

# Katsuhiko Hayashi

## List of Publications by Year in descending order

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312  
papers

7,193  
citations

50276

46  
h-index

102487

66  
g-index

323  
all docs

323  
docs citations

323  
times ranked

7139  
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunofluorescence detection of ezrin/radixin/moesin (ERM) proteins with their carboxyl-terminal threonine phosphorylated in cultured cells and tissues Application of a novel fixation protocol using trichloroacetic acid (TCA) as a fixative. <i>Journal of Cell Science</i> , 1999, 112, 1149-1158.	2.0	162
2	Etoposide prevents apoptosis in mouse liver with $\beta$ -galactosamine/lipopolysaccharide-induced fulminant hepatic failure resulting in reduction of lethality. <i>Hepatology</i> , 2001, 33, 1441-1450.	7.3	147
3	In vivo internal tumor illumination by telomerase-dependent adenoviral GFP for precise surgical navigation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14514-14517.	7.1	134
4	Cancer metastasis directly eradicated by targeted therapy with a modified <i>Salmonella typhimurium</i> . <i>Journal of Cellular Biochemistry</i> , 2009, 106, 992-998.	2.6	125
5	Monotherapy with a Tumor-Targeting Mutant of <i>S. typhimurium</i> Inhibits Liver Metastasis in a Mouse Model of Pancreatic Cancer. <i>Journal of Surgical Research</i> , 2010, 164, 248-255.	1.6	125
6	Real-time Imaging of Tumor-Cell Shedding and Trafficking in Lymphatic Channels. <i>Cancer Research</i> , 2007, 67, 8223-8228.	0.9	118
7	Induction of Cancer Metastasis by Cyclophosphamide Pretreatment of Host Mice: An Opposite Effect of Chemotherapy. <i>Cancer Research</i> , 2008, 68, 516-520.	0.9	115
8	Systemic targeting of primary bone tumor and lung metastasis of high-grade osteosarcoma in nude mice with a tumor-selective strain of <i>Salmonella typhimurium</i> . <i>Cell Cycle</i> , 2009, 8, 870-875.	2.6	113
9	Disparate Effects of Calcium Antagonists on Renal Microcirculation.. <i>Hypertension Research</i> , 1996, 19, 31-36.	2.7	112
10	Impaired myogenic responsiveness of the afferent arteriole in streptozotocin-induced diabetic rats. <i>Journal of the American Society of Nephrology: JASN</i> , 1992, 2, 1578-1586.	6.1	108
11	Efficacy of a genetically-modified <i>Salmonella typhimurium</i> in an orthotopic human pancreatic cancer in nude mice. <i>Anticancer Research</i> , 2009, 29, 1873-8.	1.1	106
12	Targeted therapy of spinal cord glioma with a genetically modified <i>Salmonella typhimurium</i> . <i>Cell Proliferation</i> , 2010, 43, 41-48.	5.3	100
13	Expression and localization of bone morphogenetic proteins (BMPs) and BMP receptors in ossification of the ligamentum flavum. <i>Bone</i> , 1997, 21, 23-30.	2.9	98
14	Effect of surface roughness of hydroxyapatite-coated titanium on the bone-implant interface shear strength. <i>Biomaterials</i> , 1994, 15, 1187-1191.	11.4	95
15	Comparison of bone-implant interface shear strength of solid hydroxyapatite and hydroxyapatite-coated titanium implants. <i>Journal of Biomedical Materials Research Part B</i> , 1993, 27, 557-563.	3.1	90
16	Pedicle frozen autograft reconstruction in malignant bone tumors. <i>Journal of Orthopaedic Science</i> , 2010, 15, 340-349.	1.1	87
17	Quantitative analysis of in vivo tissue responses to titanium-oxide- and hydroxyapatite-coated titanium alloy. <i>Journal of Biomedical Materials Research Part B</i> , 1991, 25, 515-523.	3.1	86
18	Rho and Rho-Kinase Activity in Adipocytes Contributes to a Vicious Cycle in Obesity That May Involve Mechanical Stretch. <i>Science Signaling</i> , 2011, 4, ra3.	3.6	85

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19	Mutations of the p53 and ras genes in childhood t(1;19)-acute lymphoblastic leukemia. <i>Blood</i> , 1995, 85, 2546-2552.	1.4	79
20	Current and Emerging Targets in Immunotherapy for Osteosarcoma. <i>Journal of Oncology</i> , 2019, 2019, 1-8.	1.3	79
21	The long-term outcome following the use of frozen autograft treated with liquid nitrogen in the management of bone and soft-tissue sarcomas. <i>Bone and Joint Journal</i> , 2014, 96-B, 555-561.	4.4	76
22	The paracrine effect of adipose-derived stem cells inhibits osteoarthritis progression. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 236.	1.9	76
23	Immunofluorescence detection of ezrin/radixin/moesin (ERM) proteins with their carboxyl-terminal threonine phosphorylated in cultured cells and tissues. <i>Journal of Cell Science</i> , 1999, 112 ( Pt 8), 1149-58.	2.0	72
24	Interferon treatment improves survival in chronic hepatitis C patients showing biochemical as well as virological responses by preventing liver-related death. <i>Journal of Viral Hepatitis</i> , 2004, 11, 148-156.	2.0	67
25	Activity of bone morphogenetic protein-7 after treatment at various temperatures: Freezing vs. pasteurization vs. allograft. <i>Cryobiology</i> , 2011, 63, 235-239.	0.7	67
26	Remodelling of bone around hydroxyapatite and titanium in experimental osteoporosis. <i>Biomaterials</i> , 1994, 15, 11-16.	11.4	66
27	Phase 1/2 study of immunotherapy with dendritic cells pulsed with autologous tumor lysate in patients with refractory bone and soft tissue sarcoma. <i>Cancer</i> , 2017, 123, 1576-1584.	4.1	65
28	Histological examination of frozen autograft treated by liquid nitrogen removed after implantation. <i>Journal of Orthopaedic Science</i> , 2009, 14, 761-768.	1.1	60
29	Over 10-year follow-up of functional outcome in patients with bone tumors reconstructed using distraction osteogenesis. <i>Journal of Orthopaedic Science</i> , 2013, 18, 101-109.	1.1	60
30	Interleukin-10 or tumor necrosis factor- $\beta$ polymorphisms and the natural course of hepatitis C virus infection in a hyperendemic area of Japan. <i>Cytokine</i> , 2006, 34, 24-31.	3.2	58
31	Three-Dimensional Analysis of Thoracic Apical Sagittal Alignment in Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2009, 34, 792-797.	2.0	58
32	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. <i>Cell Cycle</i> , 2018, 17, 801-809.	2.6	57
33	Re-evaluation of the biocompatibility of bioinert ceramics in vivo. <i>Biomaterials</i> , 1992, 13, 195-200.	11.4	56
34	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. <i>Cancer Letters</i> , 2018, 417, 168-173.	7.2	56
35	Uncultured adipose-derived regenerative cells promote peripheral nerve regeneration. <i>Journal of Orthopaedic Science</i> , 2013, 18, 145-151.	1.1	55
36	Altered myogenic responsiveness of the renal microvasculature in experimental hypertension. <i>Journal of Hypertension</i> , 1996, 14, 1387-1401.	0.5	53

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37	Reconstruction of intercalary bone defect after resection of malignant bone tumor. <i>Journal of Orthopaedic Surgery</i> , 2019, 27, 230949901983297.	1.0	53
38	Therapeutic Targets for Bone and Soft-Tissue Sarcomas. <i>International Journal of Molecular Sciences</i> , 2019, 20, 170.	4.1	52
39	The affinity of bone to hydroxyapatite and alumina in experimentally induced osteoporosis. <i>Journal of Arthroplasty</i> , 1989, 4, 257-262.	3.1	50
40	Fluorescent LYVE-1 Antibody to Image Dynamically Lymphatic Trafficking of Cancer Cells In Vivo. <i>Journal of Surgical Research</i> , 2009, 151, 68-73.	1.6	50
41	Oral Recombinant Methioninase Combined with Caffeine and Doxorubicin Induced Regression of a Doxorubicin-resistant Synovial Sarcoma in a PDOX Mouse Model. <i>Anticancer Research</i> , 2018, 38, 5639-5644.	1.1	50
42	Mechanism of action of the antiherpesvirus biflavone ginkgetin. <i>Antimicrobial Agents and Chemotherapy</i> , 1992, 36, 1890-1893.	3.2	49
43	Increased rate of death related to presence of viremia among hepatitis C virus antibody-positive subjects in a community-based cohort study. <i>Hepatology</i> , 2009, 50, 393-399.	7.3	49
44	Potential of the antitumor effect of calcium phosphate cement containing anticancer drug and caffeine on rat osteosarcoma. <i>Journal of Orthopaedic Science</i> , 2011, 16, 77-84.	1.1	49
45	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
46	Joint-preservation surgery for pediatric osteosarcoma of the knee joint. <i>Cancer and Metastasis Reviews</i> , 2019, 38, 709-722.	5.9	49
47	Early diagnostic potential for hepatocellular carcinoma using the SELDI ProteinChip system. <i>Hepatology</i> , 2007, 45, 948-956.	7.3	48
48	UV light killing efficacy of fluorescent protein-expressing cancer cells in vitro and in vivo. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 1439-1446.	2.6	48
49	The effect of hydroxyapatite coating on bony ingrowth into grooved titanium implants. <i>Biomaterials</i> , 1999, 20, 111-119.	11.4	47
50	MRI findings in patients with a cervical spinal cord injury who do not show radiographic evidence of a fracture or dislocation. <i>Spinal Cord</i> , 1995, 33, 212-215.	1.9	44
51	Real-time imaging of single cancer cell dynamics of lung metastasis. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 58-64.	2.6	44
52	The complement component C3a fragment is a potential biomarker for hepatitis C virus-related hepatocellular carcinoma. <i>Journal of Gastroenterology</i> , 2010, 45, 459-467.	5.1	42
53	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
54	Functional and radiological outcomes of a minimally invasive surgical approach to monostotic fibrous dysplasia. <i>World Journal of Surgical Oncology</i> , 2017, 15, 1.	1.9	41

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55	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
56	Caffeine induces apoptosis of osteosarcoma cells by inhibiting AKT/mTOR/S6K, NF- $\kappa$ B and MAPK pathways. <i>Anticancer Research</i> , 2012, 32, 3643-9.	1.1	40
57	Radiological assessment of the femoral bowing in Japanese population. <i>Sicot-j</i> , 2016, 2, 2.	1.8	39
58	Nitric Oxide Modulates but Does Not Impair Myogenic Vasoconstriction of the Afferent Arteriole in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 1995, 25, 1212-1219.	2.7	39
59	Inhibition of spontaneous and experimental lung metastasis of soft-tissue sarcoma by tumor-targeting <i>Salmonella typhimurium</i> A1-R. <i>Oncotarget</i> , 2014, 5, 12849-12861.	1.8	39
60	Extra-axial Ependymoma "Case Report". <i>Neurologia Medico-Chirurgica</i> , 1994, 34, 295-299.	2.2	38
61	Adipose-derived stem cell sheets accelerate bone healing in rat femoral defects. <i>PLoS ONE</i> , 2019, 14, e0214488.	2.5	38
62	Multiple factors contribute to acetylcholine-induced renal afferent arteriolar vasodilation during myogenic and norepinephrine- and KCl-induced vasoconstriction. Studies in the isolated perfused hydronephrotic kidney.. <i>Circulation Research</i> , 1994, 75, 821-828.	4.5	37
63	Effects of insulin on rat renal microvessels: Studies in the isolated perfused hydronephrotic kidney. <i>Kidney International</i> , 1997, 51, 1507-1513.	5.2	37
64	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
65	Long-term patient survival after the surgical treatment of bone and soft-tissue metastases from renal cell carcinoma. <i>Bone and Joint Journal</i> , 2018, 100-B, 1241-1248.	4.4	34
66	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
67	Tumor-targeting <i>Salmonella typhimurium</i> A1-R prevents experimental human breast cancer bone metastasis in nude mice. <i>Oncotarget</i> , 2014, 5, 7119-7125.	1.8	34
68	Fibrinolytic activity and species of plasminogen activator in human tears. <i>Experimental Eye Research</i> , 1988, 46, 131-137.	2.6	33
69	Color-coded real-time cellular imaging of lung T-lymphocyte accumulation and focus formation in a mouse asthma model. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 461-468.e6.	2.9	33
70	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
71	Bone-implant interface mechanics of in vivo bio-inert ceramics. <i>Biomaterials</i> , 1993, 14, 1173-1179.	11.4	32
72	Alanine aminotransferase level as a predictor of hepatitis C virus-associated hepatocellular carcinoma incidence in a community-based population in Japan. <i>International Journal of Cancer</i> , 2006, 119, 192-195.	5.1	32

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73	In vivo gene transfer between interacting human osteosarcoma cell lines is associated with acquisition of enhanced metastatic potential. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 362-367.	2.6	32
74	Caffeine-potentiated chemotherapy for patients with high-grade soft tissue sarcoma: long-term clinical outcome. <i>Anticancer Research</i> , 2007, 27, 3489-95.	1.1	32
75	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
76	Oral Recombinant Methioninase, Combined With Oral Caffeine and Injected Cisplatin, Overcome Cisplatin-Resistance and Regresses Patient-derived Orthotopic Xenograft Model of Osteosarcoma. <i>Anticancer Research</i> , 2019, 39, 4653-4657.	1.1	30
77	Recent Advances and Challenges in the Treatment of Rhabdomyosarcoma. <i>Cancers</i> , 2020, 12, 1758.	3.7	30
78	Inflammatory pseudotumor of the liver diagnosed by needle liver biopsy under ultrasonographic tomography guidance. <i>Journal of Gastroenterology</i> , 2000, 35, 641-645.	5.1	29
79	Functional outcome in patients with osteosarcoma around the knee joint treated by minimised surgery. <i>International Orthopaedics</i> , 2008, 32, 63-68.	1.9	29
80	Caffeine-potentiated chemotherapy for metastatic osteosarcoma. <i>Journal of Orthopaedic Science</i> , 2009, 14, 556-565.	1.1	29
81	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
82	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
83	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
84	Risk factors for surgical site infection after malignant bone tumor resection and reconstruction. <i>BMC Cancer</i> , 2019, 19, 33.	2.6	28
85	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
86	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
87	Uncultured Autogenous Adipose-derived Regenerative Cells Promote Bone Formation During Distraction Osteogenesis in Rats. <i>Clinical Orthopaedics and Related Research</i> , 2014, 472, 3798-3806.	1.5	27
88	Intercalary frozen autograft for reconstruction of malignant bone and soft tissue tumours. <i>International Orthopaedics</i> , 2017, 41, 1481-1487.	1.9	27
89	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
90	Prognostic Value of Histological Response to Chemotherapy in Osteosarcoma Patients Receiving Tumor-Bearing Frozen Autograft. <i>PLoS ONE</i> , 2013, 8, e71362.	2.5	27

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91	Fluorescence-guided surgery improves outcome in an orthotopic osteosarcoma nude-mouse model. <i>Journal of Orthopaedic Research</i> , 2014, 32, 1596-1601.	2.3	26
92	Hepatic imaging studies on patients with visceral larva migrans due to probable <i>Ascaris suum</i> infection. <i>Abdominal Imaging</i> , 1999, 24, 465-469.	2.0	25
93	Direct evidence that thromboxane mimetic U44069 preferentially constricts the afferent arteriole.. <i>Journal of the American Society of Nephrology: JASN</i> , 1997, 8, 25-31.	6.1	25
94	Ultrasound and CT diagnosis of intramural duodenal hematoma. <i>Pediatric Radiology</i> , 1988, 18, 167-168.	2.0	24
95	Breakdown corrosion potential of ceramic coated metal implants. <i>Journal of Biomedical Materials Research Part B</i> , 1990, 24, 1111-1113.	3.1	24
96	Hepatocellular carcinoma with sarcomatous change arising in primary biliary cirrhosis. <i>Journal of Gastroenterology</i> , 1997, 32, 95-101.	5.1	24
97	Caffeine activates tumor suppressor PTEN in sarcoma cells. <i>International Journal of Oncology</i> , 2011, 39, 465-72.	3.3	24
98	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
99	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
100	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
101	Cell-cycle fate-monitoring distinguishes individual chemosensitive and chemoresistant cancer cells in drug-treated heterogeneous populations demonstrated by real-time Fucci imaging. <i>Cell Cycle</i> , 2015, 14, 621-629.	2.6	23
102	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
103	Usefulness of a new immuno-radiometric assay to detect hepatitis C core antigen in a community-based population. <i>Journal of Viral Hepatitis</i> , 2005, 12, 106-110.	2.0	22
104	Functional outcomes after total scapulectomy for malignant bone or soft tissue tumors in the shoulder girdle. <i>International Journal of Clinical Oncology</i> , 2011, 16, 568-573.	2.2	22
105	Frozen Autograft-Prosthesis Composite Reconstruction in Malignant Bone Tumors. <i>Orthopedics</i> , 2015, 38, e911-8.	1.1	22
106	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
107	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
108	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



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109	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
110	Relationship between cellular ATP content and cellular functions of primary cultured rat hepatocytes in hypoxia. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 1997, 12, 249-256.	2.8	21
111	Dynamic color-coded fluorescence imaging of the cell-cycle phase, mitosis, and apoptosis demonstrates how caffeine modulates cisplatin efficacy. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 2454-2460.	2.6	21
112	Anti-tumor effects of a nonsteroidal anti-inflammatory drug zaltoprofen on chondrosarcoma via activating peroxisome proliferator-activated receptor gamma and suppressing matrix metalloproteinase-2 expression. <i>Cancer Medicine</i> , 2018, 7, 1944-1954.	2.8	21
113	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
114	Role of tight junctions of polarized epithelial MDCK cells in the replication of herpes simplex virus type 1. <i>Journal of Medical Virology</i> , 1995, 47, 323-329.	5.0	20
115	Imaging UVC-induced DNA damage response in models of minimal cancer. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 2493-2499.	2.6	20
116	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
117	Progress in biological reconstruction and enhanced bone revitalization for bone defects. <i>Journal of Orthopaedic Science</i> , 2019, 24, 387-392.	1.1	20
118	Treatment of a Simple Bone Cyst Using a Cannulated Hydroxyapatite Pin. <i>Medicine (United States)</i> , 2015, 94, e1027.	1.0	19
119	A color-coded orthotopic nude mouse treatment model of brain metastatic paralyzing spinal cord cancer that induces angiogenesis and neurogenesis. <i>Cell Proliferation</i> , 2009, 42, 75-82.	5.3	18
120	Caffeine-potentiated chemotherapy for clear cell sarcoma: a report of five cases. <i>International Journal of Clinical Oncology</i> , 2013, 18, 33-37.	2.2	18
121	Diagnosis and treatment of low-grade osteosarcoma: experience with nine cases. <i>International Journal of Clinical Oncology</i> , 2014, 19, 731-738.	2.2	18
122	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
123	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
124	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
125	Color-coded real-time subcellular fluorescence imaging of the interaction between cancer and host cells in live mice. <i>Anticancer Research</i> , 2012, 32, 39-43.	1.1	18
126	Treatment strategies for well-differentiated liposarcomas and therapeutic outcomes. <i>Anticancer Research</i> , 2012, 32, 1821-5.	1.1	18



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127	Spontaneous elimination of hepatitis C virus RNA in individuals with persistent infection in a hyperendemic area of Japan. <i>Hepatology Research</i> , 2006, 34, 28-34.	3.4	17
128	Dual-Color Imaging of Angiogenesis and Its Inhibition in Bone and Soft Tissue Sarcoma. <i>Journal of Surgical Research</i> , 2007, 140, 165-170.	1.6	17
129	A Novel Method to Apply Osteogenic Potential of Adipose Derived Stem Cells in Orthopaedic Surgery. <i>PLoS ONE</i> , 2014, 9, e88874.	2.5	17
130	Patient-derived orthotopic xenograft models of sarcoma. <i>Cancer Letters</i> , 2020, 469, 332-339.	7.2	17
131	Therapeutic Targets and Emerging Treatments in Advanced Chondrosarcoma. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1096.	4.1	17
132	Antiviral Agents of Plant Origin. Antiherpetic Activity of Acacetin. <i>Antiviral Chemistry and Chemotherapy</i> , 1993, 4, 49-53.	0.6	16
133	Impaired Nitric Oxide-Independent Dilation of Renal Afferent Arterioles in Spontaneously Hypertensive Rats.. <i>Hypertension Research</i> , 1999, 22, 31-37.	2.7	16
134	Anatomical basis of distally based anterolateral thigh flap. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2014, 48, 197-200.	0.8	16
135	Mid-term clinical outcome of giant cell tumor of bone treated with calcium phosphate cement following thorough curettage and phenolization. <i>Journal of Surgical Oncology</i> , 2018, 117, 1232-1238.	1.7	16
136	TNF- $\alpha$ and Tumor Lysate Promote the Maturation of Dendritic Cells for Immunotherapy for Advanced Malignant Bone and Soft Tissue Tumors. <i>PLoS ONE</i> , 2012, 7, e52926.	2.5	16
137	Clinical Outcome of Reconstruction Using Frozen Autograft for a Humeral Bone Tumor. <i>Anticancer Research</i> , 2016, 36, 6631-6636.	1.1	16
138	Effective Metabolic Targeting of Human Osteosarcoma Cells In Vitro and in Orthotopic Nude-mouse Models with Recombinant Methioninase. <i>Anticancer Research</i> , 2017, 37, 4807-4812.	1.1	16
139	Imaging the inhibition by anti- $\beta$ 1 integrin antibody of lung seeding of single osteosarcoma cells in live mice. <i>International Journal of Cancer</i> , 2012, 131, 2027-2033.	5.1	15
140	Efficacy of triplet regimen antiemetic therapy for chemotherapy-induced nausea and vomiting (CINV) in bone and soft tissue sarcoma patients receiving highly emetogenic chemotherapy, and an efficacy comparison of single-shot palonosetron and consecutive-day granisetron for CINV in a randomized, single-blind crossover study. <i>Cancer Medicine</i> , 2015, 4, 333-341.	2.8	15
141	Combination of oral recombinant methioninase and decitabine arrests a chemotherapy-resistant undifferentiated soft-tissue sarcoma patient-derived orthotopic xenograft mouse model. <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 135-139.	2.1	15
142	Combinational therapy with antibiotics and antibiotic-loaded adipose-derived stem cells reduce abscess formation in implant-related infection in rats. <i>Scientific Reports</i> , 2020, 10, 11182.	3.3	15
143	Prognostic Value of Radiological Response to Chemotherapy in Patients with Osteosarcoma. <i>PLoS ONE</i> , 2013, 8, e70015.	2.5	15
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