effect of Quadriceps Muscle Length on Maximum Neuromuscular Electrical Stimulation Evoked Contraction, Muscle Architecture, and Tendon-Aponeurosis Stiffness. Frontiers in Physiology, 2021, 12, 633589.	2.8	10
84	Chronic hyperglycemia, hypercholesterolemia, and metabolic syndrome are associated with risk of tendon injury. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 1822-1831.	2.9	10
85	Muscle fatigue after Achilles tendon rupture: A limited heel-rise test with electromyography reveals decreased endurance. European Journal of Physiotherapy, 2015, 17, 200-207.	1.3	9
86	Side-to-side differences in Achilles tendon geometry and mechanical properties following achilles tendon rupture. Muscles, Ligaments and Tendons Journal, 2017, 7, 541.	0.3	9
87	THE DEGREE OF TENDINOSIS IS RELATED TO SYMPTOM SEVERITY AND PHYSICAL ACTIVITY LEVELS IN PATIENTS WITH MIDPORTION ACHILLES TENDINOPATHY. International Journal of Sports Physical Therapy, 2018, 13, 196-207.	1.3	8
88	A prospective study on dinghy sailorsâ€™ training habits and injury incidence with a comparison between elite sailor and club sailor during a 12-month period. British Journal of Sports Medicine, 2013, 47, 826-831.	6.7	7
89	Muscle activation during maximum voluntary contraction and m-wave related in healthy but not in injured conditions: Implications when normalizing electromyography. Clinical Biomechanics, 2019, 69, 104-108.	1.2	7
90	Success Criteria and Preclinical Testing of Multifunctional Hydrogels for Tendon Regeneration. Tissue Engineering - Part C: Methods, 2020, 26, 506-518.	2.1	7

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91	â€œI've been to physical therapy before, but not for the knees.â€•A qualitative study exploring barriers and facilitators to physical therapy utilization for knee osteoarthritis. Musculoskeletal Care, 2020, 18, 477-486.	1.4	7
92	The Impact of the Degree of Kinesiophobia on Recovery in Patients With Achilles Tendinopathy. Physical Therapy, 2021, 101, .	2.4	7
93	FROM ACUTE ACHILLES TENDON RUPTURE TO RETURN TO PLAY - A CASE REPORT EVALUATING RECOVERY OF TENDON STRUCTURE, MECHANICAL PROPERTIES, CLINICAL AND FUNCTIONAL OUTCOMES. International Journal of Sports Physical Therapy, 2016, 11, 1150-1159.	1.3	7
94	FREQUENCY OF PATHOLOGY ON DIAGNOSTIC ULTRASOUND AND RELATIONSHIP TO PATIENT DEMOGRAPHICS IN INDIVIDUALS WITH INSERTIONAL ACHILLES TENDINOPATHY. International Journal of Sports Physical Therapy, 2019, 14, 761-769.	1.3	7
95	Tendon loading in runners with Achilles tendinopathy: Relations to pain, structure, and function during returnâ€toâ€sport. Scandinavian Journal of Medicine and Science in Sports, 2022, 32, 1201-1212.	2.9	7
96	Evaluating the relationship between gait and clinical measures of plantar flexor function. Journal of Electromyography and Kinesiology, 2018, 43, 41-47.	1.7	6
97	Functional Ankle Range of Motion but Not Peak Achilles Tendon Force Diminished With Heel-Rise and Jumping Tasks After Achilles Tendon Repair. American Journal of Sports Medicine, 2021, 49, 2439-2446.	4.2	6
98	Effects of kinesiophobia and pain on performance and willingness to perform jumping tests in Achilles tendinopathy: A cross-sectional study. Physical Therapy in Sport, 2021, 50, 139-144.	1.9	6
99	Characteristics of human knee muscle coordination during isometric contractions in a standing posture: The effect of limb task. Journal of Electromyography and Kinesiology, 2013, 23, 1398-1405.	1.7	5
100	Calf Endurance and Achilles Tendon Structure in Classical Ballet Dancers. Journal of Dance Medicine and Science, 2017, 21, 64-69.	0.7	5
101	No effects of early functional mobilization on gait patterns after acute Achilles tendon rupture repair. Journal of Orthopaedic Research, 2022, 40, 1932-1942.	2.3	5
102	The effects of knee and hip joint angles on patellar tendon loading during quadriceps neuromuscular electrical stimulation. Translational Sports Medicine, 2021, 4, 587-596.	1.1	4
103	DISTAL FIBULAR STRESS FRACTURE IN A FEMALE RECREATIONAL RUNNER: A CASE REPORT WITH MUSCULOSKELETAL ULTRASOUND IMAGING FINDINGS. International Journal of Sports Physical Therapy, 2015, 10, 1050-8.	1.3	3
104	Are randomised control trials best for evaluating the effect of complex physical therapy interventions?. British Journal of Sports Medicine, 2018, 52, 949-950.	6.7	2
105	JOSPT Infographics: When a Picture Tells Far More Than a Thousand Words. Journal of Orthopaedic and Sports Physical Therapy, 2021, 51, 262-263.	3.5	2
106	Current Consensus for Rehabilitation Protocols of the Surgically Repaired Acute Mid-Substance Achilles Rupture: A Systematic Review and Recommendations From the â€œGAITâ€•Study Group. Journal of Foot and Ankle Surgery, 2022, 61, 855-861.	1.0	2
107	Letter to the Editor. American Journal of Sports Medicine, 2007, 35, 1208-1209.	4.2	1
108	Treatment of Chronic Achilles Tendinopathies. , 2014, , 191-200.		1

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109	Efficacy of high-volume injections with and without corticosteroid compared with sham for Achilles tendinopathy: a protocol for a randomised controlled trial. BMJ Open Sport and Exercise Medicine, 2021, 7, e001136.	2.9	1
110	Nonsurgical Treatment of Achilles Tendinopathy. , 2015, , 2187-2199.		0
111	Treatment of Achilles Tendinopathies. , 2019, , 173-186.		0
112	Increased risk of deep venous thrombosis in patients with poor ankle dorsiflexion after lower limb immobilization. OTA International the Open Access Journal of Orthopaedic Trauma, 2019, 2, e038.	1.0	0
113	Impact of seated and standing positions on triceps surae muscle activation in unilateral Achilles tendon rupture. Translational Sports Medicine, 2020, 3, 3-8.	1.1	0
114	Rehabilitation of Tendinopathy in Basketball. , 2020, , 749-763.		0
115	Rehabilitation of Foot and Ankle Injuries in Basketball Players. , 2020, , 737-747.		0