

# Shinji Miwa

## List of Publications by Year in descending order

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252  
papers

4,235  
citations

109137

35  
h-index

174990

52  
g-index

256  
all docs

256  
docs citations

256  
times ranked

3420  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy of tumor-targeting <i>Salmonella typhimurium</i> A1-R in combination with anti-angiogenesis therapy on a pancreatic cancer patient-derived orthotopic xenograft (PDOX) and cell line mouse models. <i>Oncotarget</i> , 2014, 5, 12346-12357.	0.8	128
2	Successful Fluorescence-Guided Surgery on Human Colon Cancer Patient-Derived Orthotopic Xenograft Mouse Models Using a Fluorophore-Conjugated Anti-CEA Antibody and a Portable Imaging System. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2014, 24, 241-247.	0.5	117
3	Establishment of a Patient-Derived Orthotopic Xenograft (PDOX) Model of HER-2-Positive Cervical Cancer Expressing the Clinical Metastatic Pattern. <i>PLoS ONE</i> , 2015, 10, e0117417.	1.1	105
4	Tumor-targeting <i>Salmonella typhimurium</i> A1-R decoys quiescent cancer cells to cycle as visualized by FUCCI imaging and become sensitive to chemotherapy. <i>Cell Cycle</i> , 2014, 13, 3958-3963.	1.3	96
5	Efficacy of <i>Salmonella typhimurium</i> A1-R Versus Chemotherapy on a Pancreatic Cancer Patient-Derived Orthotopic Xenograft (PDOX). <i>Journal of Cellular Biochemistry</i> , 2014, 115, 1254-1261.	1.2	93
6	Current and Emerging Targets in Immunotherapy for Osteosarcoma. <i>Journal of Oncology</i> , 2019, 2019, 1-8.	0.6	79
7	Comparison of efficacy of <i>Salmonella typhimurium</i> A1-R and chemotherapy on stem-like and non-stem human pancreatic cancer cells. <i>Cell Cycle</i> , 2013, 12, 2774-2780.	1.3	78
8	Tumor-Targeting <i>Salmonella typhimurium</i> A1-R Arrests a Chemo-Resistant Patient Soft-Tissue Sarcoma in Nude Mice. <i>PLoS ONE</i> , 2015, 10, e0134324.	1.1	78
9	Hand-held high-resolution fluorescence imaging system for fluorescence-guided surgery of patient and cell-line pancreatic tumors growing orthotopically in nude mice. <i>Journal of Surgical Research</i> , 2014, 187, 510-517.	0.8	71
10	Risk Factors of Recurrent Lumbar Disk Herniation. <i>Journal of Spinal Disorders and Techniques</i> , 2015, 28, E265-E269.	1.8	70
11	Spatial-temporal FUCCI imaging of each cell in a tumor demonstrates locational dependence of cell cycle dynamics and chemoresponsiveness. <i>Cell Cycle</i> , 2014, 13, 2110-2119.	1.3	69
12	Activity of bone morphogenetic protein-7 after treatment at various temperatures: Freezing vs. pasteurization vs. allograft. <i>Cryobiology</i> , 2011, 63, 235-239.	0.3	67
13	Invading cancer cells are predominantly in G <sub>0</sub> /G <sub>1</sub> resulting in chemoresistance demonstrated by real-time FUCCI imaging. <i>Cell Cycle</i> , 2014, 13, 953-960.	1.3	67
14	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.	2.0	65
15	Patient-derived orthotopic xenograft (PDOX) nude mouse model of soft-tissue sarcoma more closely mimics the patient behavior in contrast to the subcutaneous ectopic model. <i>Anticancer Research</i> , 2015, 35, 697-701.	0.5	63
16	Tumor-targeting <i>Salmonella typhimurium</i> A1-R arrests growth of breast-cancer brain metastasis. <i>Oncotarget</i> , 2015, 6, 2615-2622.	0.8	59
17	Theobromine, the Primary Methylxanthine Found in <i>Theobroma cacao</i> , Prevents Malignant Glioblastoma Proliferation by Negatively Regulating Phosphodiesterase-4, Extracellular Signal-regulated Kinase, Akt/mammalian Target of Rapamycin Kinase, and Nuclear Factor-Kappa B. <i>Nutrition and Cancer</i> , 2014, 66, 419-423.	0.9	57
18	Tumor-targeting <i>Salmonella typhimurium</i> 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.	1.3	57

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19	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.	3.2	56
20	Intraperitoneal administration of tumor-targeting <i>Salmonella typhimurium</i> A1-R inhibits disseminated human ovarian cancer and extends survival in nude mice. <i>Oncotarget</i> , 2015, 6, 11369-11377.	0.8	55
21	Therapeutic Targets for Bone and Soft-Tissue Sarcomas. <i>International Journal of Molecular Sciences</i> , 2019, 20, 170.	1.8	52
22	Color-coding cancer and stromal cells with genetic reporters in a patient-derived orthotopic xenograft (PDOX) model of pancreatic cancer enhances fluorescence-guided surgery. <i>Cancer Gene Therapy</i> , 2015, 22, 344-350.	2.2	50
23	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.	0.5	50
24	Tumor-Targeting <i>Salmonella typhimurium</i> A1-R in Combination with Trastuzumab Eradicates HER-2-Positive Cervical Cancer Cells in Patient-Derived Mouse Models. <i>PLoS ONE</i> , 2015, 10, e0120358.	1.1	49
25	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.	1.3	49
26	Joint-preservation surgery for pediatric osteosarcoma of the knee joint. <i>Cancer and Metastasis Reviews</i> , 2019, 38, 709-722.	2.7	49
27	Efficacy of tumor-targeting <i>Salmonella typhimurium</i> A1-R on nude mouse models of metastatic and disseminated human ovarian cancer. <i>Journal of Cellular Biochemistry</i> , 2014, 115, n/a-n/a.	1.2	47
28	Targeting tumors with a killer-reporter adenovirus for curative fluorescence-guided surgery of soft-tissue sarcoma. <i>Oncotarget</i> , 2015, 6, 13133-13148.	0.8	45
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.	1.3	41
30	Functional and radiological outcomes of a minimally invasive surgical approach to monostotic fibrous dysplasia. <i>World Journal of Surgical Oncology</i> , 2017, 15, 1.	0.8	41
31	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.	0.5	40
32	Radiological assessment of the femoral bowing in Japanese population. <i>Sicot-j</i> , 2016, 2, 2.	0.8	39
33	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.	0.8	39
34	Nestin-Expressing Stem Cells Promote Nerve Growth in Long-Term 3-Dimensional Gelfoam <sup>®</sup> -Supported Histoculture. <i>PLoS ONE</i> , 2013, 8, e67153.	1.1	38
35	Experimental Curative Fluorescence-guided Surgery of Highly Invasive Glioblastoma Multiforme Selectively Labeled With a Killer-reporter Adenovirus. <i>Molecular Therapy</i> , 2015, 23, 1182-1188.	3.7	37
36	Improved Resection and Outcome of Colon-Cancer Liver Metastasis with Fluorescence-Guided Surgery Using In Situ GFP Labeling with a Telomerase-Dependent Adenovirus in an Orthotopic Mouse Model. <i>PLoS ONE</i> , 2016, 11, e0148760.	1.1	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.	1.2	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.	1.0	34
39	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.	0.8	34
40	Cancer cells mimic <i>in vivo</i> spatial-temporal cell-cycle phase distribution and chemosensitivity in 3-dimensional Gelfoam® histoculture but not 2-dimensional culture as visualized with real-time FUCCI imaging. <i>Cell Cycle</i> , 2015, 14, 808-819.	1.3	33
41	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.	0.8	33
42	Practical use of imaging technique for management of bone and soft tissue tumors. <i>Journal of Orthopaedic Science</i> , 2017, 22, 391-400.	0.5	32
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.	1.2	30
44	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.	0.5	30
45	Recent Advances and Challenges in the Treatment of Rhabdomyosarcoma. <i>Cancers</i> , 2020, 12, 1758.	1.7	30
46	Precise navigation surgery of tumours in the lung in mouse models enabled by <i>in situ</i> fluorescence labelling with a killer-reporter adenovirus. <i>BMJ Open Respiratory Research</i> , 2015, 2, e000096.	1.2	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.	1.0	29
48	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.	1.0	28
49	Risk factors for surgical site infection after malignant bone tumor resection and reconstruction. <i>BMC Cancer</i> , 2019, 19, 33.	1.1	28
50	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.	2.5	28
51	Glycogen synthase kinase $\beta$ as a potential therapeutic target in synovial sarcoma and fibrosarcoma. <i>Cancer Science</i> , 2020, 111, 429-440.	1.7	28
52	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.	1.1	27
53	Prognostic Value of Histological Response to Chemotherapy in Osteosarcoma Patients Receiving Tumor-Bearing Frozen Autograft. <i>PLoS ONE</i> , 2013, 8, e71362.	1.1	27
54	Fluorescence-Guided Surgery in Combination with UVC Irradiation Cures Metastatic Human Pancreatic Cancer in Orthotopic Mouse Models. <i>PLoS ONE</i> , 2014, 9, e99977.	1.1	26

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55	Fluorescence-guided surgery improves outcome in an orthotopic osteosarcoma nude-mouse model. <i>Journal of Orthopaedic Research</i> , 2014, 32, 1596-1601.	1.2	26
56	Caffeine activates tumor suppressor PTEN in sarcoma cells. <i>International Journal of Oncology</i> , 2011, 39, 465-72.	1.4	24
57	Sorafenib and Palbociclib Combination Regresses a Cisplatin-resistant Osteosarcoma in a PDOX Mouse Model. <i>Anticancer Research</i> , 2019, 39, 4079-4084.	0.5	24
58	PPAR $\beta$ Agonist Pioglitazone in Combination With Cisplatin Arrests a Chemotherapy-resistant Osteosarcoma PDOX Model. <i>Cancer Genomics and Proteomics</i> , 2020, 17, 35-40.	1.0	24
59	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.	0.8	24
60	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.	1.3	23
61	Treatment of aneurysmal bone cysts using endoscopic curettage. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 268.	0.8	23
62	Efficacy of glycogen synthase kinase-3 $\beta$ targeting against osteosarcoma via activation of $\beta$ -catenin. <i>Oncotarget</i> , 2016, 7, 77038-77051.	0.8	23
63	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.	1.0	22
64	Frozen Autograft-Prosthesis Composite Reconstruction in Malignant Bone Tumors. <i>Orthopedics</i> , 2015, 38, e911-8.	0.5	22
65	Combination Treatment With Sorafenib and Everolimus Regresses a Doxorubicin-resistant Osteosarcoma in a PDOX Mouse Model. <i>Anticancer Research</i> , 2019, 39, 4781-4786.	0.5	22
66	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.	0.8	22
67	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.	0.8	22
68	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.	1.2	21
69	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.	1.3	21
70	Growth of epiphysis after epiphyseal-preservation surgery for childhood osteosarcoma around the knee joint. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 185.	0.8	21
71	Imaging UVC-induced DNA damage response in models of minimal cancer. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 2493-2499.	1.2	20
72	Epiphyseal Sparing and Reconstruction by Frozen Bone Autograft after Malignant Bone Tumor Resection in Children. <i>Sarcoma</i> , 2015, 2015, 1-8.	0.7	20

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73	Treatment of simple bone cysts using endoscopic curettage: a case series analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 168.	0.9	20
74	Comparison of UVB and UVC Effects on the DNA Damage-Response Protein 53BP1 in Human Pancreatic Cancer. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 1724-1728.	1.2	19
75	Treatment of a Simple Bone Cyst Using a Cannulated Hydroxyapatite Pin. <i>Medicine (United States)</i> , 2015, 94, e1027.	0.4	19
76	Activation of tumor suppressor protein PTEN and induction of apoptosis are involved in cAMP-mediated inhibition of cell number in B92 glial cells. <i>Neuroscience Letters</i> , 2011, 497, 55-59.	1.0	18
77	Diagnosis and treatment of low-grade osteosarcoma: experience with nine cases. <i>International Journal of Clinical Oncology</i> , 2014, 19, 731-738.	1.0	18
78	Eradication of osteosarcoma by fluorescence-guided surgery with tumor labeling by a killer-reporter adenovirus. <i>Journal of Orthopaedic Research</i> , 2016, 34, 836-844.	1.2	18
79	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.	0.8	18
80	Knee joint preservation surgery in osteosarcoma using tumour-bearing bone treated with liquid nitrogen. <i>International Orthopaedics</i> , 2017, 41, 2189-2197.	0.9	18
81	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.	1.7	18
82	Patient-derived orthotopic xenograft models of sarcoma. <i>Cancer Letters</i> , 2020, 469, 332-339.	3.2	17
83	Therapeutic Targets and Emerging Treatments in Advanced Chondrosarcoma. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1096.	1.8	17
84	Mid- to long-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.	0.8	16
85	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.	1.1	16
86	Fluorescence-guided surgery of a highly-metastatic variant of human triple-negative breast cancer targeted with a cancer-specific GFP adenovirus prevents recurrence. <i>Oncotarget</i> , 2016, 7, 75635-75647.	0.8	16
87	Clinical Outcome of Reconstruction Using Frozen Autograft for a Humeral Bone Tumor. <i>Anticancer Research</i> , 2016, 36, 6631-6636.	0.5	16
88	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.	0.5	16
89	Targeted activation of PKA and Epac promotes glioblastoma regression in vitro. <i>Molecular and Clinical Oncology</i> , 2013, 1, 281-285.	0.4	15
90	The Tumor-Educated-Macrophage Increase of Malignancy of Human Pancreatic Cancer Is Prevented by Zoledronic Acid. <i>PLoS ONE</i> , 2014, 9, e103382.	1.1	15

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91	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.	1.0	15
92	Prognostic Value of Radiological Response to Chemotherapy in Patients with Osteosarcoma. <i>PLoS ONE</i> , 2013, 8, e70015.	1.1	15
93	Low-grade malignant soft-tissue perineurioma: Interphase fluorescence <i>in situ</i> hybridization. <i>Pathology International</i> , 2008, 58, 718-722.	0.6	14
94	Use of <sup>99m</sup> Tc-MIBI scintigraphy in the evaluation of the response to chemotherapy for osteosarcoma: comparison with <sup>201</sup> Tl scintigraphy and angiography. <i>International Journal of Clinical Oncology</i> , 2011, 16, 373-378.	1.0	14
95	Surgical management of proximal fibular tumors: A report of 12 cases. <i>Journal of Bone Oncology</i> , 2016, 5, 163-166.	1.0	14
96	Current status of immunotherapy for sarcomas. <i>Immunotherapy</i> , 2017, 9, 1331-1338.	1.0	14
97	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.	1.2	14
98	Single cell time-lapse imaging of focus formation by the DNA damage-response protein 53BP1 after UVC irradiation of human pancreatic cancer cells. <i>Anticancer Research</i> , 2013, 33, 1373-7.	0.5	14
99	A novel combined radiological method for evaluation of the response to chemotherapy for primary bone sarcoma. <i>Journal of Surgical Oncology</i> , 2012, 106, 273-279.	0.8	13
100	Fluorescence-guided surgery of prostate cancer bone metastasis. <i>Journal of Surgical Research</i> , 2014, 192, 124-133.	0.8	13
101	Osteosarcoma Patient-derived Orthotopic Xenograft (PDOX) Models Used to Identify Novel and Effective Therapeutics: A Review. <i>Anticancer Research</i> , 2021, 41, 5865-5871.	0.5	13
102	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.	1.6	13
103	Tumor-targeting <i>Salmonella typhimurium</i> A1-R inhibits human prostate cancer experimental bone metastasis in mouse models. <i>Oncotarget</i> , 2015, 6, 31335-31343.	0.8	12
104	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.	0.6	12
105	Combination Methionine-methylation-axis Blockade: A Novel Approach to Target the Methionine Addiction of Cancer. <i>Cancer Genomics and Proteomics</i> , 2021, 18, 113-120.	1.0	12
106	Osteosarcoma Cells Enhance Angiogenesis Visualized by Color-Coded Imaging in the In Vivo Gelfoam® Assay. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 1490-1494.	1.2	11
107	Symptomatic small schwannoma is a risk factor for surgical complications and correlates with difficulty of enucleation. <i>SpringerPlus</i> , 2015, 4, 751.	1.2	11
108	The usefulness of wide excision assisted by a computer navigation system and reconstruction using a frozen bone autograft for malignant acetabular bone tumors: a report of two cases. <i>BMC Cancer</i> , 2018, 18, 1036.	1.1	11

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109	Olaratumab combined with doxorubicin and ifosfamide overcomes individual doxorubicin and olaratumab resistance of an undifferentiated soft-tissue sarcoma in a PDOX mouse model. <i>Cancer Letters</i> , 2019, 451, 122-127.	3.2	11
110	Effectiveness of Two Novel Anionic and Cationic Platinum Complexes in the Treatment of Osteosarcoma. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015, 15, 390-399.	0.9	11
111	Desmoplastic small round cell tumour successfully treated with caffeine-assisted chemotherapy: a case report and review of the literature. <i>Anticancer Research</i> , 2010, 30, 3769-74.	0.5	11
112	Spontaneous shrinkage of solitary osteochondromas. <i>Skeletal Radiology</i> , 2018, 47, 61-68.	1.2	10
113	Treatment outcomes of the simple bone cyst. <i>Medicine (United States)</i> , 2018, 97, e0572.	0.4	10
114	Successful treatment of pathologic femoral shaft fracture associated with large arteriovenous malformations using a 3-dimensional external fixator and teriparatide: a case report. <i>BMC Surgery</i> , 2019, 19, 35.	0.6	10
115	Osimertinib Regresses an EGFR-Mutant Cisplatinum-Resistant Lung Adenocarcinoma Growing in the Brain in Nude Mice. <i>Translational Oncology</i> , 2019, 12, 640-645.	1.7	10
116	The combination of gemcitabine and nab-paclitaxel as a novel effective treatment strategy for undifferentiated soft-tissue sarcoma in a patient-derived orthotopic xenograft (PDOX) nude-mouse model. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 835-840.	2.5	10
117	The process of bone regeneration from devitalization to revitalization after pedicle freezing with immunohistochemical and histological examination in rabbits. <i>Cryobiology</i> , 2020, 92, 130-137.	0.3	10
118	Clinical course of grafted cartilage in osteoarticular frozen autografts for reconstruction after resection of malignant bone and soft-tissue tumor involving an epiphysis. <i>Journal of Bone Oncology</i> , 2020, 24, 100310.	1.0	10
119	Low-grade myofibroblastic sarcoma of the levator scapulae muscle: a case report and literature review. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 836.	0.8	10
120	Fluorescence-Guided Surgery of Retroperitoneal-Implanted Human Fibrosarcoma in Nude Mice Delays or Eliminates Tumor Recurrence and Increases Survival Compared to Bright-Light Surgery. <i>PLoS ONE</i> , 2015, 10, e0116865.	1.1	10
121	Pathogenesis of Osteosclerotic Change Following Treatment with an Antibody Against RANKL for Giant Cell Tumour of the Bone. <i>Anticancer Research</i> , 2017, 37, 748-754.	0.5	10
122	Antimetastatic Efficacy of the Combination of Caffeine and Valproic Acid on an Orthotopic Human Osteosarcoma Cell Line Model in Nude Mice. <i>Anticancer Research</i> , 2017, 37, 1005-1012.	0.5	10
123	Balancing Prolonged Survival with QoL Using Low-dose Pazopanib Maintenance: A Comparison with the PALETTE Study. <i>Anticancer Research</i> , 2016, 36, 2893-7.	0.5	10
124	Do Mesenchymal Stem Cells Derived From Atypical Lipomatous Tumors Have Greater Differentiation Potency Than Cells From Normal Adipose Tissues?. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 1693-1701.	0.7	9
125	Clinical outcomes of radiotherapy + chemotherapy for soft tissue sarcoma compared to a soft tissue sarcoma registry in Japan: a retrospective matched-pair cohort study. <i>Cancer Medicine</i> , 2018, 7, 1560-1571.	1.3	9
126	Distribution of Solitary and Multiple Enchondromas of the Hand. <i>In Vivo</i> , 2019, 33, 2235-2240.	0.6	9



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127	Secondary Osteoarthritis After Curettage and Calcium Phosphate Cementing for Giant-Cell Tumor of Bone Around the Knee Joint. <i>JBJS Open Access</i> , 2020, 5, e19.00068-e19.00068.	0.8	9
128	Risk Factors for Postoperative Deep Infection After Malignant Bone Tumor Surgery of the Extremities. <i>Anticancer Research</i> , 2020, 40, 3551-3557.	0.5	8
129	Clinical outcomes of frozen autograft reconstruction for the treatment of primary bone sarcoma in adolescents and young adults. <i>Scientific Reports</i> , 2021, 11, 17291.	1.6	8
130	Risk factors for postoperative deep infection in bone tumors. <i>PLoS ONE</i> , 2017, 12, e0187438.	1.1	8
131	A color-coded imaging model of the interaction of $\alpha v$ integrin-GFP expressed in osteosarcoma cells and RFP expressing blood vessels in Gelfoam <sup>®</sup> vascularized in vivo. <i>Anticancer Research</i> , 2013, 33, 1361-6.	0.5	8
132	Fluorescence-guided surgery of human prostate cancer experimental bone metastasis in nude mice using anti-CEA DyLight 650 for tumor illumination. <i>Journal of Orthopaedic Research</i> , 2016, 34, 559-565.	1.2	7
133	The linea aspera as a guide for femoral rotation after tumor resection: is it directly posterior? A technical note. <i>Journal of Orthopaedics and Traumatology</i> , 2016, 17, 255-259.	1.0	7
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