

# Hiroyuki Tsuchiya

## List of Publications by Year in descending order

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Version: 2024-02-01

424  
papers

5,517  
citations

117625

34  
h-index

182427

51  
g-index

434  
all docs

434  
docs citations

434  
times ranked

5303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Innovative antimicrobial coating of titanium implants with iodine. Journal of Orthopaedic Science, 2012, 17, 595-604.	1.1	165
2	Prevention of pin tract infection with titanium-copper alloys. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 91B, 373-380.	3.4	160
3	Effect of Timing of Pulmonary Metastases Identification on Prognosis of Patients With Osteosarcoma: The Japanese Musculoskeletal Oncology Group Study. Journal of Clinical Oncology, 2002, 20, 3470-3477.	1.6	150
4	<sc>SYT</sc> &#x2013;<sc>SSX</sc> breakpoint peptide vaccines in patients with synovial sarcoma: <sc>A</sc> study from the <sc>J</sc>apanese <sc>M</sc>usculoskeletal <sc>O</sc>nology <sc>G</sc>roup. Cancer Science, 2012, 103, 1625-1630.	3.9	90
5	Effects of liquid nitrogen treatment on the proliferation of osteosarcoma and the biomechanical properties of normal bone. Journal of Orthopaedic Science, 2003, 8, 374-380.	1.1	89
6	Pedicle frozen autograft reconstruction in malignant bone tumors. Journal of Orthopaedic Science, 2010, 15, 340-349.	1.1	87
7	Current and Emerging Targets in Immunotherapy for Osteosarcoma. Journal of Oncology, 2019, 2019, 1-8.	1.3	79
8	The paracrine effect of adipose-derived stem cells inhibits osteoarthritis progression. BMC Musculoskeletal Disorders, 2015, 16, 236.	1.9	76
9	Activity of bone morphogenetic protein-7 after treatment at various temperatures: Freezing vs. pasteurization vs. allograft. Cryobiology, 2011, 63, 235-239.	0.7	67
10	Phase I/2 study of immunotherapy with dendritic cells pulsed with autologous tumor lysate in patients with refractory bone and soft tissue sarcoma. Cancer, 2017, 123, 1576-1584.	4.1	65
11	Two-dimensional motion analysis of dynamic knee valgus identifies female high school athletes at risk of non-contact anterior cruciate ligament injury. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 442-447.	4.2	62
12	Over 10-year follow-up of functional outcome in patients with bone tumors reconstructed using distraction osteogenesis. Journal of Orthopaedic Science, 2013, 18, 101-109.	1.1	60
13	Tumor-targeting Salmonella typhimurium A1-R combined with recombinant methioninase and cisplatin eradicates an osteosarcoma cisplatin-resistant lung metastasis in a patient-derived orthotopic xenograft (PDOX) mouse model: decoy, trap and kill chemotherapy moves toward the clinic. Cell Cycle, 2018, 17, 801-809.	2.6	57
14	Recombinant methioninase in combination with doxorubicin (DOX) overcomes first-line DOX resistance in a patient-derived orthotopic xenograft nude-mouse model of undifferentiated spindle-cell sarcoma. Cancer Letters, 2018, 417, 168-173.	7.2	56
15	Intraperitoneal administration of tumor-targeting <i>Salmonella typhimurium</i> A1-R inhibits disseminated human ovarian cancer and extends survival in nude mice. Oncotarget, 2015, 6, 11369-11377.	1.8	55
16	Reconstruction of intercalary bone defect after resection of malignant bone tumor. Journal of Orthopaedic Surgery, 2019, 27, 230949901983297.	1.0	53
17	Oral Recombinant Methioninase Combined with Caffeine and Doxorubicin Induced Regression of a Doxorubicin-resistant Synovial Sarcoma in a PDOX Mouse Model. Anticancer Research, 2018, 38, 5639-5644.	1.1	50
18	Antimicrobial megaprotheses supported with iodine. Journal of Biomaterials Applications, 2014, 29, 617-623.	2.4	49

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19	Value of computed tomography-based three-dimensional surgical preoperative planning software in total hip arthroplasty with developmental dysplasia of the hip. <i>Journal of Orthopaedic Science</i> , 2015, 20, 340-346.	1.1	49
20	Intra-arterial administration of tumor-targeting <i>Salmonella typhimurium</i> A1-R regresses a cisplatin-resistant relapsed osteosarcoma in a patient-derived orthotopic xenograft (PDOX) mouse model. <i>Cell Cycle</i> , 2017, 16, 1164-1170.	2.6	49
21	Joint-preservation surgery for pediatric osteosarcoma of the knee joint. <i>Cancer and Metastasis Reviews</i> , 2019, 38, 709-722.	5.9	49
22	Perioperative Complications of Total En Bloc Spondylectomy: Adverse Effects of Preoperative Irradiation. <i>PLoS ONE</i> , 2014, 9, e98797.	2.5	49
23	Abdominal trunk muscle weakness and its association with chronic low back pain and risk of falling in older women. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 273.	1.9	48
24	A patient-derived orthotopic xenograft (PDOX) mouse model of a cisplatin-resistant osteosarcoma lung metastasis that was sensitive to temozolomide and trabectedin: implications for precision oncology. <i>Oncotarget</i> , 2017, 8, 62111-62119.	1.8	48
25	Cryoinmunology for malignant bone and soft-tissue tumors. <i>International Journal of Clinical Oncology</i> , 2011, 16, 109-117.	2.2	44
26	Ultrasonography imaging of the anterolateral ligament using real-time virtual sonography. <i>Knee</i> , 2016, 23, 198-202.	1.6	44
27	Risk Factors and Cup Protrusion Thresholds for Symptomatic Iliopsoas Impingement After Total Hip Arthroplasty: A Retrospective Case-Control Study. <i>Journal of Arthroplasty</i> , 2018, 33, 3288-3296.e1.	3.1	44
28	Periprosthetic Occult Fractures of the Acetabulum Occur Frequently During Primary THA. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 484-494.	1.5	43
29	Patient-derived orthotopic xenograft (PDOX) mouse model of adult rhabdomyosarcoma invades and recurs after resection in contrast to the subcutaneous ectopic model. <i>Cell Cycle</i> , 2017, 16, 91-94.	2.6	41
30	Adipose-Derived Regenerative Cells Promote Tendon-Bone Healing in a Rabbit Model. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016, 32, 851-859.	2.7	40
31	Perioperative chemotherapy with ifosfamide and doxorubicin for high-grade soft tissue sarcomas in the extremities (JCOG0304). <i>Japanese Journal of Clinical Oncology</i> , 2015, 45, 555-61.	1.3	39
32	Radiological assessment of the femoral bowing in Japanese population. <i>Sicot-j</i> , 2016, 2, 2.	1.8	39
33	Inhibition of biofilm formation on iodine-supported titanium implants. <i>International Orthopaedics</i> , 2017, 41, 1093-1099.	1.9	38
34	Adipose-derived stem cell sheets accelerate bone healing in rat femoral defects. <i>PLoS ONE</i> , 2019, 14, e0214488.	2.5	38
35	Immunotherapy synergizes with debridement and antibiotic therapy in a murine stage exchange model of MRSA implant-associated osteomyelitis. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1590-1598.	2.3	37
36	Oblique coronal and oblique sagittal MRI for diagnosis of anterior cruciate ligament tears and evaluation of anterior cruciate ligament remnant tissue. <i>Knee</i> , 2014, 21, 54-57.	1.6	35

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37	High Efficacy of Pazopanib on an Undifferentiated Spindle-Cell Sarcoma Resistant to First-Line Therapy Is Identified With a Patient-Derived Orthotopic Xenograft (PDOX) Nude Mouse Model. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2739-2743.	2.6	34
38	Trabectedin and irinotecan combination regresses a cisplatinum-resistant osteosarcoma in a patient-derived orthotopic xenograft nude-mouse model. <i>Biochemical and Biophysical Research Communications</i> , 2019, 513, 326-331.	2.1	34
39	Temozolomide combined with irinotecan caused regression in an adult pleomorphic rhabdomyosarcoma patient-derived orthotopic xenograft (PDOX) nude-mouse model. <i>Oncotarget</i> , 2017, 8, 75874-75880.	1.8	33
40	Prevention of pin tract infection with iodine-supported titanium pins. <i>Journal of Orthopaedic Science</i> , 2014, 19, 598-602.	1.1	32
41	Effects of the belt electrode skeletal muscle electrical stimulation system on lower extremity skeletal muscle activity: Evaluation using positron emission tomography. <i>Journal of Orthopaedic Science</i> , 2016, 21, 53-56.	1.1	31
42	Does Degree of the Pelvic Deformity Affect the Accuracy of Computed Tomography-Based Hip Navigation?. <i>Journal of Arthroplasty</i> , 2012, 27, 1651-1657.	3.1	30
43	Growth of doxorubicin-resistant undifferentiated spindle cell sarcoma PDOX is arrested by metabolic targeting with recombinant methioninase. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 3537-3544.	2.6	30
44	Oral Recombinant Methioninase, Combined With Oral Caffeine and Injected Cisplatinum, Overcome Cisplatinum-Resistance and Regresses Patient-derived Orthotopic Xenograft Model of Osteosarcoma. <i>Anticancer Research</i> , 2019, 39, 4653-4657.	1.1	30
45	Recent Advances and Challenges in the Treatment of Rhabdomyosarcoma. <i>Cancers</i> , 2020, 12, 1758.	3.7	30
46	Pedicle versus free frozen autograft for reconstruction in malignant bone and soft tissue tumors of the lower extremities. <i>Journal of Orthopaedic Science</i> , 2014, 19, 156-163.	1.1	29
47	Metabolic targeting with recombinant methioninase combined with palbociclib regresses a doxorubicin-resistant dedifferentiated liposarcoma. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 912-917.	2.1	29
48	Cryoimmunologic Antitumor Effects Enhanced by Dendritic Cells in Osteosarcoma. <i>Clinical Orthopaedics and Related Research</i> , 2010, 468, 1373-1383.	1.5	28
49	Iodine-Supported Hip Implants: Short Term Clinical Results. <i>BioMed Research International</i> , 2015, 2015, 1-6.	1.9	28
50	Tumor-targeting <i>Salmonella typhimurium</i> A1-R is a highly effective general therapeutic for undifferentiated soft tissue sarcoma patient-derived orthotopic xenograft nude-mouse models. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 1055-1061.	2.1	28
51	Risk factors for surgical site infection after malignant bone tumor resection and reconstruction. <i>BMC Cancer</i> , 2019, 19, 33.	2.6	28
52	Pioglitazone, an agonist of PPAR $\gamma$ , reverses doxorubicin-resistance in an osteosarcoma patient-derived orthotopic xenograft model by downregulating P-glycoprotein expression. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109356.	5.6	28
53	Glycogen synthase kinase 3 $\beta$ as a potential therapeutic target in synovial sarcoma and fibrosarcoma. <i>Cancer Science</i> , 2020, 111, 429-440.	3.9	28
54	Differentiating and antitumor activities of 1 $\alpha$ ,25-dihydroxyvitamin D3 in vitro and 1 $\alpha$ -hydroxyvitamin D3 in vivo on human osteosarcoma. <i>Journal of Orthopaedic Research</i> , 1993, 11, 122-130.	2.3	27

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55	Intercalary frozen autograft for reconstruction of malignant bone and soft tissue tumours. <i>International Orthopaedics</i> , 2017, 41, 1481-1487.	1.9	27
56	Total spondylectomy for Enneking stage III giant cell tumor of the mobile spine. <i>European Spine Journal</i> , 2018, 27, 3084-3091.	2.2	27
57	The combination of oral-recombinant methioninase and azacitidine arrests a chemotherapy-resistant osteosarcoma patient-derived orthotopic xenograft mouse model. <i>Cancer Chemotherapy and Pharmacology</i> , 2020, 85, 285-291.	2.3	27
58	Total en bloc spondylectomy for primary tumors of the lumbar spine. <i>Medicine (United States)</i> , 2018, 97, e12366.	1.0	26
59	The effect of kyphotic deformity because of vertebral fracture: a finite element analysis of a 10° and 20° wedge-shaped vertebral fracture model. <i>Spine Journal</i> , 2015, 15, 713-720.	1.3	25
60	A Scaffold-Free Allogeneic Construct From Adipose-Derived Stem Cells Regenerates an Osteochondral Defect in a Rabbit Model. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 583-593.	2.7	25
61	Sorafenib and Palbociclib Combination Regresses a Cisplatin-resistant Osteosarcoma in a PDOX Mouse Model. <i>Anticancer Research</i> , 2019, 39, 4079-4084.	1.1	24
62	PPAR $\alpha$ Agonist Pioglitazone in Combination With Cisplatin Arrests a Chemotherapy-resistant Osteosarcoma PDOX Model. <i>Cancer Genomics and Proteomics</i> , 2020, 17, 35-40.	2.0	24
63	A novel anionic-phosphate-platinum complex effectively targets an undifferentiated pleomorphic sarcoma better than cisplatin and doxorubicin in a patient-derived orthotopic xenograft (PDOX). <i>Oncotarget</i> , 2017, 8, 63353-63359.	1.8	24
64	Biological reconstruction after excision of juxta-articular osteosarcoma around the knee: a new classification system. <i>Anticancer Research</i> , 2006, 26, 447-53.	1.1	24
65	Surgical site infection after total en bloc spondylectomy: risk factors and the preventive new technology. <i>Spine Journal</i> , 2015, 15, 132-137.	1.3	23
66	Greater body mass index and hip abduction muscle strength predict noncontact anterior cruciate ligament injury in female Japanese high school basketball players. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 3004-3011.	4.2	23
67	Efficacy of glycogen synthase kinase-3 $\beta$ targeting against osteosarcoma via activation of $\beta$ -catenin. <i>Oncotarget</i> , 2016, 7, 77038-77051.	1.8	23
68	The correlation between clinical radiological outcome and contact state of implant and femur using three-dimensional templating software in cementless total hip arthroplasty. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2016, 26, 591-598.	1.4	22
69	Caffeine citrate enhanced cisplatin antitumor effects in osteosarcoma and fibrosarcoma in vitro and in vivo. <i>BMC Cancer</i> , 2019, 19, 689.	2.6	22
70	Combination Treatment With Sorafenib and Everolimus Regresses a Doxorubicin-resistant Osteosarcoma in a PDOX Mouse Model. <i>Anticancer Research</i> , 2019, 39, 4781-4786.	1.1	22
71	Temozolomide combined with irinotecan regresses a cisplatin-resistant relapsed osteosarcoma in a patient-derived orthotopic xenograft (PDOX) precision-oncology mouse model. <i>Oncotarget</i> , 2018, 9, 7774-7781.	1.8	22
72	Recombinant methioninase combined with doxorubicin (DOX) regresses a DOX-resistant synovial sarcoma in a patient-derived orthotopic xenograft (PDOX) mouse model. <i>Oncotarget</i> , 2018, 9, 19263-19272.	1.8	22

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73	Risk factors of instrumentation failure after multilevel total en bloc spondylectomy. <i>Spine Surgery and Related Research</i> , 2017, 1, 31-39.	0.7	21
74	Effect of coadministration of rifampicin on the pharmacokinetics of linezolid: clinical and animal studies. <i>Journal of Pharmaceutical Health Care and Sciences</i> , 2018, 4, 27.	1.0	21
75	Growth of epiphysis after epiphyseal-preservation surgery for childhood osteosarcoma around the knee joint. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 185.	1.9	21
76	Perioperative complications of total en bloc spondylectomy for spinal tumours. <i>Bone and Joint Journal</i> , 2021, 103-B, 976-983.	4.4	21
77	Epiphyseal Sparing and Reconstruction by Frozen Bone Autograft after Malignant Bone Tumor Resection in Children. <i>Sarcoma</i> , 2015, 2015, 1-8.	1.3	20
78	The cross-sectional shape of the fourfold semitendinosus tendon is oval, not round. <i>Journal of Experimental Orthopaedics</i> , 2016, 3, 28.	1.8	20
79	Incidence rates and characteristics of abnormal lumbar findings and low back pain in child and adolescent weightlifter: A prospective three-year cohort study. <i>PLoS ONE</i> , 2018, 13, e0206125.	2.5	20
80	Progress in biological reconstruction and enhanced bone revitalization for bone defects. <i>Journal of Orthopaedic Science</i> , 2019, 24, 387-392.	1.1	20
81	Indication for anterior spinal cord decompression via a posterolateral approach for the treatment of ossification of the posterior longitudinal ligament in the thoracic spine: a prospective cohort study. <i>European Spine Journal</i> , 2020, 29, 113-121.	2.2	20
82	Usefulness of three-dimensional templating software to quantify the contact state between implant and femur in total hip arthroplasty. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2015, 25, 1293-1300.	1.4	19
83	Arthrorisis for ulnar nerve palsy due to hyperextension of the elbow joint: a case report. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, e139-e142.	2.6	19
84	Ten-year follow-up results of perioperative chemotherapy with doxorubicin and ifosfamide for high-grade soft-tissue sarcoma of the extremities: Japan Clinical Oncology Group study JCOG0304. <i>BMC Cancer</i> , 2019, 19, 890.	2.6	19
85	Tenosynovial giant cell tumors in unusual locations detected by positron emission tomography imaging confused with malignant tumors: report of two cases. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 180.	1.9	18
86	Knee joint preservation surgery in osteosarcoma using tumour-bearing bone treated with liquid nitrogen. <i>International Orthopaedics</i> , 2017, 41, 2189-2197.	1.9	18
87	Mesenchymal chondrosarcoma: A Japanese Musculoskeletal Oncology Group (JMOG) study on 57 patients. <i>Journal of Surgical Oncology</i> , 2017, 115, 760-767.	1.7	18
88	Poor static balance is a risk factor for non-contact anterior cruciate ligament injury. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018, 138, 1713-1718.	2.4	18
89	The Combination of Olaratumab with Doxorubicin and Cisplatin Regresses a Chemotherapy-Resistant Osteosarcoma in a Patient-Derived Orthotopic Xenograft Mouse Model. <i>Translational Oncology</i> , 2019, 12, 1257-1263.	3.7	18
90	Current Management of Bone Metastases from Differentiated Thyroid Cancer. <i>Cancers</i> , 2021, 13, 4429.	3.7	18

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91	A Novel Method to Apply Osteogenic Potential of Adipose Derived Stem Cells in Orthopaedic Surgery. PLoS ONE, 2014, 9, e88874.	2.5	17
92	Effects of Radiation on Spinal Dura Mater and Surrounding Tissue in Mice. PLoS ONE, 2015, 10, e0133806.	2.5	17
93	Patient-derived orthotopic xenograft models of sarcoma. Cancer Letters, 2020, 469, 332-339.	7.2	17
94	Optimizing leg length correction in total hip arthroplasty. International Orthopaedics, 2020, 44, 437-443.	1.9	17
95	Therapeutic Targets and Emerging Treatments in Advanced Chondrosarcoma. International Journal of Molecular Sciences, 2022, 23, 1096.	4.1	17
96	Histological examination of frozen autograft treated by liquid nitrogen removed 6 years after implantation. Journal of Orthopaedic Science, 2008, 13, 259-264.	1.1	16
97	Mid-term clinical outcome of giant cell tumor of bone treated with calcium phosphate cement following thorough curettage and phenolization. Journal of Surgical Oncology, 2018, 117, 1232-1238.	1.7	16
98	Utility of bone SPECT/CT to identify the primary cause of pain in elderly patients with degenerative lumbar spine disease. Journal of Orthopaedic Surgery and Research, 2019, 14, 185.	2.3	16
99	Autologous adipose-derived stem cell transplantation enhances healing of wound with exposed bone in a rat model. PLoS ONE, 2019, 14, e0214106.	2.5	16
100	Lateral meniscus posterior root tear in anterior cruciate ligament injury can be detected using MRI-specific signs in combination but not individually. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 3094-3100.	4.2	16
101	Innovative exercise device for the abdominal trunk muscles: An early validation study. PLoS ONE, 2017, 12, e0172934.	2.5	16
102	Clinical Outcome of Reconstruction Using Frozen Autograft for a Humeral Bone Tumor. Anticancer Research, 2016, 36, 6631-6636.	1.1	16
103	Effective Metabolic Targeting of Human Osteosarcoma Cells In Vitro and in Orthotopic Nude-mouse Models with Recombinant Methioninase. Anticancer Research, 2017, 37, 4807-4812.	1.1	16
104	Targeted activation of PKA and Epac promotes glioblastoma regression in vitro. Molecular and Clinical Oncology, 2013, 1, 281-285.	1.0	15
105	Combination of oral recombinant methioninase and decitabine arrests a chemotherapy-resistant undifferentiated soft-tissue sarcoma patient-derived orthotopic xenograft mouse model. Biochemical and Biophysical Research Communications, 2020, 523, 135-139.	2.1	15
106	Combinational therapy with antibiotics and antibiotic-loaded adipose-derived stem cells reduce abscess formation in implant-related infection in rats. Scientific Reports, 2020, 10, 11182.	3.3	15
107	Prognostic Value of Radiological Response to Chemotherapy in Patients with Osteosarcoma. PLoS ONE, 2013, 8, e70015.	2.5	15
108	Acute correction using focal dome osteotomy for deformity about knee joint. Archives of Orthopaedic and Trauma Surgery, 2008, 128, 1373-1378.	2.4	14

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109	Systemic antitumor immune response following reconstruction using frozen autografts for total en bloc spondylectomy. <i>Spine Journal</i> , 2014, 14, 1567-1571.	1.3	14
110	Current status of immunotherapy for sarcomas. <i>Immunotherapy</i> , 2017, 9, 1331-1338.	2.0	14
111	Differences in range of motion with the same combined anteversion after total hip arthroplasty. <i>International Orthopaedics</i> , 2018, 42, 1021-1028.	1.9	14
112	Surgical Treatment for Cervical Diffuse Idiopathic Skeletal Hyperostosis as a Cause of Dysphagia. <i>Spine Surgery and Related Research</i> , 2018, 2, 197-201.	0.7	14
113	The effect of flexion alignment in total hip arthroplasty with a cementless tapered-wedge femoral stem. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2018, 28, 1625-1632.	1.4	14
114	Temozolomide regresses a doxorubicin-resistant undifferentiated spindle cell sarcoma patient-derived orthotopic xenograft (PDOX): precision oncology nude mouse model matching the patient with effective therapy. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 6598-6603.	2.6	14
115	The optimal combined anteversion pattern to achieve a favorable impingement-free angle in total hip arthroplasty. <i>Journal of Orthopaedic Science</i> , 2019, 24, 474-481.	1.1	14
116	Periodic injections of adipose-derived stem cell sheets attenuate osteoarthritis progression in an experimental rabbit model. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 691.	1.9	14
117	Clinical outcomes and survivals after total en bloc spondylectomy for metastatic leiomyosarcoma in the spine. <i>European Spine Journal</i> , 2020, 29, 3237-3244.	2.2	14
118	Differentiated adipose-derived stem cells promote peripheral nerve regeneration. <i>Muscle and Nerve</i> , 2020, 62, 119-127.	2.2	14
119	Primary Lymphoma of the Pelvis: A Case Report. <i>Journal of Orthopaedic Case Reports</i> , 2017, 7, 6-9.	0.1	14
120	Scaphoid Fracture - Overview and Conservative Treatment. <i>Hand Surgery</i> , 2015, 20, 204-209.	0.6	13
121	Computed tomography value and tunnel enlargement of round and rounded rectangular femoral bone tunnel for anterior cruciate ligament reconstruction. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2016, 136, 1587-1594.	2.4	13
122	Increase in Safe Zone Area of the Acetabular Cup Using Dual Mobility Cups in THA. <i>HIP International</i> , 2017, 27, 361-367.	1.7	13
123	Incidental durotomy during total en bloc spondylectomy. <i>Spine Journal</i> , 2018, 18, 381-386.	1.3	13
124	Prospective comparison of various radiological response criteria and pathological response to preoperative chemotherapy and survival in operable high-grade soft tissue sarcomas in the Japan Clinical Oncology Group study JCOG0304. <i>World Journal of Surgical Oncology</i> , 2018, 16, 162.	1.9	13
125	A prospective clinical trial to assess the accuracy of an MRI-based patient-specific acetabular instrument guide in total hip arthroplasty. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2019, 29, 65-71.	1.4	13
126	A retrospective study of antibacterial iodine-coated implants for postoperative infection. <i>Medicine (United States)</i> , 2019, 98, e17932.	1.0	13



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127	Safety range for acute limb lengthening in primary total hip arthroplasty. <i>International Orthopaedics</i> , 2019, 43, 2047-2056.	1.9	13
128	Phase II trial of pazopanib in patients with metastatic or unresectable chemoresistant sarcomas: A Japanese Musculoskeletal Oncology Group study. <i>Cancer Science</i> , 2020, 111, 3303-3312.	3.9	13
129	Improvement of locomotive syndrome with surgical treatment in patients with degenerative diseases in the lumbar spine and lower extremities: a prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 515.	1.9	13
130	Osteosarcoma Patient-derived Orthotopic Xenograft (PDOX) Models Used to Identify Novel and Effective Therapeutics: A Review. <i>Anticancer Research</i> , 2021, 41, 5865-5871.	1.1	13
131	A scoring system combining clinical, radiological, and histopathological examinations for differential diagnosis between lipoma and atypical lipomatous tumor/well-differentiated liposarcoma. <i>Scientific Reports</i> , 2022, 12, 237.	3.3	13
132	Growth Inhibition and Differentiation of Murine Melanoma B16-BL6 Cells Caused by the Combination of Cisplatin and Caffeine. <i>Japanese Journal of Cancer Research</i> , 1989, 80, 1246-1251.	1.7	12
133	Bone transport with frozen devitalized bone: an experimental study using rabbits and a clinical application. <i>Journal of Orthopaedic Science</i> , 2004, 9, 619-624.	1.1	12
134	Vitreous preservation of articular cartilage from cryoinjury in rabbits. <i>Cryobiology</i> , 2012, 65, 98-103.	0.7	12
135	Differences in Gait Characteristics of Patients with Lumbar Spinal Canal Stenosis (L4 Radiculopathy) and Those with Osteoarthritis of the Hip. <i>PLoS ONE</i> , 2015, 10, e0124745.	2.5	12
136	The outcomes of reconstruction using frozen autograft combined with iodine-coated implants for malignant bone tumors: compared with non-coated implants. <i>Japanese Journal of Clinical Oncology</i> , 2016, 46, 735-740.	1.3	12
137	Intra-articular osteoid osteoma of the calcaneus: a case report and review. <i>Radiology Case Reports</i> , 2016, 11, 212-216.	0.6	12
138	Psychological traits regarding competitiveness are related to the incidence of anterior cruciate ligament injury in high school female athletes. <i>Knee</i> , 2016, 23, 681-685.	1.6	12
139	Thoracic spondylolisthesis and spinal cord compression in diffuse idiopathic skeletal hyperostosis: a case report. <i>Journal of Medical Case Reports</i> , 2017, 11, 90.	0.8	12
140	Non-tuberculous Mycobacterium or Fungus Induced Chronic Tenosynovitis with Rice Body of the Hand. <i>Journal of hand surgery Asian-Pacific volume, The</i> , 2017, 22, 337-342.	0.4	12
141	Comparison with the osteoconductivity and bone-bonding ability of the iodine supported titanium, titanium with porous oxide layer and the titanium alloy in the rabbit model. <i>Journal of Orthopaedic Science</i> , 2018, 23, 585-591.	1.1	12
142	The Accuracy of the Computed Tomography-Based Navigation System in Total Hip Arthroplasty Is Comparable With Crowe Type IV and Crowe Type I Dysplasia: A Case-Control Study. <i>Journal of Arthroplasty</i> , 2019, 34, 2686-2691.	3.1	12
143	Histopathological study of the infrapatellar fat pad in the rat model of patellar tendinopathy: A basic study. <i>Knee</i> , 2019, 26, 14-19.	1.6	12
144	Use of ultrasonography to evaluate the dynamics of the infrapatellar fat pad after anterior cruciate ligament reconstruction: a feasibility study. <i>Journal of Medical Ultrasonics (2001)</i> , 2019, 46, 147-151.	1.3	12

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