

# Paul Ackermann

## List of Publications by Year in descending order

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Version: 2024-02-01

91  
papers

2,563  
citations

147566

31  
h-index

214527

47  
g-index

99  
all docs

99  
docs citations

99  
times ranked

2257  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pronociceptive and Antinociceptive Neuromediators in Patellar Tendinopathy. American Journal of Sports Medicine, 2006, 34, 1801-1808.	1.9	123
2	Increased Fracture Risk in Patients with Rheumatic Disorders and Other Inflammatory Diseases – A Case-Control Study with 53,108 Patients with Fracture: Table 1.. Journal of Rheumatology, 2010, 37, 2247-2250.	1.0	113
3	Tendinopathy in Sport. Sports Health, 2012, 4, 193-201.	1.3	109
4	Neuronal plasticity in relation to nociception and healing of rat achilles tendon. Journal of Orthopaedic Research, 2003, 21, 432-441.	1.2	104
5	Early nerve regeneration after Achilles tendon rupture – a prerequisite for healing? A study in the rat. Journal of Orthopaedic Research, 2002, 20, 849-856.	1.2	98
6	Type 2 diabetes impairs tendon repair after injury in a rat model. Journal of Applied Physiology, 2012, 113, 1784-1791.	1.2	72
7	Meta-analysis and suggested guidelines for prevention of venous thromboembolism (VTE) in foot and ankle surgery. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 1409-1420.	2.3	71
8	Autonomic innervation of tendons, ligaments and joint capsules. A morphologic and quantitative study in the rat. Journal of Orthopaedic Research, 2001, 19, 372-378.	1.2	66
9	Neuronal regulation of tendon homeostasis. International Journal of Experimental Pathology, 2013, 94, 271-286.	0.6	62
10	Anti-inflammatory cytokine profile in early human tendon repair. Knee Surgery, Sports Traumatology, Arthroscopy, 2013, 21, 1801-1806.	2.3	61
11	Functional weight-bearing mobilization after Achilles tendon rupture enhances early healing response: a single-blinded randomized controlled trial. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 1807-1816.	2.3	61
12	Joint immobilization reduces the expression of sensory neuropeptide receptors and impairs healing after tendon rupture in a rat model. Journal of Orthopaedic Research, 2009, 27, 274-280.	1.2	58
13	Intermittent pneumatic compression reduces the risk of deep vein thrombosis during post-operative lower limb immobilisation. Bone and Joint Journal, 2015, 97-B, 675-680.	1.9	57
14	Sensory neuropeptidergic pattern in tendon, ligament and joint capsule. A study in the rat. NeuroReport, 1999, 10, 2055-2060.	0.6	56
15	Does Rehabilitation Matter in Patients With Femoral Neck Fracture and Cognitive Impairment? A Prospective Study of 246 Patients. Archives of Physical Medicine and Rehabilitation, 2010, 91, 51-57.	0.5	56
16	Physical activity modulates nerve plasticity and stimulates repair after achilles tendon rupture. Journal of Orthopaedic Research, 2007, 25, 164-172.	1.2	54
17	Sports Massage after Eccentric Exercise. American Journal of Sports Medicine, 2004, 32, 1499-1503.	1.9	50
18	Absorption of Aroma Volatiles of Orange Juice into Laminated Carton Packages Did Not Affect Sensory Quality. Journal of Food Science, 1992, 57, 1408-1411.	1.5	49

#	ARTICLE	IF	CITATIONS
19	Neuronal pathways in tendon healing. <i>Frontiers in Bioscience - Landmark</i> , 2009, 14, 5165.	3.0	48
20	Occurrence of substance P in bone repair under different load comparison of straight and angulated fracture in rat tibia. <i>Journal of Orthopaedic Research</i> , 2010, 28, 1643-1650.	1.2	47
21	Neuronal pathways in tendon healing and tendinopathy - update. <i>Frontiers in Bioscience - Landmark</i> , 2014, 19, 1251.	3.0	47
22	Coexistence of up-regulated NMDA receptor 1 and glutamate on nerves, vessels and transformed tenocytes in tendinopathy. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010, 20, 208-215.	1.3	46
23	Prolonged immobilization compromises up-regulation of repair genes after tendon rupture in a rat model. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010, 20, 411-417.	1.3	45
24	Substance P injections enhance tissue proliferation and regulate sensory nerve ingrowth in rat tendon repair. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2011, 21, 562-569.	1.3	44
25	Glutamate receptors in tendinopathic patients. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1447-1452.	1.2	41
26	Metabolic activity in early tendon repair can be enhanced by intermittent pneumatic compression. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2012, 22, e55-63.	1.3	41
27	Influence of Comorbidities: Neuropathy, Vasculopathy, and Diabetes on Healing Response Quality. <i>Advances in Wound Care</i> , 2013, 2, 410-421.	2.6	41
28	Intermittent pneumatic compression enhances neurovascular ingrowth and tissue proliferation during connective tissue healing: A study in the rat. <i>Journal of Orthopaedic Research</i> , 2007, 25, 1185-1192.	1.2	39
29	Neuropeptide Y innervation during fracture healing and remodeling. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 81, 639-646.	1.2	34
30	Forward Lunge: A Training Study of Eccentric Exercises of the Lower Limbs. <i>Journal of Strength and Conditioning Research</i> , 2009, 23, 972-978.	1.0	33
31	Compression therapy promotes proliferative repair during rat Achilles tendon immobilization. <i>Journal of Orthopaedic Research</i> , 2010, 28, 852-858.	1.2	33
32	Tendon Innervation. <i>Advances in Experimental Medicine and Biology</i> , 2016, 920, 35-51.	0.8	33
33	An Opioid System in Connective Tissue: A Study of Achilles Tendon in the Rat. <i>Journal of Histochemistry and Cytochemistry</i> , 2001, 49, 1387-1395.	1.3	31
34	Chemokine expression of CCL2, CCL3, CCL5 and CXCL10 during early inflammatory tendon healing precedes nerve regeneration: an immunohistochemical study in the rat. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 2682-2689.	2.3	30
35	Early mobilization does not reduce the risk of deep venous thrombosis after Achilles tendon rupture: a randomized controlled trial. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 312-319.	2.3	30
36	Ageing, deep vein thrombosis and male gender predict poor outcome after acute Achilles tendon rupture. <i>Bone and Joint Journal</i> , 2016, 98-B, 1635-1641.	1.9	28

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37	Achilles tendon rupture healing is enhanced by intermittent pneumatic compression upregulating collagen type I synthesis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 2021-2029.	2.3	26
38	Reduced Time to Surgery Improves Patient-Reported Outcome After Achilles Tendon Rupture. <i>American Journal of Sports Medicine</i> , 2018, 46, 2929-2934.	1.9	26
39	Does Early Functional Mobilization Affect Long-Term Outcomes After an Achilles Tendon Rupture? A Randomized Clinical Trial. <i>Orthopaedic Journal of Sports Medicine</i> , 2020, 8, 232596712090652.	0.8	25
40	General Overview and Summary of Concepts Regarding Tendon Disease Topics Addressed Related to Metabolic Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2016, 920, 293-298.	0.8	23
41	Expressional changes in growth and inflammatory mediators during Achilles tendon repair in diabetic rats: new insights into a possible basis for compromised healing. <i>Cell and Tissue Research</i> , 2014, 357, 109-117.	1.5	22
42	Calcitonin gene related peptide and neuropeptide Y in skeletal muscle after eccentric exercise: a microdialysis study * Commentary. <i>British Journal of Sports Medicine</i> , 2006, 40, 264-267.	3.1	21
43	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. <i>American Journal of Sports Medicine</i> , 2020, 48, 3296-3305.	1.9	21
44	Can foot compression under a plaster cast prevent deep-vein thrombosis during lower limb immobilisation?. <i>Bone and Joint Journal</i> , 2013, 95-B, 1227-1231.	1.9	20
45	Increase in sensory neuropeptides surrounding the Achilles tendon in rats with adjuvant arthritis. <i>Journal of Orthopaedic Research</i> , 2005, 23, 294-301.	1.2	19
46	Normal Ligament Structure, Physiology and Function. <i>Sports Medicine and Arthroscopy Review</i> , 2005, 13, 127-135.	1.0	18
47	Nucleostemin- and Oct 3/4-positive stem/progenitor cells exhibit disparate anatomical and temporal expression during rat Achilles tendon healing. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 212.	0.8	17
48	Procollagen markers in microdialysate can predict patient outcome after Achilles tendon rupture. <i>BMJ Open Sport and Exercise Medicine</i> , 2016, 2, e000114.	1.4	17
49	Detection of slow-cycling and stem/progenitor cells in different regions of rat Achilles tendon: response to treadmill exercise. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 1694-1703.	2.3	16
50	Exercise training ameliorates matrix metalloproteinases 2 and 9 messenger RNA expression and mitigates adverse left ventricular remodeling in streptozotocin-induced diabetic rats. <i>Cardiovascular Pathology</i> , 2017, 29, 37-44.	0.7	16
51	Microcirculation after Achilles tendon rupture correlates with functional and patient-reported outcomes. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 294-302.	1.3	16
52	Residual substance P levels after capsaicin treatment correlate with tendon repair. <i>Wound Repair and Regeneration</i> , 2012, 20, 50-60.	1.5	15
53	Increased mast cell degranulation and co-localization of mast cells with the NMDA receptor-1 during healing after Achilles tendon rupture. <i>Cell and Tissue Research</i> , 2017, 370, 451-460.	1.5	15
54	High Plantar Force Loading After Achilles Tendon Rupture Repair With Early Functional Mobilization. <i>American Journal of Sports Medicine</i> , 2019, 47, 894-900.	1.9	15

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55	Compromised Neurotrophic and Angiogenic Regenerative Capability during Tendon Healing in a Rat Model of Type-II Diabetes. PLoS ONE, 2017, 12, e0170748.	1.1	15
56	Longer duration of operative time enhances healing metabolites and improves patient outcome after Achilles tendon rupture surgery. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 2011-2020.	2.3	14
57	Additive effects of nutritional supplementation, together with isphosphonates, on bone mineral density after hip fracture: a 12-month randomized controlled study. Clinical Interventions in Aging, 2014, 9, 1043.	1.3	13
58	Glutamate triggers the expression of functional ionotropic and metabotropic glutamate receptors in mast cells. Cellular and Molecular Immunology, 2021, 18, 2383-2392.	4.8	13
59	Achilles tendon ruptures during summer show the lowest incidence, but exhibit an increased risk of re-rupture. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 3978-3986.	2.3	10
60	Effects of electrode size and placement on comfort and efficiency during low-intensity neuromuscular electrical stimulation of quadriceps, hamstrings and gluteal muscles. BMC Sports Science, Medicine and Rehabilitation, 2022, 14, 11.	0.7	10
61	FGF gene expression in injured tendons as a prognostic biomarker of 1-year patient outcome after Achilles tendon repair. Journal of Experimental Orthopaedics, 2021, 8, 20.	0.8	9
62	Knee extensor force production and discomfort during neuromuscular electrical stimulation of quadriceps with and without gluteal muscle co-stimulation. European Journal of Applied Physiology, 2022, 122, 1521-1530.	1.2	9
63	Katz et al., Efficacy and safety of tanezumab in the treatment of chronic low back pain [Pain 2011;152:2248â€“2258] and Hill, Blocking the effects of NGF as a route to safe and effective pain relief â€“ fact or fancy? [Pain 2011;152:2200â€“2201]. Pain, 2012, 153, 1128-1129.	2.0	7
64	Achilles tendinopathy â€“ pathophysiology: state of the art. Journal of ISAKOS, 2018, 3, 304-314.	1.1	7
65	Hemodynamics and tolerability of lower-limb intermittent pneumatic compression devices and neuromuscular stimulation. Translational Sports Medicine, 2018, 1, 143-150.	0.5	7
66	Effect of photobiomodulation and exercise on early remodeling of the Achilles tendon in streptozotocin-induced diabetic rats. PLoS ONE, 2019, 14, e0211643.	1.1	7
67	Treatment of acute Achilles tendon rupture â€“ a multicentre, non-inferiority analysis. BMC Musculoskeletal Disorders, 2020, 21, 358.	0.8	7
68	Complement factor D as a predictor of Achilles tendon healing and long-term patient outcomes. FASEB Journal, 2022, 36, .	0.2	7
69	Pyruvate and lactate as local prognostic biomarkers of patient outcome after achilles tendon rupture. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 1529-1536.	1.3	6
70	Deep venous thrombosis after Achilles tendon rupture is associated with poor patient-reported outcome. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 3309-3317.	2.3	6
71	Complete mid-portion rupture of the rat achilles tendon leads to remote and time-mismatched changes in uninjured regions. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 1990-1999.	2.3	6
72	Tendon painâ€“ what are the mechanisms behind it?. Scandinavian Journal of Pain, 2023, 23, 14-24.	0.5	6

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73	Tendon Innervation and Neuronal Response After Injury. , 2005, , 287-297.		5
74	Adjuvant compression therapy in orthopaedic surgeryâ€”an evidence-based review. European Orthopaedics and Traumatology, 2013, 4, 49-57.	0.1	5
75	Tendinopathy I. , 2015, , 113-147.		5
76	No effects of early functional mobilization on gait patterns after acute Achilles tendon rupture repair. Journal of Orthopaedic Research, 2022, 40, 1932-1942.	1.2	5
77	Status of the PCDD and PCDF contamination of commercial milk caused by milk cartons. Chemosphere, 2006, 63, 670-675.	4.2	4
78	Deep Venous Thrombosis and Tendon Healing. Advances in Experimental Medicine and Biology, 2016, 920, 221-228.	0.8	4
79	Treatment of Achilles tendinopathy: state of the art. Journal of ISAKOS, 2018, 3, 367-376.	1.1	2
80	Increasing thigh pain: acute compartment syndrome!. BMJ Case Reports, 2010, 2010, bcr1220092513-bcr1220092513.	0.2	2
81	Understanding limitations in sport 1 year after an Achilles tendon rupture: a multicentre analysis of 285 patients. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 233-244.	2.3	1
82	Higher pyruvate levels after Achilles tendon rupture surgery could be used as a prognostic biomarker of an improved patient outcome. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 300-309.	2.3	1
83	STOP leg clotsâ€”Swedish multicentre trial of outpatient prevention of leg clots: study protocol for a randomised controlled trial on the efficacy of intermittent pneumatic compression on venous thromboembolism in lower leg immobilised patients. BMJ Open, 2021, 11, e044103.	0.8	1
84	Biologics in Tendon Healing: PRP/Fibrin/Stem Cells. , 2017, , 135-146.		1
85	Microcirculation in healing and healthy Achilles tendon assessed with invasive laser doppler flowmetry. Muscles, Ligaments and Tendons Journal, 2016, 6, 90-6.	0.1	1
86	Which leg immobilized patient gains the most from Intermittent Pneumatic Compression in DVT-prevention?. Muscles, Ligaments and Tendons Journal, 2019, 09, 272.	0.1	1
87	Pathophysiology of Tendinopathy: Implications for Tennis Elbow. , 2018, , 263-275.		0
88	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.	0.4	0
89	Tendinopathies in Sports: From Basic Research to the Field. , 2015, , 2307-2320.		0
90	Patient-Reported Outcome and Healing Biomarkers in Patients Treated by Female versus Male Surgeonsâ€” A cohort study on Achilles tendon ruptures. Muscles, Ligaments and Tendons Journal, 2019, 09, 531.	0.1	0

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91	Effect of Surgeon Experience on Long-Term Patient Outcomes in Surgical Repair of Acute Achilles Tendon Rupture. Orthopaedic Journal of Sports Medicine, 2022, 10, 232596712210776.	0.8	0