

Stefan Milz

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

167
papers

6,847
citations

42
h-index

76
g-index

192
ext. papers

7,682
ext. citations

3.8
avg. IF

5.42
L-index

#	Paper	IF	Citations
167	Functional outcomes before and after implant removal in patients with posttraumatic shoulder stiffness and healed proximal humerus fractures: does implant material (PEEK vs. titanium) have an impact? - a pilot study.. <i>BMC Musculoskeletal Disorders</i> , 2022 , 23, 95	2.8	
166	Intranuclear cell uptake and toxicity of titanium dioxide and zirconia particles as well as bacterial adhesion on dental titanium- and zirconia-implants.. <i>Dental Materials</i> , 2022 ,	5.7	1
165	Immunohistochemical Detection of Various Proteoglycans in the Extracellular Matrix of Zebra Mussels. <i>Fishes</i> , 2022 , 7, 74	2.5	0
164	Disrupted biomineralization in zebra mussels after exposure to bisphenol-A: Potential implications for molar-incisor hypomineralization.. <i>Dental Materials</i> , 2022 ,	5.7	1
163	Multiscale X-ray phase contrast imaging of human cartilage for investigating osteoarthritis formation. <i>Journal of Biomedical Science</i> , 2021 , 28, 42	13.3	5
162	Local and systemic inflammation after implantation of a novel iron based porous degradable bone replacement material in sheep model. <i>Scientific Reports</i> , 2021 , 11, 12035	4.9	0
161	Cortical parameters predict bone strength at the tibial diaphysis, but are underestimated by HR-pQCT and μ CT compared to histomorphometry. <i>Journal of Anatomy</i> , 2021 , 238, 669-678	2.9	3
160	Exposure of zebra mussels to radial extracorporeal shock waves: implications for treatment of fracture nonunions. <i>Journal of Orthopaedic Surgery and Research</i> , 2021 , 16, 707	2.8	1
159	Development of a novel biodegradable porous iron-based implant for bone replacement. <i>Scientific Reports</i> , 2020 , 10, 9141	4.9	30
158	COVID-19 and anatomy: Stimulus and initial response. <i>Journal of Anatomy</i> , 2020 , 237, 393-403	2.9	27
157	Titanium and zirconium release from titanium- and zirconia implants in mini pig maxillae and their toxicity in vitro. <i>Dental Materials</i> , 2020 , 36, 402-412	5.7	22
156	Assessing turbine passage effects on internal fish injury and delayed mortality using X-ray imaging. <i>PeerJ</i> , 2020 , 8, e9977	3.1	9
155	New Insights into Osteointegration and Delamination from a Multidisciplinary Investigation of a Failed Hydroxyapatite-Coated Hip Joint Replacement. <i>Materials</i> , 2020 , 13,	3.5	1
154	Radial extracorporeal shock wave therapy in flexor tendon pathology of the hand: A feasibility study. <i>Technology and Health Care</i> , 2020 , 28, 77-83	1.1	2
153	Effects of focal metallic implants on opposing cartilage - an in-vitro study with an abrasion test machine. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 261	2.8	1
152	How the Ends of Bones Evolve and What They Do: The Anatomical and Biomechanical Perspective. <i>Seminars in Musculoskeletal Radiology</i> , 2019 , 23, 467-476	1.8	
151	Autologous endothelialized vein allografts in coronary artery bypass surgery - Long term results. <i>Biomaterials</i> , 2019 , 212, 87-97	15.6	12

150	Influence of Sutures on Cartilage Integrity: Do Meniscus Sutures Harm Cartilage? An Experimental Animal Study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019 , 35, 1509-1516	5.4	6
149	Chemically Modified Messenger RNA: Modified RNA Application for Treatment of Achilles Tendon Defects. <i>Tissue Engineering - Part A</i> , 2019 , 25, 113-120	3.9	5
148	Bone response to functionally loaded, two-piece zirconia implants: A preclinical histometric study. <i>Clinical Oral Implants Research</i> , 2018 , 29, 277-289	4.8	21
147	Exposure of zebra mussels to extracorporeal shock waves demonstrates formation of new mineralized tissue inside and outside the focus zone. <i>Biology Open</i> , 2018 , 7,	2.2	3
146	Distribution of magnetic remanence carriers in the human brain. <i>Scientific Reports</i> , 2018 , 8, 11363	4.9	23
145	In Vitro Comparison of 2D-Cell Culture and 3D-Cell Sheets of Scleraxis-Programmed Bone Marrow Derived Mesenchymal Stem Cells to Primary Tendon Stem/Progenitor Cells for Tendon Repair. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	14
144	Next-generation teaching of microscopic anatomy based on a comprehensive collection of high-resolution, three-dimensional (3D), focusable histologic virtual slides. <i>FASEB Journal</i> , 2018 , 32, 1b512 ⁹	12.9	
143	Dimensions of hard and soft tissue around adjacent, compared with single-tooth, zirconia implants. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2018 , 56, 43-47	1.4	10
142	Successful bony integration of a porous tantalum implant despite longlasting and ongoing infection: Histologic workup of an explanted shoulder prosthesis. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018 , 106, 2924-2931	3.5	3
141	Retrospective analysis of corrosion and ion release from retrieved cast stainless steel tibia plateau leveling osteotomy plates in dogs with and without peri-implant osteosarcoma. <i>American Journal of Veterinary Research</i> , 2018 , 79, 970-979	1.1	2
140	Peri-implant Crestal Bone Changes Around Zirconia Implants in Periodontally Healthy and Compromised Patients. <i>International Journal of Oral and Maxillofacial Implants</i> , 2018 , 33, 217-222	2.8	5
139	Papilla and alveolar crest levels in immediate versus delayed single-tooth zirconia implants. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2017 , 46, 1039-1044	2.9	10
138	Transient Bone Marrow Edema Syndrome versus Osteonecrosis: Perfusion Patterns at Dynamic Contrast-enhanced MR Imaging with High Temporal Resolution Can Allow Differentiation. <i>Radiology</i> , 2017 , 283, 478-485	20.5	18
137	Tenomodulin is Required for Tendon Endurance Running and Collagen I Fibril Adaptation to Mechanical Load. <i>EBioMedicine</i> , 2017 , 20, 240-254	8.8	53
136	Low-carbohydrate, high-fat diets have sex-specific effects on bone health in rats. <i>European Journal of Nutrition</i> , 2016 , 55, 2307-20	5.2	14
135	Stem cells and bFGF in tendon healing: Effects of lentiviral gene transfer and long-term follow-up in a rat Achilles tendon defect model. <i>BMC Musculoskeletal Disorders</i> , 2016 , 17, 148	2.8	33
134	Analysis of titanium and other metals in human jawbones with dental implants - A case series study. <i>Dental Materials</i> , 2016 , 32, 1042-51	5.7	40
133	Evaluation of an injectable thermoresponsive hyaluronan hydrogel in a rabbit osteochondral defect model. <i>Journal of Biomedical Materials Research - Part A</i> , 2016 , 104, 1469-78	5.4	23

132	Evaluation of Hard and Soft Tissue Dimensions Around Zirconium Oxide Implant-Supported Crowns: A 1-Year Retrospective Study. <i>Journal of Periodontology</i> , 2016 , 87, 511-8	4.6	16
131	Translating Periosteum's Regenerative Power: Insights From Quantitative Analysis of Tissue Genesis With a Periosteum Substitute Implant. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 1739-1749	6.9	21
130	Osteointegration of a modular metal-polyethylene surface gliding finger implant: a case report. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2016 , 136, 1331-1335	3.6	12
129	Resurfacing of the humeral head: An analysis of the bone stock and osseous integration under the implant. <i>Journal of Orthopaedic Research</i> , 2015 , 33, 1382-90	3.8	15
128	Intracellular uptake and toxicity of three different Titanium particles. <i>Dental Materials</i> , 2015 , 31, 734-44	5.7	24
127	The molecular composition of the extracellular matrix of the human iliolumbar ligament. <i>Spine Journal</i> , 2015 , 15, 1325-31	4	2
126	Histomorphometric Assessment of Cancellous and Cortical Bone Material Distribution in the Proximal Humerus of Normal and Osteoporotic Individuals: Significantly Reduced Bone Stock in the Metaphyseal and Subcapital Regions of Osteoporotic Individuals. <i>Medicine (United States)</i> , 2015 , 94, e2043	1.8	16
125	Radial extracorporeal shock wave treatment harms developing chicken embryos. <i>Scientific Reports</i> , 2015 , 5, 8281	4.9	7
124	Importance of a distal centralizer in experimental malpositioning of cemented stems. A biomechanical study on human femora. <i>Archives of Medical Science</i> , 2015 , 11, 1324-9	2.9	6
123	Radial Shock Wave Devices Generate Cavitation. <i>PLoS ONE</i> , 2015 , 10, e0140541	3.7	37
122	Efficacy and safety of extracorporeal shock wave therapy for orthopedic conditions: a systematic review on studies listed in the PEDro database. <i>British Medical Bulletin</i> , 2015 , 116, 115-38	5.4	101
121	The linea aspera: a virtual case study testing emergence of form and function. <i>Anatomical Record</i> , 2014 , 297, 273-80	2.1	5
120	The direct anterior approach to the thoracolumbar junction: an anatomical feasibility study. <i>European Spine Journal</i> , 2014 , 23, 2265-71	2.7	3
119	Straight proximal humeral nails are surrounded by more bone stock in comparison to bent nails in an experimental cadaveric study. <i>Patient Safety in Surgery</i> , 2014 , 8, 18	3	10
118	Stem cells and basic fibroblast growth factor failed to improve tendon healing: an in vivo study using lentiviral gene transfer in a rat model. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014 , 96, 761-9	5.6	25
117	Cerebellar granule cells are generated postnatally in humans. <i>Brain Structure and Function</i> , 2014 , 219, 1271-86	4	18
116	Visualisation of methacrylate-embedded human bone sections by infrared nanoscopy. <i>Journal of Biophotonics</i> , 2014 , 7, 418-24	3.1	6
115	Periosteal thickness and cellularity in mid-diaphyseal cross-sections from human femora and tibiae of aged donors. <i>Journal of Anatomy</i> , 2014 , 224, 142-9	2.9	42

114	Influence of osteogenic stimulation and VEGF treatment on in vivo bone formation in hMSC-seeded cancellous bone scaffolds. <i>BMC Musculoskeletal Disorders</i> , 2014 , 15, 350	2.8	8
113	No changes in cerebellar microvessel length density in sudden infant death syndrome: implications for pathogenetic mechanisms. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014 , 73, 312-23	3.1	4
112	Tissue characteristics in tendon-to-bone healing change after rotator cuff repair using botulinumneurotoxin A for temporary paralysis of the supraspinatus muscle in rats. <i>Connective Tissue Research</i> , 2014 , 55, 140-6	3.3	2
111	Does footprint preparation influence tendon-to-bone healing after rotator cuff repair in an animal model?. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2014 , 30, 188-94	5.4	19
110	Comparison of imaging methods used for dental implant osseous integration assessment. <i>Journal of Materials Science: Materials in Medicine</i> , 2013 , 24, 2195-200	4.5	11
109	Poloxamer-based hydrogels hardening at body core temperature as carriers for cell based therapies: in vitro and in vivo analysis. <i>Journal of Materials Science: Materials in Medicine</i> , 2013 , 24, 2223-34	4.5	14
108	X-treme CT analysis of cancellous bone at the rotator cuff insertion in human individuals with osteoporosis: superficial versus deep quality. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2013 , 133, 381-7	3.6	10
107	Biomechanical comparison of menisci from different species and artificial constructs. <i>BMC Musculoskeletal Disorders</i> , 2013 , 14, 324	2.8	40
106	Tenocytes of chronic rotator cuff tendon tears can be stimulated by platelet-released growth factors. <i>Journal of Shoulder and Elbow Surgery</i> , 2013 , 22, 340-9	4.3	52
105	Biomechanical comparison of three types of bone graft for anterior spondylodesis. <i>Technology and Health Care</i> , 2013 , 21, 315-22	1.1	3
104	Intact numbers of cerebellar purkinje and granule cells in sudden infant death syndrome: a stereologic analysis and critical review of neuropathologic evidence. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013 , 72, 861-70	3.1	9
103	Effects of selective paralysis of the supraspinatus muscle using botulinum neurotoxin a in rotator cuff healing in rats. <i>Journal of Orthopaedic Research</i> , 2013 , 31, 716-23	3.8	11
102	Behaviour of ChronOSInject in metaphyseal bone defects of distal radius fractures: tissue reaction after 6-15 months. <i>Injury</i> , 2012 , 43, 1683-8	2.5	7
101	Age and gender as determinants of the bone quality of the greater tuberosity: a HR-pQCT cadaver study. <i>BMC Musculoskeletal Disorders</i> , 2012 , 13, 221	2.8	19
100	Spine function: a concert of many different players. <i>Journal of Anatomy</i> , 2012 , 221, 479	2.9	
99	Fibrocartilage in various regions of the human glenoid labrum. An immunohistochemical study on human cadavers. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012 , 20, 1036-41	5.5	6
98	In vivo performance of zirconia and titanium implants: a histomorphometric study in mini pig maxillae. <i>Clinical Oral Implants Research</i> , 2012 , 23, 281-6	4.8	97
97	Attachment sites of the coracoclavicular ligaments are characterized by fibrocartilage differentiation: a study on human cadaveric tissue. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2012 , 22, 12-7	4.6	6

96	Immunohistochemical composition of the human lunotriquetral interosseous ligament. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2012 , 20, 318-24	1.9	4
95	Multiscale computational and experimental approaches to elucidate bone and ligament mechanobiology using the ulna-radius-interosseous membrane construct as a model system. <i>Technology and Health Care</i> , 2012 , 20, 363-78	1.1	6
94	Risk of graft fracture after dorso-ventral thoraco-lumbar spondylodesis: is there a correlation with graft size?. <i>European Spine Journal</i> , 2011 , 20, 1644-9	2.7	1
93	Varying regional topology within knee articular chondrocytes under simulated in vivo conditions. <i>Tissue Engineering - Part A</i> , 2011 , 17, 451-61	3.9	19
92	Characterization of eight different tetracyclines: advances in fluorescence bone labeling. <i>Journal of Anatomy</i> , 2010 , 217, 76-82	2.9	58
91	Assessment of bone quality within the tuberosities of the osteoporotic humeral head: relevance for anchor positioning in rotator cuff repair. <i>American Journal of Sports Medicine</i> , 2010 , 38, 564-9	6.8	62
90	Tissue engineering of the anterior cruciate ligament-sodium dodecyl sulfate-acellularized and revitalized tendons are inferior to native tendons. <i>Tissue Engineering - Part A</i> , 2010 , 16, 1031-40	3.9	29
89	Xenogenic transplantation of human mesenchymal stem cells in a critical size defect of the sheep tibia for bone regeneration. <i>Tissue Engineering - Part A</i> , 2010 , 16, 33-43	3.9	66
88	Comparison of the immature sheep spine and the growing human spine: a spondylometric database for growth modulating research. <i>Spine</i> , 2010 , 35, E1262-72	3.3	14
87	Variations in gene and protein expression in human nucleus pulposus in comparison with annulus fibrosus and cartilage cells: potential associations with aging and degeneration. <i>Osteoarthritis and Cartilage</i> , 2010 , 18, 416-23	6.2	122
86	Effect of graft size on graft fracture rate after anterior lumbar spinal fusion in a sheep model. <i>Injury</i> , 2010 , 41, 768-71	2.5	8
85	Cartilage regeneration by bone marrow cells-seeded scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 95, 735-40	5.4	15
84	Comparison of mesenchymal stem cells from bone marrow and adipose tissue for bone regeneration in a critical size defect of the sheep tibia and the influence of platelet-rich plasma. <i>Biomaterials</i> , 2010 , 31, 3572-9	15.6	246
83	Physicobiochemical synergism through gene therapy and functional tissue engineering for in vitro chondrogenesis. <i>Tissue Engineering - Part A</i> , 2009 , 15, 2513-24	3.9	25
82	Generation and characterization of a human acellular meniscus scaffold for tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2009 , 91, 567-74	5.4	46
81	A novel implantation technique for engineered osteo-chondral grafts. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009 , 17, 1377-83	5.5	10
80	Osseointegration of zirconia and titanium dental implants: a histological and histomorphometrical study in the maxilla of pigs. <i>Clinical Oral Implants Research</i> , 2009 , 20, 1247-53	4.8	120
79	Matrix-guided cartilage regeneration in chondral defects. <i>Biotechnology and Applied Biochemistry</i> , 2009 , 53, 63-70	2.8	19

78	Influence of head size on the development of metallic wear and on the characteristics of carbon layers in metal-on-metal hip joints. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009 , 80, 283-90	4.3	7
77	Structure-function relationships in tendons: a review. <i>Journal of Anatomy</i> , 2008 , 212, 211-28	2.9	288
76	Long-term reaction to bone cement in osteoporotic bone: new bone formation in vertebral bodies after vertebroplasty. <i>Journal of Anatomy</i> , 2008 , 212, 697-701	2.9	21
75	An immunohistochemical study of the extracellular matrix of entheses associated with the human pisiform bone. <i>Journal of Anatomy</i> , 2008 , 212, 645-53	2.9	13
74	Extracorporeal shockwave application to the distal femur of rabbits diminishes the number of neurons immunoreactive for substance P in dorsal root ganglia L5. <i>Brain Research</i> , 2008 , 1207, 96-101	3.7	70
73	Titin expression in human articular cartilage and cultured chondrocytes: a novel component in articular cartilage biomechanical sensing?. <i>Biomedicine and Pharmacotherapy</i> , 2008 , 62, 339-47	7.5	1
72	Magnetic resonance imaging of entheses. Part 2. <i>Clinical Radiology</i> , 2008 , 63, 704-11	2.9	17
71	Magnetic resonance imaging of entheses. Part 1. <i>Clinical Radiology</i> , 2008 , 63, 691-703	2.9	25
70	Dose-dependent new bone formation by extracorporeal shock wave application on the intact femur of rabbits. <i>European Surgical Research</i> , 2008 , 41, 44-53	1.1	29
69	Detection of bone graft failure in lumbar spondylodesis: spatial resolution with high-resolution peripheral quantitative CT. <i>American Journal of Roentgenology</i> , 2008 , 190, 1255-9	5.4	9
68	The structure of the coracoacromial ligament: fibrocartilage differentiation does not necessarily mean pathology. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2008 , 18, 16-22	4.6	11
67	Effect of surface topography on removal of cortical bone screws in a novel sheep model. <i>Journal of Orthopaedic Research</i> , 2008 , 26, 1377-83	3.8	29
66	Biomechanical and immunohistochemical properties of meniscal cartilage after high hydrostatic pressure treatment. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008 , 87, 19-25	3.5	17
65	An immunohistochemical study of the triangular fibrocartilage complex of the wrist: regional variations in cartilage phenotype. <i>Journal of Anatomy</i> , 2007 , 211, 1-7	2.9	26
64	Tissue engineering of the anterior cruciate ligament: a new method using acellularized tendon allografts and autologous fibroblasts. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2007 , 127, 735-41	3.6	71
63	Morphometric studies of the ligamentum flavum: a correlative microanatomical and MRI study of the lumbar spine. <i>Zentralblatt Fur Neurochirurgie</i> , 2007 , 68, 200-4		14
62	Finds discrepancy between studies on canine tibial plateau leveling osteotomy plates. <i>American Journal of Veterinary Research</i> , 2007 , 68, 1139; author reply 1139-40	1.1	
61	Influence of in vitro cultivation on the integration of cell-matrix constructs after subcutaneous implantation. <i>Tissue Engineering</i> , 2007 , 13, 1059-67		24

60	Fibrin glue in coronary artery bypass grafting operations: casting out the Devil with Beelzebub?. <i>European Journal of Cardio-thoracic Surgery</i> , 2007 , 32, 567-72	3	15
59	Material properties of and tissue reaction to the Slocum TPLO plate. <i>American Journal of Veterinary Research</i> , 2006 , 67, 1258-65	1.1	24
58	Repair of osteochondral defects in the knee by resorbable bioimplants in a rabbit model. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2006 , 77, 981-5	4.3	8
57	Where tendons and ligaments meet bone: attachment sites (Pentheses†) in relation to exercise and/or mechanical load. <i>Journal of Anatomy</i> , 2006 , 208, 471-90	2.9	546
56	Expression of extracellular matrix molecules typical of articular cartilage in the human scapholunate interosseous ligament. <i>Journal of Anatomy</i> , 2006 , 208, 671-9	2.9	16
55	Detailed pathological changes of human lumbar facet joints L1-L5 in elderly individuals. <i>European Spine Journal</i> , 2006 , 15, 308-15	2.7	58
54	An immunohistochemical study of the tissue bridging adult spondylolytic defects--the presence and significance of fibrocartilaginous entheses. <i>European Spine Journal</i> , 2006 , 15, 965-71	2.7	10
53	Biomechanical and immunohistochemical analysis of high hydrostatic pressure-treated Achilles tendons. <i>Journal of Orthopaedic Science</i> , 2006 , 11, 380-5	1.6	18
52	Inhibition of neointima formation by a novel drug-eluting stent system that allows for dose-adjustable, multiple, and on-site stent coating. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 748-53	9.4	117
51	Polychrome labeling of bone with seven different fluorochromes: enhancing fluorochrome discrimination by spectral image analysis. <i>Bone</i> , 2005 , 37, 441-5	4.7	97
50	An immunohistochemical study of the extracellular matrix of the tarsal plate in the upper eyelid in human beings. <i>Journal of Anatomy</i> , 2005 , 206, 37-45	2.9	41
49	In vivo animal trials with a scanning CO2 laser osteotome. <i>Lasers in Surgery and Medicine</i> , 2005 , 37, 144-83.6	3.6	34
48	Biocompatibility of ceramic scaffolds for bone replacement made by 3D printing. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2005 , 36, 781-787	0.9	44
47	Hydroxyapatite scaffolds for bone tissue engineering made by 3D printing. <i>Journal of Materials Science: Materials in Medicine</i> , 2005 , 16, 1121-4	4.5	350
46	Local statin therapy differentially interferes with smooth muscle and endothelial cell proliferation and reduces neointima on a drug-eluting stent platform. <i>Cardiovascular Research</i> , 2005 , 68, 483-92	9.9	45
45	PEGylation does not impair insulin efficacy in three-dimensional cartilage culture: an investigation toward biomimetic polymers. <i>Tissue Engineering</i> , 2004 , 10, 429-40		16
44	Effects of transforming growth factor beta1 on bonelike tissue formation in three-dimensional cell culture. II: Osteoblastic differentiation. <i>Tissue Engineering</i> , 2004 , 10, 1414-25		47
43	Molecular composition and pathology of entheses on the medial and lateral epicondyles of the humerus: a structural basis for epicondylitis. <i>Annals of the Rheumatic Diseases</i> , 2004 , 63, 1015-21	2.4	48

42	Local cyclin-dependent kinase inhibition by flavopiridol inhibits coronary artery smooth muscle cell proliferation and migration: Implications for the applicability on drug-eluting stents to prevent neointima formation following vascular injury. <i>FASEB Journal</i> , 2004 , 18, 1285-7	0.9	23
41	Dual role of CCR2 during initiation and progression of collagen-induced arthritis: evidence for regulatory activity of CCR2+ T cells. <i>Journal of Immunology</i> , 2004 , 172, 890-8	5.3	155
40	Adipose tissue at entheses: the rheumatological implications of its distribution. A potential site of pain and stress dissipation?. <i>Annals of the Rheumatic Diseases</i> , 2004 , 63, 1549-55	2.4	51
39	The use of four-colour immunofluorescence techniques to identify mesenchymal stem cells. <i>Journal of Anatomy</i> , 2004 , 204, 133-9	2.9	35
38	Effects of transforming growth factor beta1 on bonelike tissue formation in three-dimensional cell culture. I. Culture conditions and tissue formation. <i>Tissue Engineering</i> , 2004 , 10, 1399-413		25
37	Detection of Micro- to Nano-Sized Particles in Soft Tissue. <i>Lecture Notes in Computer Science</i> , 2004 , 1093-1094		
36	Characterization of osteosarcoma cell lines MG-63, Saos-2 and U-2 OS in comparison to human osteoblasts. <i>Anticancer Research</i> , 2004 , 24, 3743-8	2.3	255
35	Immunohistochemical analysis of the extracellular matrix in the posterior capsule of the zygapophysial joints in patients with degenerative L4-5 motion segment instability. <i>Journal of Neurosurgery: Spine</i> , 2003 , 99, 27-33	2.8	16
34	Substance P and Prostaglandin E2 Release After Shock Wave Application to the Rabbit Femur. <i>Clinical Orthopaedics and Related Research</i> , 2003 , 406, 237-245	2.2	86
33	Substance P and prostaglandin E2 release after shock wave application to the rabbit femur. <i>Clinical Orthopaedics and Related Research</i> , 2003 , 237-45	2.2	30
32	Expression of a wide range of fibrocartilage molecules at the entheses of the alar ligaments - possible antigenic targets for rheumatoid arthritis?. <i>Journal of Rheumatology</i> , 2003 , 30, 1420-5	4.1	16
31	The skeletal attachment of tendons--tendon "entheses". <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2002 , 133, 931-45	2.6	387
30	Local photodynamic therapy reduces tissue hyperplasia after stenting in an experimental restenosis model. <i>Basic Research in Cardiology</i> , 2002 , 97, 132-6	11.8	6
29	Dose-related effects of extracorporeal shock waves on rabbit quadriceps tendon integrity. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2002 , 122, 436-41	3.6	27
28	Three-dimensional reconstructions of the Achilles tendon insertion in man. <i>Journal of Anatomy</i> , 2002 , 200, 145-52	2.9	90
27	The functional anatomy of the human anterior talofibular ligament in relation to ankle sprains. <i>Journal of Anatomy</i> , 2002 , 200, 457-65	2.9	93
26	Mesenchymal stem cells. <i>Bulletin of Experimental Biology and Medicine</i> , 2002 , 133, 103-9	0.8	25
25	Effects of hedgehog proteins on tissue engineering of cartilage in vitro. <i>Tissue Engineering</i> , 2002 , 8, 561-72		17

24	Influence of extracorporeal shock-wave application on normal bone in an animal model in vivo. Scintigraphy, MRI and histopathology. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2002 , 84, 592-9		33
23	Expression of a wide range of extracellular matrix molecules in the tendon and trochlea of the human superior oblique muscle. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 1330-4		9
22	Impaired tensile strength after shock-wave application in an animal model of tendon calcification. <i>Ultrasound in Medicine and Biology</i> , 2001 , 27, 665-71	3.5	16
21	Fibrocartilage in the transverse ligament of the human acetabulum. <i>Journal of Anatomy</i> , 2001 , 198, 223-8.9		20
20	Fibrocartilage at the entheses of the suprascapular (superior transverse scapular) ligament of man--a ligament spanning two regions of a single bone. <i>Journal of Anatomy</i> , 2001 , 199, 539-45	2.9	24
19	Autologous Endothelialized Vein Allograft. <i>Circulation</i> , 2001 , 104, I-108-I-114	16.7	55
18	Cervical spine: postmortem assessment of accident injuries--comparison of radiographic, MR imaging, anatomic, and pathologic findings. <i>Radiology</i> , 2001 , 221, 340-6	20.5	69
17	Fibrocartilage in the transverse ligament of the human atlas. <i>Spine</i> , 2001 , 26, 1765-71	3.3	35
16	Autologous Endothelialized Vein Allograft. <i>Circulation</i> , 2001 , 104,	16.7	1
15	Fibrocartilage in the extensor tendons of the human metacarpophalangeal joints. <i>The Anatomical Record</i> , 1999 , 256, 139-45		37
14	Fibrocartilages in the extensor tendons of the interphalangeal joints of human toes. <i>The Anatomical Record</i> , 1998 , 252, 264-70		43
13	Thickness of the subchondral mineralised tissue zone (SMZ) in normal male and female and pathological human patellae. <i>Journal of Anatomy</i> , 1998 , 192 (Pt 1), 81-90	2.9	28
12	The distribution of cartilage thickness within the joints of the lower limb of elderly individuals. <i>Journal of Anatomy</i> , 1998 , 193 (Pt 2), 203-14	2.9	98
11	The distribution of cartilage thickness in the knee-joints of old-aged individuals -- measurement by A-mode ultrasound. <i>Clinical Biomechanics</i> , 1998 , 13, 1-10	2.2	85
10	Lateral ankle ligaments and tibiofibular syndesmosis. 13-MHz high-frequency sonography and MRI compared in 20 patients. <i>Acta Orthopaedica</i> , 1998 , 69, 51-5		82
9	Thickness distribution of the subchondral mineralization zone of the trochlear notch and its correlation with the cartilage thickness: an expression of functional adaptation to mechanical stress acting on the humeroulnar joint?. <i>The Anatomical Record</i> , 1997 , 248, 189-97		25
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7	Magnetic resonance chondro-crassometry (MR CCM): a method for accurate determination of articular cartilage thickness?. <i>Magnetic Resonance in Medicine</i> , 1996 , 35, 89-96	4.4	51

6	Determination of knee joint cartilage thickness using three-dimensional magnetic resonance chondro-crassometry (3D MR-CCM). <i>Magnetic Resonance in Medicine</i> , 1996 , 36, 256-65	4.4	137
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