

# Hiroshi Tsumura

## List of Publications by Year in descending order

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102  
papers

945  
citations

516710  
16  
h-index

580821  
25  
g-index

103  
all docs

103  
docs citations

103  
times ranked

1369  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the risk factors for increasing cervical sagittal vertical axis after cervical laminoplasty for cervical spondylotic myelopathy. Archives of Orthopaedic and Trauma Surgery, 2022, 142, 553-560.	2.4	7
2	Microvascular system of hip joint constituents with special reference to ultrastructural findings and early arteriosclerosis. Medical Molecular Morphology, 2022, , 1.	1.0	0
3	Contemporaneous Insufficiency Fractures of Bilateral Femoral Necks in an Older Patient Taking Bisphosphonate: A Case Report and Literature Review. Case Reports in Orthopedics, 2022, 2022, 1-5.	0.3	0
4	Primary clear cell sarcoma of the femur: a unique case with RT-PCR and direct sequencing confirmation of EWSR1/ATF1 fusion gene. BMC Musculoskeletal Disorders, 2021, 22, 99.	1.9	2
5	Fluorodeoxyglucose Positron-Emission Tomography/Computed Tomography and Magnetic Resonance Imaging for Adverse Local Tissue Reactions near Metal Implants after Total Hip Arthroplasty: A Preliminary Report. Clinics in Orthopedic Surgery, 2021, 13, 320.	2.2	4
6	Comparison of Cup Setting Angle Accuracy between Computed Tomography-Based and Computed Tomography-Free Navigation in the Same Patients with Crowe's Classification I or II Hip Dysplasia. Clinics in Orthopedic Surgery, 2021, 13, 144.	2.2	6
7	Effect of age and sex on femoral curvature in the Japanese population: three-dimensional computed tomography findings. Anatomical Science International, 2021, 96, 411-421.	1.0	2
8	The fibrinogen levels on admission is a predictive marker of the contrast extravasation on enhanced computed tomography in sacral fracture. Medicine (United States), 2021, 100, e25056.	1.0	2
9	The benzylisoquinoline alkaloids, berberine and coptisine, act against camptothecin-resistant topoisomerase I mutants. Scientific Reports, 2021, 11, 7718.	3.3	9
10	Iliac anatomy in women with developmental dysplasia of the hip: Measurements using three-dimensional computed tomography. Journal of Orthopaedics, 2021, 25, 1-5.	1.3	1
11	Gait analysis of a patient who underwent complete resection of the patella and quadriceps femoris for soft tissue sarcoma. European Journal of Physical and Rehabilitation Medicine, 2021, 57, 298-302.	2.2	1
12	Optimal intermittent administration interval of parathyroid hormone 1-34 for bone morphogenetic protein-induced bone formation in a rat spinal fusion model. JOR Spine, 2021, 4, e1168.	3.2	2
13	Analysis of the signal cross talk via CCL26 in the tumor microenvironment in osteosarcoma. Scientific Reports, 2021, 11, 18099.	3.3	5
14	Is the Iliac Wing Curved Inward in Patients with Developmental Dysplasia of the Hip?. Clinics in Orthopedic Surgery, 2021, 13, 461.	2.2	2
15	Alkaptonuria with rapidly destructive arthropathy of the hip: A case report and literature review. , 2021, 55, 563-568.		5
16	Ultrastructure and three-dimensional architecture of the anterior cruciate ligament in the knee joints of young and old monkeys. Medical Molecular Morphology, 2020, 53, 7-14.	1.0	6
17	Comparison of cementless and cemented cups in revision total hip arthroplasty using a computed tomography-based navigation system. Journal of Clinical Orthopaedics and Trauma, 2020, 11, S206-S210.	1.5	2
18	Fibrinogen level on admission is a predictive marker of the need for massive blood transfusion after pelvic fracture. American Journal of Emergency Medicine, 2020, 38, 789-793.	1.6	4

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19	Three-dimensional architecture of the acetabular labrum in the human hip joint. Medical Molecular Morphology, 2020, 53, 21-27.	1.0	8
20	Analysis of computed tomography-based infra-acetabular morphometry to assess the feasibility of infra-acetabular screws. Archives of Orthopaedic and Trauma Surgery, 2020, 140, 359-364.	2.4	6
21	Effects of ball head diameter and stem neck shape in range of motion after total hip arthroplasty: A simulation study. Journal of Orthopaedics, 2020, 18, 104-109.	1.3	3
22	Cervical alignment after single-level anterior cervical corpectomy and fusion using autologous bone graft without spinal instrumentation for cervical pyogenic spondylitis. European Journal of Orthopaedic Surgery and Traumatology, 2020, 30, 479-484.	1.4	3
23	Long-term clinical results of bipolar hemiarthroplasty for osteoarthritis and rheumatoid arthritis of the hip: A retrospective study. Journal of Orthopaedics, 2020, 17, 120-123.	1.3	0
24	Osteomyelitis of the Distal Phalanx of the Thumb due to Parvimonas micra and Fusobacterium nucleatum: A Case Report. Open Forum Infectious Diseases, 2020, 7, ofaa330.	0.9	5
25	A meta-analytic evaluation of the correlation between event-free survival and overall survival in randomized controlled trials of newly diagnosed Ewing sarcoma. BMC Cancer, 2020, 20, 379.	2.6	3
26	Analyse des changements rachidiens dans les profils cervicaux supérieurs après fusion vertébrale postérieure avec la technique de dérotation simultanée à double tige pour la scoliose idiopathique de l'adolescent. Revue De Chirurgie Orthopedique Et Traumatologique, 2020, 106, 792-793.	0.0	0
27	Reference values for the locomotive syndrome risk test quantifying mobility of 8681 adults aged 20-89 years: A cross-sectional nationwide study in Japan. Journal of Orthopaedic Science, 2020, 25, 1084-1092.	1.1	36
28	Histological evaluation of the acetabular labrum after bipolar hip hemiarthroplasty: a case report. Medical Molecular Morphology, 2020, 53, 183-189.	1.0	1
29	Analysis of the reciprocal changes in upper cervical profile and the risk factors for increasing cervical sagittal vertical axis after laminoplasty for ossification of the posterior longitudinal ligament of the cervical spine. Clinical Neurology and Neurosurgery, 2020, 194, 105788.	1.4	3
30	Surrogate endpoints for overall survival in randomised controlled trials of localised osteosarcoma: A meta-analytic evaluation. Scientific Reports, 2020, 10, 8573.	3.3	5
31	Finite Element Analysis of Stress Distribution in Flat and Elevated-Rim Polyethylene Acetabular Liners. Clinics in Orthopedic Surgery, 2020, 12, 291.	2.2	4
32	Effectiveness of 18F-fluoro-deoxyglucose Positron Emission Tomography/Computed Tomography and Magnetic Resonance Imaging to Detect Iliopsoas Tendonitis after Total Hip Arthroplasty: A Case Report. Hip and Pelvis, 2020, 32, 223-229.	1.6	1
33	Analysis of reciprocal changes in upper cervical profiles after posterior spinal fusion with the simultaneous double rod rotation technique for adolescent idiopathic scoliosis. Orthopaedics and Traumatology: Surgery and Research, 2020, 106, 1275-1279.	2.0	7
34	A meta-analysis of randomized controlled trials that compare standard doxorubicin with other first-line chemotherapies for advanced/metastatic soft tissue sarcomas. PLoS ONE, 2019, 14, e0210671.	2.5	15
35	Spinal epidural lipomatosis is associated with liver fat deposition and dysfunction. Clinical Neurology and Neurosurgery, 2019, 185, 105480.	1.4	12
36	Influence de la position du centre de la hanche, de la morphologie de l'acromioclaviculaire antéro-inférieure et du diamètre de la tête prothétique sur la mobilité articulaire après arthroplastie totale. Revue De Chirurgie Orthopedique Et Traumatologique, 2019, 105, 18.	0.0	0

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37	Isolated acetabular revision with femoral stem retention using computed tomography-based navigation. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2019, 105, 1311-1317.	2.0	6
38	A new and simple intraoperative method for correction of leg-length discrepancy in total hip arthroplasty. <i>Journal of Orthopaedics</i> , 2019, 16, 405-408.	1.3	1
39	Efficacy of vitamin E for mechanical damage and oxidation of polyethylene rim by stem neck impingement. <i>Clinical Biomechanics</i> , 2019, 68, 8-15.	1.2	7
40	Efficacy of Computed Tomography-Based Navigation for Cup Placement in Revision Total Hip Arthroplasty. <i>Clinics in Orthopedic Surgery</i> , 2019, 11, 43.	2.2	12
41	Enhancement of the effects of intermittent parathyroid hormone (1-34) by bone morphogenetic protein in a rat femoral open fracture model. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 403.	2.3	5
42	Effect of intraoperative position in single-level transforaminal lumbar interbody fusion at the L4/5 level on segmental and overall lumbar lordosis in patients with lumbar degenerative disease. <i>Medicine (United States)</i> , 2019, 98, e17316.	1.0	14
43	The position of the spinal cord relative to the vertebrae in adolescent idiopathic scoliosis. <i>Medicine (United States)</i> , 2019, 98, e18057.	1.0	1
44	Radiographic evaluation of linear wear of bipolar hemiarthroplasty devices in vivo. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2019, 10, 639-644.	1.5	1
45	Surrogacy of intermediate endpoints for overall survival in randomized controlled trials of first-line treatment for advanced soft tissue sarcoma in the pre- and post-pazopanib era: a meta-analytic evaluation. <i>BMC Cancer</i> , 2019, 19, 56.	2.6	12
46	Influence of hip center position, anterior inferior iliac spine morphology, and ball head diameter on range of motion in total hip arthroplasty. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2019, 105, 23-28.	2.0	6
47	Eighth edition of the American Joint Committee on Cancer staging system for soft tissue sarcoma of the trunk and extremity: in search of a better staging system. <i>Annals of Translational Medicine</i> , 2019, 7, S11-S11.	1.7	2
48	Effect of thoracic kyphosis formation and rotational correction by direct vertebral rotation after the simultaneous double rod rotation technique for idiopathic scoliosis. <i>Clinical Neurology and Neurosurgery</i> , 2019, 178, 56-62.	1.4	4
49	Relationship of T1 slope with loss of lordosis and surgical outcomes after laminoplasty for cervical ossification of the posterior longitudinal ligament. <i>Clinical Neurology and Neurosurgery</i> , 2018, 164, 19-24.	1.4	33
50	The mechanical effects of cup inclination and anteversion angle on the bearing surface. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2018, 28, 65-70.	1.4	3
51	Combination therapy with low-dose teriparatide and zoledronate contributes to fracture healing on rat femoral fracture model. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 267.	2.3	10
52	Relationship of preoperative intramedullary MRI signal intensity and dynamic factors with surgical outcomes of laminoplasty for cervical ossification of the posterior longitudinal ligament. <i>Clinical Neurology and Neurosurgery</i> , 2018, 174, 117-122.	1.4	3
53	Kinetic change of spinal cord compression on flexion-extension magnetic resonance imaging in cervical spine. <i>Clinical Neurology and Neurosurgery</i> , 2018, 174, 86-91.	1.4	12
54	Bilateral Greater Trochanteric Avulsion Fractures after Bilateral Simultaneous Total Hip Arthroplasty. <i>Case Reports in Orthopedics</i> , 2018, 2018, 1-7.	0.3	0

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55	Relationship between vertebral morphology and the potential risk of spinal cord injury by pedicle screw in adolescent idiopathic scoliosis. <i>Clinical Neurology and Neurosurgery</i> , 2018, 172, 143-150.	1.4	11
56	MicroRNA-181c prevents apoptosis by targeting of FAS receptor in Ewing's sarcoma cells. <i>Cancer Cell International</i> , 2018, 18, 37.	4.1	25
57	Interaction between human osteosarcoma and mesenchymal stem cells via an interleukin-8 signaling loop in the tumor microenvironment. <i>Cell Communication and Signaling</i> , 2018, 16, 13.	6.5	26
58	Arthroscopic glenoid reconstruction for glenoid bone loss in recurrent anterior glenohumeral instability, using osteochondral autograft from the contralateral lateral femoral condyle: a new technique and case report. <i>JSES Open Access</i> , 2018, 2, 104-108.	0.9	5
59	Enhancing the effects of exfoliated carbon nanofibers using bone morphogenetic protein in a rat spinal fusion model. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2892-2900.	2.3	6
60	Progressive Osteolysis with Hematoma Following Revision Total Hip Arthroplasty using Hydroxyapatite Mesh: A Case Report. <i>Journal of Orthopaedic Case Reports</i> , 2018, 8, 25-28.	0.1	1
61	Acute celiac artery compression syndrome after extensive correction of sagittal balance on an adult spinal deformity. <i>European Spine Journal</i> , 2017, 26, 31-35.	2.2	11
62	Comparison of morphology between patients with and without developmental spinal canal stenosis to inform the feasibility of C1 lateral mass screw insertion in the atlas. <i>Journal of Orthopaedic Science</i> , 2017, 22, 207-212.	1.1	2
63	Isolated acetabular revision with femoral stem retention after bipolar hip arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2017, 137, 425-430.	2.4	2
64	Surgical outcomes after laminoplasty for cervical spondylotic myelopathy: A focus on the dynamic factors and signal intensity changes in the intramedullary spinal cord on MRI. <i>Clinical Neurology and Neurosurgery</i> , 2017, 162, 108-114.	1.4	7
65	Surgical outcomes of laminoplasty for cervical spondylotic myelopathy in very elderly patients (older) Tj ETQq1 1 0.784314 rgBT /Overlo Clinical Neurology and Neurosurgery, 2017, 160, 78-82.	1.4	6
66	Surgical management of ventrally located spinal meningiomas via posterior approach. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2017, 27, 181-186.	1.4	12
67	Locally applied simvastatin promotes bone formation in a rat model of spinal fusion. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1942-1948.	2.3	13
68	Evaluation of the rotational alignment of the tibial component in total knee arthroplasty: position prioritizing maximum coverage. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2017, 27, 119-124.	1.4	12
69	MicroRNA-20b promotes cell proliferation via targeting of TGF- $\beta$ 2 receptor II and upregulates MYC expression in Ewing's sarcoma cells. <i>International Journal of Oncology</i> , 2017, 51, 1842-1850.	3.3	22
70	Three-dimensional architecture of the ligamentum teres in the human hip joint. <i>Muscles, Ligaments and Tendons Journal</i> , 2017, 7, 442.	0.3	6
71	Title is missing!. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2017, 106, 75-83.	0.0	3
72	A Case of Massive Lumbar Myxofibrosarcoma. <i>Nishinohon Journal of Dermatology</i> , 2017, 79, 251-254.	0.0	0

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73	Tuberculous Spondylitis following Intravesical Bacillus Calmette-Guerin for Bladder Cancer. Case Reports in Orthopedics, 2016, 2016, 1-4.	0.3	6
74	Tumor suppressive microRNA-138 inhibits metastatic potential via the targeting of focal adhesion kinase in Ewing's sarcoma cells. International Journal of Oncology, 2016, 48, 1135-1144.	3.3	21
75	Dendritic cells combined with doxorubicin induces immunogenic cell death and exhibits antitumor effects for osteosarcoma. Oncology Letters, 2016, 11, 2169-2175.	1.8	46
76	Feasibility and efficacy of gemcitabine and docetaxel combination chemotherapy for bone and soft tissue sarcomas: multi-institutional retrospective analysis of 134 patients. World Journal of Surgical Oncology, 2016, 14, 306.	1.9	10
77	Pyogenic vertebral osteomyelitis caused by Yersinia pseudotuberculosis. Joint Bone Spine, 2016, 83, 727-729.	1.6	4
78	Case of malignant melanoma that developed the ability to secrete granulocyte colony-stimulating factor. Journal of Dermatology, 2016, 43, 580-582.	1.2	3
79	Clinical presentation of geriatric polytrauma patients with severe pelvic fractures: comparison with younger adult patients. European Journal of Orthopaedic Surgery and Traumatology, 2016, 26, 885-890.	1.4	10
80	MicroRNA-301a promotes cell proliferation via PTEN targeting in Ewing's sarcoma cells. International Journal of Oncology, 2016, 48, 1531-1540.	3.3	28
81	c-Myc Represses Tumor-Suppressive microRNAs, let-7a, miR-16 and miR-29b, and Induces Cyclin D2-Mediated Cell Proliferation in Ewing's Sarcoma Cell Line. PLoS ONE, 2015, 10, e0138560.	2.5	35
82	microRNA-93 promotes cell proliferation via targeting of PTEN in Osteosarcoma cells. Journal of Experimental and Clinical Cancer Research, 2015, 34, 76.	8.6	68
83	Tumor-suppressive microRNA-let-7a inhibits cell proliferation via targeting of E2F2 in osteosarcoma cells. International Journal of Oncology, 2015, 46, 1543-1550.	3.3	35
84	Dendritic cells combined with anti-GITR antibody produce antitumor effects in osteosarcoma. Oncology Reports, 2015, 34, 1995-2001.	2.6	23
85	Influence of cup-center-edge angle on micro-motion at the interface between the cup and host bone in cementless total hip arthroplasty: three-dimensional finite element analysis. European Journal of Orthopaedic Surgery and Traumatology, 2015, 25, 1271-1277.	1.4	9
86	Prevalence and Distribution of Thoracic and Lumbar Compressive Lesions in Cervical Spondylotic Myelopathy. Asian Spine Journal, 2015, 9, 218.	2.0	14
87	Analysis of the Prevalence and Distribution of Cervical and Thoracic Compressive Lesions of the Spinal Cord in Lumbar Degenerative Disease. Asian Spine Journal, 2014, 8, 19.	2.0	4
88	Predictable Imaging Signs of Cauda Equina Entrapment in Thoracolumbar and Lumbar Burst Fractures with Greenstick Lamina Fractures. Asian Spine Journal, 2014, 8, 339.	2.0	8
89	Authors' reply to the Letters to the Editor of T. Smoljanovic et al. concerning "An update on bone substitutes for spinal fusion", Eur Spine J (2009) 18:783-799 by M. Miyazaki et al.. European Spine Journal, 2010, 19, 1389-1391.	2.2	1
90	The effect of selective cyclooxygenase-2 inhibitor on human osteoclast precursors to influence osteoclastogenesis in vitro. Modern Rheumatology, 2009, 19, 192-198.	1.8	29

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91	A computer simulation in surgery for a human hip joint. Artificial Life and Robotics, 2008, 12, 14-17.	1.2	0
92	A control method of ankle foot orthosis (AFO) with artificial muscle. , 2008, , .		1
93	Development of ankle foot orthosis (AFO) using artificial muscle. , 2007, , .		1
94	Synovectomy, debridement, and continuous irrigation for infected total knee arthroplasty. International Orthopaedics, 2005, 29, 113-116.	1.9	35
95	A computer simulation of rotational acetabular osteotomy for dysplastic hip joint: does the optimal transposition of the acetabular fragment exist?. Journal of Orthopaedic Science, 2005, 10, 145-151.	1.1	40
96	Five- to Fifteen-Year Clinical Results and the Radiographic Evaluation of Acetabular Changes After Bipolar Hip Arthroplasty for Femoral Head Osteonecrosis. Journal of Arthroplasty, 2005, 20, 892-897.	3.1	24
97	Influence of aerobic exercise with an intermission, using a bicycle ergometer, on fat metabolism in obese patients with gonarthrosis. Journal of Orthopaedic Science, 2002, 7, 38-42.	1.1	0
98	Role of multinuclear cells in granulation tissue in osteomyelitis: Immunohistochemistry in 66 patients. Acta Orthopaedica, 2000, 71, 414-418.	1.4	8
99	Extraosseous calcified plasmacytoma causing thoracic myelopathy. Skeletal Radiology, 1999, 28, 347-349.	2.0	1
100	Three-dimensional MRI reconstructions of musculoskeletal tumors: A preliminary evaluation of 2 cases. Acta Orthopaedica, 1995, 66, 80-83.	1.4	7
101	COMPARISON OF UTILITY SCORES OF HIP ARTHROPLASTY FOR DYSPLASTIC OSTEOARTHRITIS. Journal of Musculoskeletal Research, 0, , .	0.2	0
102	Three-Dimensional Evaluation of Innominate Bone Rotation in Female Patients with Developmental Dysplasia of the Hip. Clinics in Orthopedic Surgery, 0, 14, .	2.2	0