Hiroyuki Tanaka

List of Publications by Year in descending order

39 papers	1,037 citations	516710 16 h-index	434195 31 g-index
40 all docs	40 docs citations	40 times ranked	1399 citing authors

#	Article	IF	Citations
1	Utility of a 3-dimensionally printed color-coded bone model to visualize impinging osteophytes for arthroscopic dÃ©bridement arthroplasty in elbow osteoarthritis. Journal of Shoulder and Elbow Surgery, 2021, 30, 1152-1158.	2.6	3
2	Arthroscopic Debridement of Elbow Osteoarthritis Using CT-Based Computer-Aided Navigation Systems Is Accurate. Arthroscopy, Sports Medicine, and Rehabilitation, 2021, 3, e1687-e1696.	1.7	3
3	Artificial intelligence to diagnosis distal radius fracture using biplane plain X-rays. Journal of Orthopaedic Surgery and Research, 2021, 16, 694.	2.3	8
4	Mycobacterium kansasii arthritis of the elbow in an immunocompetent patient with a suspected soft-tissue tumor. Journal of Infection and Chemotherapy, 2020, 26, 261-264.	1.7	2
5	Intra-articular corrective osteotomy for intra-articular malunion of distal radius fracture using three-dimensional surgical computer simulation and patient-matched instrument. Journal of Orthopaedic Science, 2020, 25, 847-853.	1.1	2
6	Combination of Electrospun Nanofiber Sheet Incorporating Methylcobalamin and PGA-Collagen Tube for Treatment of a Sciatic Nerve Defect in a Rat Model. Journal of Bone and Joint Surgery - Series A, 2020, 102, 245-253.	3.0	15
7	Quantitative Analysis for the Change in Lengths of the Radius and Ulna in Missed Bado Type I Monteggia Fracture. Journal of Pediatric Orthopaedics, 2020, 40, e922-e926.	1.2	6
8	Cartilage and subchondral bone distributions of the distal radius: a 3-dimensional analysis using cadavers. Osteoarthritis and Cartilage, 2020, 28, 1572-1580.	1.3	6
9	Utility of Distal Forearm DXA as a Screening Tool for Primary Osteoporotic Fragility Fractures of the Distal Radius. JBJS Open Access, 2020, 5, e0036.	1.5	19
10	Validation of the registration accuracy of navigation-assisted arthroscopic dÃ©bridement for elbow osteoarthritis. Journal of Shoulder and Elbow Surgery, 2019, 28, 2400-2408.	2.6	8
11	The morphologicÂchange of the elbow with flexion contracture in upper obstetric brachial plexus palsy. Journal of Shoulder and Elbow Surgery, 2019, 28, 1764-1770.	2.6	1
12	Threeâ€Đimensional In Vivo Analysis of Malunited Distal Radius Fractures With Restricted Forearm Rotation. Journal of Orthopaedic Research, 2019, 37, 1881-1891.	2.3	5
13	A Nanofiber Sheet Incorporating Vitamin B12 Promotes Nerve Regeneration in a Rat Neurorrhaphy Model. Plastic and Reconstructive Surgery - Global Open, 2019, 7, e2538.	0.6	3
14	Three-Dimensional Corrective Osteotomy for Malunited Fractures of the Upper Extremity Using Patient-Matched Instruments. Journal of Bone and Joint Surgery - Series A, 2019, 101, 710-721.	3.0	26
15	Regional Distribution of Articular Cartilage Thickness in the Elbow Joint. JBJS Open Access, 2019, 4, e0011.	1.5	9
16	Single-plane rotational osteotomy for cubitus varus deformity based on preoperative computer simulation. Journal of Orthopaedic Science, 2019, 24, 945-951.	1.1	7
17	Clinical Cell Therapy Guidelines for Neurorestoration (IANR/CANR 2017). Cell Transplantation, 2018, 27, 310-324.	2.5	40
18	Altered bone density and stress distribution patterns in long-standing cubitus varus deformity and their effect during early osteoarthritis of the elbow. Osteoarthritis and Cartilage, 2018, 26, 72-83.	1.3	26

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19	InÂVivo 3-Dimensional Kinematics of Thumb Carpometacarpal Joint During Thumb Opposition. Journal of Hand Surgery, 2018, 43, 182.e1-182.e7.	1.6	18
20	In Vivo Three-Dimensional Analysis of Malunited Forearm Diaphyseal Fractures with Forearm Rotational Restriction. Journal of Bone and Joint Surgery - Series A, 2018, 100, e113.	3.0	14
21	Combination of an Electrospun Nanofiber Sheet Incorporating Methylcobalamin and a PGA-Collagen Tube Promotes Nerve Regeneration and Functional Recovery in a Rat Sciatic Nerve Defect Model. Journal of Hand Surgery, 2018, 43, S32-S33.	1.6	1
22	NeurotropinÂ® Accelerates the Differentiation of Schwann Cells and Remyelination in a Rat Lysophosphatidylcholine-Induced Demyelination Model. International Journal of Molecular Sciences, 2018, 19, 516.	4.1	17
23	Administration of Oxygen Ultra-Fine Bubbles Improves Nerve Dysfunction in a Rat Sciatic Nerve Crush Injury Model. International Journal of Molecular Sciences, 2018, 19, 1395.	4.1	13
24	Physeal bar resection using a patient-specific guide with intramedullary endoscopic assistance for partial physeal arrest of the distal radius. Archives of Orthopaedic and Trauma Surgery, 2018, 138, 1179-1188.	2.4	6
25	A comparison of corrective osteotomies using dorsal and volar fixation for malunited distal radius fractures. International Orthopaedics, 2018, 42, 2873-2879.	1.9	9
26	Electrospun nanofiber sheets incorporating methylcobalamin promote nerve regeneration and functional recovery in a rat sciatic nerve crush injury model. Acta Biomaterialia, 2017, 53, 250-259.	8.3	68
27	InÂVivo Scaphoid Motion During Thumb and Forearm Motion in Casts for Scaphoid Fractures. Journal of Hand Surgery, 2017, 42, 475.e1-475.e7.	1.6	10
28	Neurotropin attenuates local inflammatory response and inhibits demyelination induced by chronic constriction injury of the mouse sciatic nerve. Biologicals, 2016, 44, 206-211.	1.4	19
29	Methylcobalamin promotes the differentiation of Schwann cells and remyelination in lysophosphatidylcholine-induced demyelination of the rat sciatic nerve. Frontiers in Cellular Neuroscience, 2015, 9, 298.	3.7	39
30	Postoperative accuracy analysis of three-dimensional corrective osteotomy for cubitus varus deformity with a custom-made surgical guide based on computer simulation. Journal of Shoulder and Elbow Surgery, 2015, 24, 242-249.	2.6	46
31	Threeâ€dimensional corrective osteotomy using a patientâ€specific osteotomy guide and bone plate based on a computer simulation system: accuracy analysis in a cadaver study. International Journal of Medical Robotics and Computer Assisted Surgery, 2014, 10, 196-202.	2.3	44
32	Methylcobalamin promotes proliferation and migration and inhibits apoptosis of C2C12 cells via the Erk1/2 signaling pathway. Biochemical and Biophysical Research Communications, 2014, 443, 871-875.	2.1	12
33	3-Dimensional Prebent Plate Fixation in Corrective Osteotomy of Malunited Upper Extremity Fractures Using a Real-Sized Plastic Bone Model Prepared by Preoperative Computer Simulation. Journal of Hand Surgery, 2013, 38, 909-919.	1.6	53
34	Akt/mammalian target of rapamycin signaling pathway regulates neurite outgrowth in cerebellar granule neurons stimulated by methylcobalamin. Neuroscience Letters, 2011, 495, 201-204.	2.1	32
35	Methylcobalamin increases Erk1/2 and Akt activities through the methylation cycle and promotes nerve regeneration in a rat sciatic nerve injury model. Experimental Neurology, 2010, 222, 191-203.	4.1	130
36	Relationship Between the Fracture Location and the Kinematic Pattern in Scaphoid Nonunion. Journal of Hand Surgery, 2008, 33, 1459-1468.	1.6	68

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37	Interleukin-1 beta promotes sensory nerve regeneration after sciatic nerve injury. Neuroscience Letters, 2008, 440, 130-133.	2.1	58
38	IL-1Î² promotes neurite outgrowth by deactivating RhoA via p38 MAPK pathway. Biochemical and Biophysical Research Communications, 2008, 365, 375-380.	2.1	44
39	Cytoplasmic p21Cip1/WAF1 regulates neurite remodeling by inhibiting Rho-kinase activity. Journal of Cell Biology, 2002, 158, 321-329.	5.2	147