

# Tero A H Järvinen

## List of Publications by Year in descending order

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75  
papers

5,941  
citations

126907

33  
h-index

91884

69  
g-index

81  
all docs

81  
docs citations

81  
times ranked

6419  
citing authors

#	ARTICLE	IF	CITATIONS
1	Muscle Injuries. American Journal of Sports Medicine, 2005, 33, 745-764.	4.2	905
2	Achilles Tendon Disorders: Etiology and Epidemiology. Foot and Ankle Clinics, 2005, 10, 255-266.	1.3	446
3	Amplification and Deletion of Topoisomerase II $\pm$ Associate with ErbB-2 Amplification and Affect Sensitivity to Topoisomerase II Inhibitor Doxorubicin in Breast Cancer. American Journal of Pathology, 2000, 156, 839-847.	3.8	361
4	Muscle injuries: optimising recovery. Best Practice and Research in Clinical Rheumatology, 2007, 21, 317-331.	3.3	324
5	Effect of a vibration exposure on muscular performance and body balance. Randomized cross-over study. Clinical Physiology and Functional Imaging, 2002, 22, 145-152.	1.2	317
6	ACHILLES TENDINOPATHY. Journal of Bone and Joint Surgery - Series A, 2002, 84, 2062-2076.	3.0	312
7	Estrogen Receptor $\beta$ Is Coexpressed with ER $\alpha$ and PR and Associated with Nodal Status, Grade, and Proliferation Rate in Breast Cancer. American Journal of Pathology, 2000, 156, 29-35.	3.8	263
8	Organization and distribution of intramuscular connective tissue in normal and immobilized skeletal muscles. An immunohistochemical, polarization and scanning electron microscopic study. Journal of Muscle Research and Cell Motility, 2002, 23, 245-254.	2.0	198
9	HER-2 amplification and topoisomerase II $\alpha$ gene aberrations as predictive markers in node-positive breast cancer patients randomly treated either with an anthracycline-based therapy or with cyclophosphamide, methotrexate, and 5-fluorouracil. Clinical Cancer Research, 2002, 8, 1107-16.	7.0	195
10	Characterization of topoisomerase II $\beta$ gene amplification and deletion in breast cancer. Genes Chromosomes and Cancer, 1999, 26, 142-150.	2.8	172
11	Achilles tendon injuries. Current Opinion in Rheumatology, 2001, 13, 150-155.	4.3	161
12	Peptides selected for binding to clotted plasma accumulate in tumor stroma and wounds. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2800-2804.	7.1	150
13	Treatment of tendon disorders. Foot and Ankle Clinics, 2002, 7, 501-513.	1.3	139
14	Mechanical loading regulates the expression of tenascin-C in the myotendinous junction and tendon but does not induce de novo synthesis in the skeletal muscle. Journal of Cell Science, 2003, 116, 857-866.	2.0	136
15	Collagen fibres of the spontaneously ruptured human tendons display decreased thickness and crimp angle. Journal of Orthopaedic Research, 2004, 22, 1303-1309.	2.3	128
16	Rescue plan for Achilles: Therapeutics steering the fate and functions of stem cells in tendon wound healing. Advanced Drug Delivery Reviews, 2018, 129, 352-375.	13.7	106
17	Arthroscopic partial meniscectomy versus placebo surgery for a degenerative meniscus tear: a 2-year follow-up of the randomised controlled trial. Annals of the Rheumatic Diseases, 2018, 77, 188-195.	0.9	103
18	Target-seeking antifibrotic compound enhances wound healing and suppresses scar formation in mice. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21671-21676.	7.1	95

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19	Decorin: A Growth Factor Antagonist for Tumor Growth Inhibition. <i>BioMed Research International</i> , 2015, 2015, 1-11.	1.9	87
20	Her-2/neu and Topoisomerase $\alpha$ in Breast Cancer. <i>Breast Cancer Research and Treatment</i> , 2003, 78, 299-311.	2.5	84
21	Location and distribution of non-collagenous matrix proteins in musculoskeletal tissues of rat. <i>The Histochemical Journal</i> , 1998, 30, 799-810.	0.6	70
22	Free mobilization and low- to high-intensity exercise in immobilization-induced muscle atrophy. <i>Journal of Applied Physiology</i> , 1998, 84, 1418-1424.	2.5	69
23	Evaluation of HER-2/NEU Protein Expression in Breast Cancer by Immunohistochemistry: An Interlaboratory Study Assessing the Reproducibility of HER-2/NEU Testing. <i>Breast Cancer Research and Treatment</i> , 2002, 74, 113-120.	2.5	69
24	Regeneration of injured skeletal muscle after the injury. <i>Muscles, Ligaments and Tendons Journal</i> , 2013, 3, 337-45.	0.3	68
25	Molecular Changes in the Vasculature of Injured Tissues. <i>American Journal of Pathology</i> , 2007, 171, 702-711.	3.8	65
26	Neovascularisation in tendinopathy: from eradication to stabilisation?. <i>British Journal of Sports Medicine</i> , 2020, 54, 1-2.	6.7	58
27	Restoration of myofiber continuity after transection injury in the rat soleus. <i>Neuromuscular Disorders</i> , 2004, 14, 421-428.	0.6	56
28	Simultaneous Amplification of HER-2 (ERBB2) and Topoisomerase II $\alpha$ (TOP2A) Genes - Molecular Basis for Combination Chemotherapy in Cancer. <i>Current Cancer Drug Targets</i> , 2006, 6, 579-602.	1.6	54
29	Peptide-Directed Highly Selective Targeting of Pulmonary Arterial Hypertension. <i>American Journal of Pathology</i> , 2011, 178, 2489-2495.	3.8	50
30	A Novel Vascular Homing Peptide Strategy to Selectively Enhance Pulmonary Drug Efficacy in Pulmonary Arterial Hypertension. <i>American Journal of Pathology</i> , 2014, 184, 369-375.	3.8	46
31	Generation of a multi-functional, target organ-specific, anti-fibrotic molecule by molecular engineering of the extracellular matrix protein, decorin. <i>British Journal of Pharmacology</i> , 2019, 176, 16-25.	5.4	39
32	Targeted Antiscarring Therapy for Tissue Injuries. <i>Advances in Wound Care</i> , 2013, 2, 50-54.	5.1	34
33	Paratendinopathy. <i>Foot and Ankle Clinics</i> , 2005, 10, 279-292.	1.3	33
34	Exploration of Oxygen-Induced Retinopathy Model to Discover New Therapeutic Drug Targets in Retinopathies. <i>Frontiers in Pharmacology</i> , 2020, 11, 873.	3.5	30
35	Lack of R-Ras Leads to Increased Vascular Permeability in Ischemic Retinopathy. , 2016, 57, 4898.		29
36	Role of carbonic anhydrases in skin wound healing. <i>Experimental and Molecular Medicine</i> , 2017, 49, e334-e334.	7.7	29

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37	A Histoarchitectural Approach to Skeletal Muscle Injury: Searching for a Common Nomenclature. <i>Orthopaedic Journal of Sports Medicine</i> , 2020, 8, 232596712090909.	1.7	29
38	Deep Vascular Imaging in Wounds by Two-Photon Fluorescence Microscopy. <i>PLoS ONE</i> , 2013, 8, e67559.	2.5	26
39	Postinjury Exercise and Platelet-Rich Plasma Therapies Improve Skeletal Muscle Healing in Rats But Are Not Synergistic When Combined. <i>American Journal of Sports Medicine</i> , 2017, 45, 2131-2141.	4.2	26
40	Fragile External Phenotype of Modern Human Proximal Femur in Comparison with Medieval Bone. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 537-543.	2.8	20
41	SWATH-MS Proteomic Analysis of Oxygen-Induced Retinopathy Reveals Novel Potential Therapeutic Targets. , 2018, 59, 3294.		20
42	Pathological Angiogenesis Requires Syndecan-4 for Efficient VEGFA-Induced VE-Cadherin Internalization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1374-1389.	2.4	20
43	HER-2 / neu and Topoisomerase II&#945; - Simultaneous Drug Targets in Cancer. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2003, 6, 455-470.	1.1	20
44	Recombinant Decorin Fusion Protein Attenuates Murine Abdominal Aortic Aneurysm Formation and Rupture. <i>Scientific Reports</i> , 2017, 7, 15857.	3.3	19
45	Resistance of R-Ras knockout mice to skin tumour induction. <i>Scientific Reports</i> , 2015, 5, 11663.	3.3	17
46	Exposed CendR Domain in Homing Peptide Yields Skin-Targeted Therapeutic in Epidermolysis Bullosa. <i>Molecular Therapy</i> , 2020, 28, 1833-1845.	8.2	17
47	Design of Target-Seeking Antifibrotic Compounds. <i>Methods in Enzymology</i> , 2012, 509, 243-261.	1.0	16
48	NUMBER AND MORPHOLOGY OF MECHANORECEPTORS IN THE MYOTENDINOUS JUNCTION OF PARALYSED HUMAN MUSCLE. , 1996, 178, 195-200.		15
49	Systemically Administered, Target-Specific Therapeutic Recombinant Proteins and Nanoparticles for Regenerative Medicine. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 1273-1282.	5.2	15
50	Endogenous nitric oxide and prostaglandin E2 do not regulate the synthesis of each other in interleukin-1 $\beta$ -stimulated rat articular cartilage. <i>Inflammation</i> , 1996, 20, 683-692.	3.8	14
51	Effects of HER-2/neu on chemosensitivity of tumor cells. <i>Drug Resistance Updates</i> , 2000, 3, 319-324.	14.4	14
52	T-cell-expressed proprotein convertase FURIN inhibits DMBA/TPA-induced skin cancer development. <i>Oncolmmunology</i> , 2016, 5, e1245266.	4.6	14
53	Furin deficiency in myeloid cells leads to attenuated revascularization in a mouse-model of oxygen-induced retinopathy. <i>Experimental Eye Research</i> , 2018, 166, 160-167.	2.6	14
54	Systemically Administered, Target Organ-Specific Therapies for Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2015, 16, 23556-23571.	4.1	13

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55	Systemically Administered, Target-Specific, Multi-Functional Therapeutic Recombinant Proteins in Regenerative Medicine. <i>Nanomaterials</i> , 2020, 10, 226.	4.1	13
56	Systemically Administered Homing Peptide Targets Dystrophic Lesions and Delivers Transforming Growth Factor- $\beta$ (TGF $\beta$ ) Inhibitor to Attenuate Murine Muscular Dystrophy Pathology. <i>Pharmaceutics</i> , 2021, 13, 1506.	4.5	10
57	PREDICTORS OF BIOLOGICAL AGGRESSIVENESS OF PROSTATE SPECIFIC ANTIGEN SCREENING DETECTED PROSTATE CANCER. <i>Journal of Urology</i> , 2001, 165, 1569-1574.	0.4	9
58	Dual drug delivery collagen vehicles for modulation of skin fibrosis in vitro. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 025017.	3.3	9
59	Chemical-Induced Skin Carcinogenesis Model Using Dimethylbenz[a]Anthracene and 12-O-Tetradecanoyl Phorbol-13-Acetate (DMBA-TPA). <i>Journal of Visualized Experiments</i> , 2019, . .	0.3	8
60	Ras regulates vascular permeability, but not overall healing in skin wounds. <i>Experimental Dermatology</i> , 2019, 28, 202-206.	2.9	8
61	Return to Play Prediction Accuracy of the MLG-R Classification System for Hamstring Injuries in Football Players: A Machine Learning Approach. <i>Sports Medicine</i> , 2022, 52, 2271-2282.	6.5	8
62	Skeletal Muscle Repair After Exercise-Induced Injury. , 2008, , 217-242.		7
63	Histopathology and immunohistochemical analysis of 5-fluorouracil and triamcinolone treated keloids in double-blind randomized controlled trial. <i>Wound Repair and Regeneration</i> , 2020, 28, 385-399.	3.0	7
64	Muscle Precursor Cells Enhance Functional Muscle Recovery and Show Synergistic Effects With Postinjury Treadmill Exercise in a Muscle Injury Model in Rats. <i>American Journal of Sports Medicine</i> , 2021, 49, 1073-1085.	4.2	7
65	Adapting the Scar-in-a-Jar to Skin Fibrosis and Screening Traditional and Contemporary Anti-Fibrotic Therapies. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 756399.	4.1	6
66	Selective Targeting and Tissue Penetration to the Retina by a Systemically Administered Vascular Homing Peptide in Oxygen Induced Retinopathy (OIR). <i>Pharmaceutics</i> , 2021, 13, 1932.	4.5	6
67	Characterization of topoisomerase II gene amplification and deletion in breast cancer. <i>Genes Chromosomes and Cancer</i> , 1999, 26, 142-150.	2.8	5
68	Oxygen-Induced Retinopathy Model for Ischemic Retinal Diseases in Rodents. <i>Journal of Visualized Experiments</i> , 2020, . .	0.3	5
69	Ras deficiency does not affect papain-induced IgE production in mice. <i>Immunity, Inflammation and Disease</i> , 2017, 5, 280-288.	2.7	3
70	Carbonic Anhydrase VI in Skin Wound Healing Study on Car6 Knockout Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5092.	4.1	3
71	IL-13 Suppresses Tumor Progression in Two-Stage Skin Carcinogenesis Model by Regulating Regulatory T Cells. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1565-1575.e17.	0.7	3
72	IAMP tackles a void in medical education: leadership. <i>Lancet, The</i> , 2012, 379, e25.	13.7	1

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73	Basic Muscle Physiology in Relation to Hamstring Injury and Repair. , 2020, , 31-63.		1
74	Probing Vasculature by In Vivo Phage Display for Target Organ-Specific Delivery in Regenerative Medicine. Reference Series in Biomedical Engineering, 2021, , 179-204.	0.1	0
75	Probing Vasculature by In Vivo Phage Display for Target Organ-Specific Delivery in Regenerative Medicine. , 2020, , 1-26.		0