

Koji Fujita

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

1,679
citations

471371

17
h-index

302012

39
g-index

101
all docs

101
docs citations

101
times ranked

2643
citing authors

#	ARTICLE	IF	CITATIONS
1	Sema3A regulates bone-mass accrual through sensory innervations. <i>Nature</i> , 2013, 497, 490-493.	13.7	329
2	A microRNA regulatory mechanism of osteoblast differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20794-20799.	3.3	273
3	Vitamin E decreases bone mass by stimulating osteoclast fusion. <i>Nature Medicine</i> , 2012, 18, 589-594.	15.2	149
4	Effects of age on bone mRNA levels of sclerostin and other genes relevant to bone metabolism in humans. <i>Bone</i> , 2014, 59, 1-6.	1.4	96
5	Runx1 and Runx2 cooperate during sternal morphogenesis. <i>Development (Cambridge)</i> , 2010, 137, 1159-1167.	1.2	83
6	Effects of Estrogen on Bone mRNA Levels of Sclerostin and Other Genes Relevant to Bone Metabolism in Postmenopausal Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E81-E88.	1.8	69
7	Potential pathogenic mechanism for stress fractures of the bowed femoral shaft in the elderly: Mechanical analysis by the CT-based finite element method. <i>Injury</i> , 2014, 45, 1764-1771.	0.7	64
8	Effects of Age and Estrogen on Skeletal Gene Expression in Humans as Assessed by RNA Sequencing. <i>PLoS ONE</i> , 2015, 10, e0138347.	1.1	62
9	Location of atypical femoral fracture can be determined by tensile stress distribution influenced by femoral bowing and neck-shaft angle: a CT-based nonlinear finite element analysis model for the assessment of femoral shaft loading stress. <i>Injury</i> , 2017, 48, 2736-2743.	0.7	49
10	Deletion of Estrogen Receptor Beta in Osteoprogenitor Cells Increases Trabecular but Not Cortical Bone Mass in Female Mice. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 606-614.	3.1	35
11	Global transcriptional profiling using RNA sequencing and DNA methylation patterns in highly enriched mesenchymal cells from young versus elderly women. <i>Bone</i> , 2015, 76, 49-57.	1.4	34
12	In utero gene therapy rescues microcephaly caused by Pqbp1-hypofunction in neural stem progenitor cells. <i>Molecular Psychiatry</i> , 2015, 20, 459-471.	4.1	31
13	Lower grip strength and dynamic body balance in women with distal radial fractures. <i>Osteoporosis International</i> , 2019, 30, 949-956.	1.3	27
14	Isolation and characterization of human osteoblasts from needle biopsies without in vitro culture. <i>Osteoporosis International</i> , 2014, 25, 887-895.	1.3	26
15	Biological activity is not suppressed in mid-shaft stress fracture of the bowed femoral shaft unlike in atypical atypical subtrochanteric femoral fracture: A proposed theory of atypical femoral fracture subtypes. <i>Bone</i> , 2020, 137, 115453.	1.4	24
16	A new method of measuring the thumb pronation and palmar abduction angles during opposition movement using a three-axis gyroscope. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 288.	0.9	22
17	Potential bone fragility of mid-shaft atypical femoral fracture: Biomechanical analysis by a CT-based nonlinear finite element method. <i>Injury</i> , 2019, 50, 1876-1882.	0.7	22
18	Mutual Enhancement of Differentiation of Osteoblasts and Osteocytes Occurs Through Direct Cell-Cell Contact. <i>Journal of Cellular Biochemistry</i> , 2014, 115, n/a-n/a.	1.2	18

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19	A Tablet-Based App for Carpal Tunnel Syndrome Screening: Diagnostic Case-Control Study. JMIR MHealth and UHealth, 2019, 7, e14172.	1.8	18
20	Measurement of thumb pronation and palmar abduction angles with a small motion sensor: a comparison with Kapandji scores. Journal of Hand Surgery: European Volume, 2019, 44, 728-733.	0.5	14
21	Visualization of electrophysiological activity at the carpal tunnel area using magnetoneurography. Clinical Neurophysiology, 2020, 131, 951-957.	0.7	14
22	Cervical Myelopathy Screening with Machine Learning Algorithm Focusing on Finger Motion Using Noncontact Sensor. Spine, 2022, 47, 163-171.	1.0	12
23	Intramuscular Tendon of the Adductor Pollicis and Underlying Capsule of the Metacarpophalangeal Joint: An Anatomical Study With Possible Implications for the Stener Lesion. Journal of Hand Surgery, 2018, 43, 682.e1-682.e8.	0.7	11
24	A Screening Method Using Anomaly Detection on a Smartphone for Patients With Carpal Tunnel Syndrome: Diagnostic Case-Control Study. JMIR MHealth and UHealth, 2021, 9, e26320.	1.8	11
25	Autotransplantation combined with orthodontic treatment in adult patients. Orthodontic Waves, 2008, 67, 128-134.	0.2	10
26	MRI analysis of carpal tunnel syndrome in hemodialysis patients versus non-hemodialysis patients: a multicenter case-control study. Journal of Orthopaedic Surgery and Research, 2019, 14, 91.	0.9	10
27	Anatomical relationship between the morphology of the styloid process of the ulna and the attachment of the radioulnar ligaments. Journal of Anatomy, 2020, 237, 1032-1039.	0.9	10
28	Gait analysis of patients with distal radius fracture by using a novel laser Timed Up-and-Go system. Gait and Posture, 2020, 80, 223-227.	0.6	10
29	Assessment of grip-motion characteristics in carpal tunnel syndrome patients using a novel finger grip dynamometer system. Journal of Orthopaedic Surgery and Research, 2020, 15, 245.	0.9	7
30	Evaluation of the Existing Electrophysiological Severity Classifications in Carpal Tunnel Syndrome. Journal of Clinical Medicine, 2022, 11, 1685.	1.0	7
31	Development of a Dynamometer to Measure Grip Strength of Each Finger. , 2018, , .		6
32	Successful Reconstruction of a Traumatic Complete Femoral Nerve Rupture with a Sural Nerve Cable Graft. JBJS Case Connector, 2018, 8, e24-e24.	0.1	6
33	Development and User Evaluation of a Smartphone-Based System to Assess Range of Motion of Wrist Joint. Journal of Hand Surgery Global Online, 2020, 2, 339-342.	0.3	6
34	Magnetoneurography as a novel functional imaging technique for the ulnar nerve at the elbow. Clinical Neurophysiology, 2022, 138, 153-162.	0.7	6
35	Development of a Finger Force Distribution Measurement System for Hand Dexterity. , 2018, , .		5
36	Mid-Term Functional Outcome after Volar Locking Plate Fixation of Distal Radius Fractures in Elderly Patients. journal of hand surgery Asian-Pacific volume, The, 2018, 23, 238-242.	0.2	5

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37	Device Development for Detecting Thumb Opposition Impairment Using Carbon Nanotube-Based Strain Sensors. <i>Sensors</i> , 2020, 20, 3998.	2.1	5
38	The Accuracy of a Screening System for Carpal Tunnel Syndrome Using Hand Drawing. <i>Journal of Clinical Medicine</i> , 2021, 10, 4437.	1.0	5
39	Assessment of Pain During Nerve Conduction Studies in Patients With Carpal Tunnel Syndrome. <i>Journal of Hand Surgery Global Online</i> , 2022, 4, 89-92.	0.3	5
40	TongueInput: Input Method by Tongue Gestures Using Optical Sensors Embedded in Mouthpiece. , 2018, , .		4
41	An Application for Wrist Rehabilitation Using Smartphones. , 2019, , .		4
42	High-Accuracy Finger Force Distribution Measurement System with Precision Calibration Function. , 2020, , .		4
43	Release of cervical muscular tension improved severe pruritus in moderate-to-severe atopic dermatitis: A case series. <i>JAAD Case Reports</i> , 2020, 6, 510-513.	0.4	4
44	Self-Perception of the Knee Is Associated with Joint Motion during the Loading Response in Individuals with Knee Osteoarthritis: A Pilot Cross-Sectional Study. <i>Sensors</i> , 2021, 21, 4009.	2.1	4
45	Prognostic impact of six versus eight cycles of standard regimen in patients with diffuse large B-cell lymphoma: propensity score-matching analysis. <i>ESMO Open</i> , 2021, 6, 100210.	2.0	4
46	Analysis of Spastic Gait in Patients With Cervical Myelopathy Using the Timed Up and Go Test With a Laser Range Sensor. <i>Spine</i> , 2021, Publish Ahead of Print, .	1.0	4
47	Assessing carpal tunnel syndrome with magnetoneurography. <i>Clinical Neurophysiology</i> , 2022, 139, 1-8.	0.7	4
48	Grasps under Artificially-limited Thumb's Joint Range of Motion "Posture Analysis with ROM Boundary and Muscle Loads". , 2018, , .		3
49	Rehabilitation support system for patients with carpal tunnel syndrome using smartphone. , 2018, , .		3
50	Self-Reported Walking Difficulty Associated with Stiff-Knee Gait in Japanese Patients with Knee Osteoarthritis: A Preliminary Cross-Sectional Study. <i>Healthcare (Switzerland)</i> , 2021, 9, 1308.	1.0	3
51	DanceDanceThumb: Tablet App for Rehabilitation for Carpal Tunnel Syndrome. <i>Lecture Notes in Computer Science</i> , 2017, , 473-476.	1.0	3
52	Local Suppression Effect of Paclitaxel-Impregnated Hydroxyapatite/Collagen on Breast Cancer Bone Metastasis in a Rat Model. <i>Spine Surgery and Related Research</i> , 2022, 6, 294-302.	0.4	3
53	Comparison of the efficacy of the tension band wiring with eyelet wire versus anatomical locking plate fixation for the treatment of displaced olecranon fractures. <i>Journal of Orthopaedic Surgery</i> , 2021, 29, 230949902110592.	0.4	3
54	Ability of Circulating Human Hematopoietic Lineage Negative Cells to Support Hematopoiesis. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 58-66.	1.2	2

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55	Complications of Intramedullary Fixation for Distal Radius Fractures in Elderly Patients: A Retrospective Analysis Using McKay's Complication Checklist. <i>Journal of Hand Surgery Asian-Pacific Volume</i> , The, 2018, 23, 71-75.	0.2	2
56	Improvement of a Finger Force Distribution Measurement Device employing Adjustable Structure. , 2019, , .		2
57	Self-assessment Application of Flexion and Extension. , 2019, , .		2
58	Marked Changes in Serum Amyloid A Distribution and High-Density Lipoprotein Structure during Acute Inflammation. <i>BioMed Research International</i> , 2021, 2021, 1-8.	0.9	2
59	Estimation of grip strength using monocular camera for home-based hand rehabilitation. <i>SICE Journal of Control Measurement and System Integration</i> , 2021, 14, 1-11.	0.4	2
60	Understanding the susceptibility to lateral condyle fracture by analyzing unaffected Baumann's angle in children with distal humeral fracture. <i>Journal of Orthopaedic Science</i> , 2022, 27, 211-214.	0.5	2
61	Surgical Treatment of 257 Patients with Lumbar Canal Stenosis. <i>Spinal Surgery</i> , 1995, 9, 95-102.	0.0	2
62	SAT0539...TAFRO Syndrome: A Unique Mimicker of Systemic Lupus Erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 855.1-855.	0.5	1
63	Carpal Tunnel Syndrome and Trigger Wrist Caused by Localized Amyloidosis: A Case Report. <i>Journal of Hand Surgery Asian-Pacific Volume</i> , The, 2017, 22, 508-511.	0.2	1
64	Observation of grasping style adaptation due to artificially limited joint range of motion of the thumb. , 2017, , .		1
65	Insufficiency Fracture of the Radial Diaphysis Following a Sauve-Kapandji Procedure for Osteoarthritis of the Distal Radioulnar Joint: A Case Report. <i>Journal of Hand Surgery Asian-Pacific Volume</i> , The, 2018, 23, 270-273.	0.2	1
66	Activation of cancer-related and mitogen-activated protein kinase signaling pathways in human mature osteoblasts isolated from patients with type 2 diabetes. <i>Bone Reports</i> , 2019, 10, 100199.	0.2	1
67	Grasp Synthesis for Digital Hands with Limited Range of Motion in Their Thumb Joints. , 2019, , .		1
68	Detection of cervical myelopathy with Leap Motion Sensor by random forests. , 2020, , .		1
69	Consideration of Factors Related to Positive Loco-Check. <i>Journal of the Japanese Association of Rural Medicine</i> , 2020, 68, 588.	0.0	1
70	Radiation educational program significantly reduces intraoperative fluoroscopy time during locking plate fixation for distal radius fractures. <i>Journal of Orthopaedic Science</i> , 2023, 28, 251-254.	0.5	1
71	Juvenile Thoraco-lumbar Junction Disc Hernia with Apophyseal Ring Fracture. <i>Spinal Surgery</i> , 1995, 9, 162-166.	0.0	0
72	SAT0172...Comparison of Efficacy and Safety of Biologic Agents between Elderly-Onset and Younger-Onset Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 729.2-730.	0.5	0

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73	SAT0339â€¦The Efficacy of The 2015 Eular/acr Recommendations for The Management of Polymyalgia Rheumatica in Japanese Patients. Annals of the Rheumatic Diseases, 2016, 75, 790.1-790.	0.5	0
74	AB0834â€¦Acute Calcium Pyrophosphate Crystal Arthritis as A Cause of Sudden Onset of Fever and Arthritis in Geriatric Patients. Annals of the Rheumatic Diseases, 2016, 75, 1188.3-1188.	0.5	0
75	Lateral Subluxation of the Fifth Carpometacarpal Joint. Journal of Hand and Microsurgery, 2017, 09, 049-050.	0.1	0
76	FRI0313â€¦The efficacy and safety of tocilizumab therapy in patients with polymyalgia rheumatica who were resistant or intolerant to glucocorticoids and additional methotrexate. , 2017, , .		0
77	Elucidation of the mechanism of the promotion of bone fracture healing by mature osteoblast transplantation and its application to development of novel therapeutic methods. Impact, 2019, 2019, 54-56.	0.0	0
78	Locking of the Distal Radioulnar Joint Caused by Dorsal Tear of the Triangular Fibrocartilage Complex. JBJS Case Connector, 2020, 10, e0143-e0143.	0.1	0
79	Coordination of Thumb Pronation and Palmar Abduction During Opposition Movement. Journal of Hand Surgery Global Online, 2021, 3, 160.	0.3	0
80	AB0646â€¦Identification of risk factors for recurrence in polymyalgia rheumatica. , 2018, , .		0
81	Surgical Repair of Dorsal Capsulo-Ligamentous Complex for Dislocation of the Thumb Carpometacarpal Joint. Open Journal of Orthopedics, 2019, 09, 145-151.	0.0	0
82	A Thumb Tip Wearable Device Consisting of Multiple Cameras to Measure Thumb Posture. Lecture Notes in Computer Science, 2019, , 31-38.	1.0	0
83	A Training System for Swallowing Ability by Visualizing the Throat Position. Lecture Notes in Computer Science, 2019, , 501-511.	1.0	0
84	Gait Analysis Of Patients With Distal Radius Fracture Using A Novel Laser-tug System. Medicine and Science in Sports and Exercise, 2019, 51, 703-703.	0.2	0
85	Detection of walking features by using IMU attached cane. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2020, 2020, 2A1-I02.	0.0	0
86	Cervical Spine Range of Motion Measurement Utilizing Image Analysis. , 2022, , .		0