

Tomoyuki Nakasa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5395212/publications.pdf>

Version: 2024-02-01

65
papers

1,162
citations

430874

18
h-index

414414

32
g-index

66
all docs

66
docs citations

66
times ranked

1435
citing authors

#	ARTICLE	IF	CITATIONS
1	The inhibitory effect of microRNA-146a expression on bone destruction in collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , 2011, 63, 1582-1590.	6.7	229
2	Overexpression of microRNA-223 in rheumatoid arthritis synovium controls osteoclast differentiation. <i>Modern Rheumatology</i> , 2013, 23, 674-685.	1.8	107
3	Changes in microRNA expression in peripheral mononuclear cells according to the progression of osteoarthritis. <i>Modern Rheumatology</i> , 2012, 22, 446-457.	1.8	61
4	A mini-review: microRNA in arthritis. <i>Physiological Genomics</i> , 2011, 43, 566-570.	2.3	49
5	The deficit of joint position sense in the chronic unstable ankle as measured by inversion angle replication error. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2008, 128, 445-449.	2.4	46
6	MicroRNAs and Bone Regeneration. <i>Current Genomics</i> , 2015, 16, 441-452.	1.6	40
7	Combination therapy with intra-articular injection of mesenchymal stem cells and articulated joint distraction for repair of a chronic osteochondral defect in the rabbit. <i>Journal of Orthopaedic Research</i> , 2015, 33, 1466-1473.	2.3	36
8	Histological scoring system for subchondral bone changes in murine models of joint aging and osteoarthritis. <i>Scientific Reports</i> , 2020, 10, 10077.	3.3	34
9	Prefabrication of vascularized bone graft using a combination of fibroblast growth factor-2 and vascular bundle implantation into a novel interconnected porous calcium hydroxyapatite ceramic. <i>Journal of Biomedical Materials Research - Part A</i> , 2005, 75A, 350-355.	4.0	32
10	Correlation Between Subchondral Bone Plate Thickness and Cartilage Degeneration in Osteoarthritis of the Ankle. <i>Foot and Ankle International</i> , 2014, 35, 1341-1349.	2.3	29
11	Increase in medial meniscal extrusion in the weight-bearing position observed on ultrasonography correlates with lateral thrust in early-stage knee osteoarthritis. <i>Journal of Orthopaedic Science</i> , 2020, 25, 640-646.	1.1	28
12	Added Value of Preoperative Computed Tomography for Determining Cartilage Degeneration in Patients With Osteochondral Lesions of the Talar Dome. <i>American Journal of Sports Medicine</i> , 2018, 46, 208-216.	4.2	26
13	Attenuation of cartilage degeneration by calcitonin gene-related peptide receptor antagonist via inhibition of subchondral bone sclerosis in osteoarthritis mice. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1177-1184.	2.3	25
14	Painful os intermetatarsale in athletes: report of four cases and review of the literature. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2007, 127, 261-264.	2.4	24
15	Histological Evaluation of Early-Phase Changes in the Osteochondral Unit After Microfracture in a Full-Thickness Cartilage Defect Rat Model. <i>American Journal of Sports Medicine</i> , 2018, 46, 3032-3039.	4.2	23
16	The Benefit of Minced Cartilage Over Isolated Chondrocytes in Atelocollagen Gel on Chondrocyte Proliferation and Migration. <i>Cartilage</i> , 2021, 12, 93-101.	2.7	23
17	Clinical Results of Bioabsorbable Pin Fixation Relative to the Bone Condition for Osteochondral Lesion of the Talus. <i>Foot and Ankle International</i> , 2019, 40, 1388-1396.	2.3	21
18	Evaluation of Anterior Talofibular Ligament Lesion Using 3-Dimensional Computed Tomography. <i>Journal of Computer Assisted Tomography</i> , 2006, 30, 543-547.	0.9	19

#	ARTICLE	IF	CITATIONS
19	Relationship Between Bone Marrow Lesions on MRI and Cartilage Degeneration in Osteochondral Lesions of the Talar Dome. <i>Foot and Ankle International</i> , 2018, 39, 908-915.	2.3	19
20	Retrograde Drilling for Osteochondral Lesion of the Talus in Juvenile Patients. <i>Foot & Ankle Orthopaedics</i> , 2020, 5, 247301142091613.	0.2	17
21	Comparison of fibrin clots derived from peripheral blood and bone marrow. <i>Connective Tissue Research</i> , 2017, 58, 208-214.	2.3	16
22	MRI Tracking of the Effect of Bioabsorbable Pins on Bone Marrow Edema After Fixation of the Osteochondral Fragment in the Talus. <i>Foot and Ankle International</i> , 2019, 40, 323-329.	2.3	16
23	Repair of an Osteochondral Defect With Minced Cartilage Embedded in Atelocollagen Gel: A Rabbit Model. <i>American Journal of Sports Medicine</i> , 2019, 47, 2216-2224.	4.2	15
24	Role of Mesenchymal Stem Cells Densities When Injected as Suspension in Joints with Osteochondral Defects. <i>Cartilage</i> , 2019, 10, 61-69.	2.7	15
25	Bone Mineralization Changes in the Subchondral Bone of the Medial Gutter in Chronic Lateral Ankle Instability. <i>Foot and Ankle International</i> , 2020, 41, 1419-1426.	2.3	15
26	Role of vasoactive intestinal peptide in the progression of osteoarthritis through bone sclerosis and angiogenesis in subchondral bone. <i>Journal of Orthopaedic Science</i> , 2020, 25, 897-906.	1.1	13
27	Distraction Arthroplasty With Arthroscopic Microfracture in a Patient With Rheumatoid Arthritis of the Ankle Joint. <i>Journal of Foot and Ankle Surgery</i> , 2015, 54, 280-284.	1.0	11
28	Unique Anatomic Feature of the Posterior Cruciate Ligament in Knees Associated With Osteochondritis Dissecans. <i>Orthopaedic Journal of Sports Medicine</i> , 2016, 4, 232596711664813.	1.7	11
29	Feasibility of prefabricated vascularized bone graft using the combination of FGF-2 and vascular bundle implantation within hydroxyapatite for osteointegration. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 85A, 1090-1095.	4.0	10
30	Safe angles of ATFL and CFL anchor insertion into anatomical attachment of fibula in a lateral ankle ligament repair. <i>Journal of Orthopaedic Science</i> , 2021, 26, 156-161.	1.1	10
31	Unique patellofemoral alignment in a patient with a symptomatic bipartite patella. <i>Knee</i> , 2016, 23, 127-132.	1.6	9
32	In-vivo imaging of the sentinel vein using the near-infrared vascular imaging system in hallux valgus patients. <i>Journal of Orthopaedic Science</i> , 2017, 22, 1066-1070.	1.1	8
33	Anatomic feature of deltoid ligament attachment in posteromedial osteochondral lesion of talar dome. <i>Journal of Orthopaedic Science</i> , 2018, 23, 377-382.	1.1	8
34	High-stress distribution in the lateral region of the subtalar joint in the patient with chronic lateral ankle instability. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, 142, 1579-1587.	2.4	8
35	MRI appearance of the lateral fibulotalocalcaneal ligament complex injury in the patients with chronic lateral ankle instability. <i>Foot and Ankle Surgery</i> , 2022, 28, 968-974.	1.7	8
36	Long-term Natural Course of the Osteochondral Lesion of the Talus in a Child: A Case Report. <i>Journal of Foot and Ankle Surgery</i> , 2021, 60, 396-398.	1.0	7

#	ARTICLE	IF	CITATIONS
37	Characteristics of Chronic Ankle Instability Requiring Both Anterior Talofibular and Calcaneofibular Ligament Repair. <i>Journal of Foot and Ankle Surgery</i> , 2022, 61, 1028-1033.	1.0	7
38	Autologous bone grafts with MSCs or FGF-2 accelerate bone union in large bone defects. <i>Journal of Orthopaedic Surgery and Research</i> , 2016, 11, 105.	2.3	6
39	Evaluation of Articular Cartilage Injury Using Computed Tomography With Axial Traction in the Ankle Joint. <i>Foot and Ankle International</i> , 2018, 39, 1120-1127.	2.3	6
40	Evaluation of the degenerative pattern of PCL in osteoarthritis patients using UTE-T2 mapping. <i>Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology</i> , 2021, 24, 35-40.	1.0	6
41	The therapeutic capacity of bone marrow MSCâ€derived extracellular vesicles in Achilles tendon healing is passageâ€dependent and indicated by specific glycans. <i>FEBS Letters</i> , 2022, 596, 1047-1058.	2.8	6
42	An association between excessive valgus hindfoot alignment and postural stability during single-leg standing in adolescent athletes. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2022, 14, 64.	1.7	6
43	Evaluation of Joint Position Sense Measured by Inversion Angle Replication Error in Patients with an Osteochondral Lesion of the Talus. <i>Journal of Foot and Ankle Surgery</i> , 2013, 52, 331-334.	1.0	5
44	Application of a peripheral vein illumination device to reduce saphenous structure injury caused by screw insertion during arthroscopic ankle arthrodesis. <i>Journal of Orthopaedic Science</i> , 2019, 24, 697-701.	1.1	5
45	New standardization method of tibial tubercle-posterior cruciate ligament distance according to patient size in patients with patellofemoral instability. <i>Knee</i> , 2020, 27, 695-700.	1.6	5
46	Histopathological and Radiographic Features of Osteolysis After Fixation of Osteochondral Fragments Using Poly-L-Lactic Acid Pins for Osteochondral Lesions of the Talus. <i>American Journal of Sports Medicine</i> , 2021, 49, 1589-1595.	4.2	4
47	Quantitative Analysis of Deltoid Ligament Degradation in Patients With Chronic Ankle Instability Using Computed Tomographic Images. <i>Foot and Ankle International</i> , 2021, 42, 952-958.	2.3	4
48	Therapeutic effect of targeting Substance P on the progression of osteoarthritis. <i>Modern Rheumatology</i> , 2022, 32, 1175-1185.	1.8	4
49	Stepwise decision making for CFL repair in addition to arthroscopic ATFL repair yields good clinical outcomes in chronic lateral ankle instability regardless of the remnant quality. <i>Journal of Orthopaedic Science</i> , 2023, 28, 1087-1092.	1.1	4
50	A Technique for the Reduction of Complications Associated With Anterior Portal Placement During Ankle Arthroscopy Using a Peripheral Vein Illumination Device. <i>Arthroscopy Techniques</i> , 2018, 7, e125-e129.	1.3	3
51	Relationship of T2 Value of High-signal Line on MRI to the Fragment in Osteochondral Lesion of the Talus. <i>Foot and Ankle International</i> , 2020, 41, 698-704.	2.3	3
52	The evaluation of degeneration of posterior cruciate ligament using CT Hounsfield unit in knee osteoarthritis. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 309.	1.9	3
53	Autologous meniscus fragments embedded in atelocollagen gel enhance meniscus repair in a rabbit model. <i>Bone and Joint Research</i> , 2021, 10, 269-276.	3.6	3
54	Differences in joint morphology between the knee and ankle affect the repair of osteochondral defects in a rabbit model. <i>Journal of Orthopaedic Surgery and Research</i> , 2016, 11, 110.	2.3	2

#	ARTICLE	IF	CITATIONS
55	Postoperative Repeat Dislocation of the Posterior Tibial Tendon: A Case Report. <i>Journal of Foot and Ankle Surgery</i> , 2017, 56, 687-691.	1.0	2
56	Quantitative evaluation of the vertical mobility of the first tarsometatarsal joint during stance phase of gait. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
57	Distributional patterns of subchondral bone density and histopathological features of the first tarsometatarsal joint in hallux valgus feet. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, .	1.9	2
58	Characteristic Bone Morphology Change of the Subtalar Joint in Severe Varus Ankle Osteoarthritis. <i>Journal of Foot and Ankle Surgery</i> , 2021, , .	1.0	1
59	The Osteochondral Unit. , 2022, , 83-93.		1
60	The Potential of Bone Debris as a Bioactive Composite for Bone Grafting in Arthroscopic Ankle Arthrodesis. <i>Journal of Foot and Ankle Surgery</i> , 2020, 59, 1234-1238.	1.0	1
61	Evaluation of the intraoperative kinematics during double-bundle anterior cruciate ligament reconstruction using a navigation system. <i>Asia-Pacific Journal of Sports Medicine, Arthroscopy, Rehabilitation and Technology</i> , 2020, 19, 11-16.	1.0	0
62	Arthroscopic triple arthrodesis for the patient with rheumatoid arthritis; a case report. <i>Modern Rheumatology Case Reports</i> , 2021, 5, 29-35.	0.7	0
63	Reconstruction of the Lateral Collateral Ligament Using a Suture Tape Anchor for Iatrogenic Hallux Varus. <i>Case Reports in Orthopedics</i> , 2021, 2021, 1-7.	0.3	0
64	Authorsâ€™™ Reply to Letter to the Editor. <i>Journal of Foot and Ankle Surgery</i> , 2022, 61, 674-675.	1.0	0
65	The role of the oblique medial osteotomy angle during osteochondral fragment fixation in patients with a posteromedial osteochondral lesion of the talus. <i>Journal of Orthopaedic Science</i> , 2022, , .	1.1	0