Rita A Kandel

List of Publications by Year
in descending order

183	11,246	36303	32842
papers	citations	51 h-index	100 g-index

192	192	192	9757
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preoperative versus postoperative radiotherapy in soft-tissue sarcoma of the limbs: a randomised trial. Lancet, The, 2002, 359, 2235-2241.	13.7	1,340
2	Late radiation morbidity following randomization to preoperative versus postoperative radiotherapy in extremity soft tissue sarcoma. Radiotherapy and Oncology, 2005, 75, 48-53.	0.6	583
3	Engineering Complex Tissues. Tissue Engineering, 2006, 12, 3307-3339.	4.6	513
4	HISTOLOGICAL ASSESSMENT OF CARTILAGE REPAIR. Journal of Bone and Joint Surgery - Series A, 2003, 85, 45-57.	3.0	485
5	Malignant Gastrointestinal Stromal Tumors of the Small Intestine: A Review of 50 Cases From a Prospective Database. Annals of Surgical Oncology, 2001, 8, 50-59.	1.5	292
6	A New Histology Scoring System for the Assessment of the Quality of Human Cartilage Repair: ICRS II. American Journal of Sports Medicine, 2010, 38, 880-890.	4.2	250
7	Residual Disease following Unplanned Excision of a Soft-Tissue Sarcoma of an Extremity*. Journal of Bone and Joint Surgery - Series A, 1996, 78, 650-5.	3.0	244
8	Tumor Necrosis FactorÎ± Modulates Matrix Production and Catabolism in Nucleus Pulposus Tissue. Spine, 2005, 30, 1940-1948.	2.0	238
9	Defining the phenotype of young healthy nucleus pulposus cells: Recommendations of the Spine Research Interest Group at the 2014 annual ORS meeting. Journal of Orthopaedic Research, 2015, 33, 283-293.	2.3	226
10	Initial results of a trial of preoperative external-beam radiation therapy and postoperative brachytherapy for retroperitoneal sarcoma. Annals of Surgical Oncology, 2002, 9, 346-354.	1.5	201
11	Side Population Cells Isolated from Mesenchymal Neoplasms Have Tumor Initiating Potential. Cancer Research, 2007, 67, 8216-8222.	0.9	194
12	Tissue engineering and the intervertebral disc: the challenges. European Spine Journal, 2008, 17, 480-491.	2.2	192
13	Phase 2 study of preoperative imageâ€guided intensityâ€modulated radiation therapy to reduce wound and combined modality morbidities in lower extremity soft tissue sarcoma. Cancer, 2013, 119, 1878-1884.	4.1	187
14	Histological assessment of cartilage repair: a report by the Histology Endpoint Committee of the International Cartilage Repair Society (ICRS). Journal of Bone and Joint Surgery - Series A, 2003, 85-A Suppl 2, 45-57.	3.0	177
15	Generation of articular chondrocytes from human pluripotent stem cells. Nature Biotechnology, 2015, 33, 638-645.	17.5	171
16	Cartilage T2 Assessment: Differentiation of Normal Hyaline Cartilage and Reparative Tissue after Arthroscopic Cartilage Repair in Equine Subjects. Radiology, 2006, 241, 407-414.	7.3	169
17	Longâ€term intermittent shear deformation improves the quality of cartilaginous tissue formed in vitro. Journal of Orthopaedic Research, 2003, 21, 590-596.	2.3	158
18	Radiosensitivity translates into excellent local control in extremity myxoid liposarcoma. Cancer, 2009, 115, 3254-3261.	4.1	144

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19	The impact of residual disease on local recurrence in patients treated by initial unplanned resection for soft tissue sarcoma of the extremity. , 1997, 66, 81-87.		143
20	Histologic assessment of peritumoral edema in soft tissue sarcoma. International Journal of Radiation Oncology Biology Physics, 2005, 61, 1439-1445.	0.8	143
21	Lymph Node Metastasis in Soft Tissue Sarcoma in an Extremity. Clinical Orthopaedics and Related Research, 2004, 426, 129-134.	1.5	140
22	Radiation response: An additional unique signature of myxoid liposarcoma. International Journal of Radiation Oncology Biology Physics, 2004, 60, 522-526.	0.8	136
23	Characterization of cartilagenous tissue formed on calcium polyphosphate substrates in vitro. Journal of Biomedical Materials Research Part B, 2002, 62, 323-330.	3.1	133
24	Long-Term Intermittent Compressive Stimulation Improves the Composition and Mechanical Properties of Tissue-Engineered Cartilage. Tissue Engineering, 2004, 10, 1323-1331.	4.6	132
25	International Cartilage Repair Society (ICRS) Recommended Guidelines for Histological Endpoints for Cartilage Repair Studies in Animal Models and Clinical Trials. Cartilage, 2011, 2, 153-172.	2.7	130
26	EFFECT OF BIOMECHANICAL CONDITIONING ON CARTILAGINOUS TISSUE FORMATION IN VITRO. Journal of Bone and Joint Surgery - Series A, 2003, 85, 101-105.	3.0	127
27	Radiographic, CT, and MR Imaging Features of Dedifferentiated Chondrosarcomas: A Retrospective Review of 174 De Novo Cases. Radiographics, 2004, 24, 1397-1409.	3.3	118
28	Differential regulation of matrix degrading enzymes in a TNFÎ±-induced model of nucleus pulposus tissue degeneration. Matrix Biology, 2006, 25, 409-418.	3.6	114
29	Specification of chondrocytes and cartilage tissues from embryonic stem cells. Development (Cambridge), 2013, 140, 2597-2610.	2.5	103
30	Immunohistochemical Detection of c-erbB-2 and p53 in Benign Breast Disease and Breast Cancer Risk. Journal of the National Cancer Institute, 1998, 90, 1262-1269.	6.3	102
31	Solid freeform fabrication and characterization of porous calcium polyphosphate structures for tissue engineering purposes. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2010, 93B, 510-519.	3.4	100
32	A multi-center prospective cohort study of benign breast disease and risk of subsequent breast cancer. Cancer Causes and Control, 2010, 21, 821-828.	1.8	97
33	The Surgical and Functional Outcome of Limb-Salvage Surgery With Vascular Reconstruction for Soft Tissue Sarcoma of the Extremity. Annals of Surgical Oncology, 2005, 12, 1102-1110.	1.5	92
34	The use of specific chondrocyte populations to modulate the properties of tissue-engineered cartilage. Journal of Orthopaedic Research, 2003, 21, 132-138.	2.3	87
35	Tissue Engineered Nucleus Pulposus Tissue Formed on a Porous Calcium Polyphosphate Substrate. Spine, 2004, 29, 1299-1306.	2.0	86
36	Giant cell tumor of bone express p63. Modern Pathology, 2008, 21, 369-375.	5.5	81

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37	TNF-Î± Induces MMP2 Gelatinase Activity and MT1-MMP Expression in an In Vitro Model of Nucleus Pulposus Tissue Degeneration. Spine, 2008, 33, 356-365.	2.0	77
38	Carbonic Anhydrase IX as a Marker for Poor Prognosis in Soft Tissue Sarcoma. Clinical Cancer Research, 2004, 10, 4464-4471.	7.0	76
39	Characterization of a biodegradable electrospun polyurethane nanofiber scaffold: Mechanical properties and cytotoxicity. Acta Biomaterialia, 2010, 6, 3847-3855.	8.3	72
40	The influence of anatomic location on outcome in patients with soft tissue sarcoma of the extremity. Cancer, 2003, 97, 485-492.	4.1	70
41	Formation of a nucleus pulposus-cartilage endplate construct in vitro. Biomaterials, 2006, 27, 397-405.	11.4	68
42	Polar surface chemistry of nanofibrous polyurethane scaffold affects annulus fibrosus cell attachment and early matrix accumulation. Journal of Biomedical Materials Research - Part A, 2009, 91A, 1089-1099.	4.0	66
43	Characterization of proteoglycan accumulation during formation of cartilagenous tissue in vitro. Osteoarthritis and Cartilage, 1995, 3, 117-125.	1.3	65
44	Effect of material geometry on cartilagenous tissue formationin vitro. Journal of Biomedical Materials Research Part B, 2001, 57, 190-199.	3.1	65
45	Integration of Tissue-engineered Cartilage With Host Cartilage: An In Vitro Model. Clinical Orthopaedics and Related Research, 2011, 469, 2785-2795.	1.5	65
46	The response of annulus fibrosus cell to fibronectin-coated nanofibrous polyurethane-anionic dihydroxyoligomer scaffolds. Biomaterials, 2011, 32, 450-460.	11.4	65
47	Effect of Sodium Bicarbonate on Extracellular pH, Matrix Accumulation, and Morphology of Cultured Articular Chondrocytes. Tissue Engineering, 2004, 10, 1633-1640.	4.6	64
48	Enhancing annulus fibrosus tissue formation in porous silk scaffolds. Journal of Biomedical Materials Research - Part A, 2010, 92A, 43-51.	4.0	63
49	Multi-axial mechanical stimulation of tissue engineered cartilage: Review. , 2007, 13, 66-75.		62
50	Toward Observation as First-line Management in Abdominal Desmoid Tumors. Annals of Surgical Oncology, 2016, 23, 2212-2219.	1.5	58
51	Composition of cartilagenous tissue with mineralized and non-mineralized zones formed in vitro. Biomaterials, 1997, 18, 1425-1431.	11.4	54
52	In Vitro Cartilage Tissue Formation by Co-culture of Primary and Passaged Chondrocytes. Tissue Engineering, 2007, 13, 831-842.	4.6	54
53	Osteoid-Producing Tumors of Bone. Seminars in Musculoskeletal Radiology, 2000, Volume 4, 0025-0044.	0.7	53
54	von Willebrand factor expression in osteosarcoma metastasis. Modern Pathology, 2005, 18, 388-397.	5.5	49

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55	Application of stem cells in bone repair. Skeletal Radiology, 2008, 37, 601-608.	2.0	48
56	Long-Range PCR and Next-Generation Sequencing of BRCA1 and BRCA2 in Breast Cancer. Journal of Molecular Diagnostics, 2012, 14, 467-475.	2.8	48
57	Granular cell tumor of the extremity: magnetic resonance imaging characteristics with pathologic correlation. Skeletal Radiology, 2005, 34, 625-631.	2.0	46
58	The incorporation of a zone of calcified cartilage improves the interfacial shear strength between in vitro-formed cartilage and the underlying substrate. Acta Biomaterialia, 2012, 8, 1603-1615.	8.3	45
59	Cartilage Tissue Formation Using Redifferentiated Passaged ChondrocytesIn Vitro. Tissue Engineering - Part A, 2009, 15, 665-673.	3.1	42
60	Highâ€risk extracranial chondrosarcoma. Cancer, 2011, 117, 2513-2519.	4.1	42
61	Interplay between cytoskeletal polymerization and the chondrogenic phenotype in chondrocytes passaged in monolayer culture. Journal of Anatomy, 2017, 230, 234-248.	1.5	42
62	Calcium regulates cyclic compression-induced early changes in chondrocytes during in vitro cartilage tissue formation. Cell Calcium, 2010, 48, 232-242.	2.4	41
63	Characterization of nucleus pulposus-like tissue formed in vitro. Journal of Orthopaedic Research, 2001, 19, 1078-1084.	2.3	40
64	Effect of radiation and cell implantation on wound healing in a rat model. Journal of Surgical Oncology, 2003, 83, 185-190.	1.7	40
65	Central giant cell granuloma of the jaws: assessment of cell cycle proteins. Journal of Oral Pathology and Medicine, 2004, 33, 170-176.	2.7	39
66	Expression of type I collagen and tenascin C is regulated by actin polymerization through MRTF in dedifferentiated chondrocytes. FEBS Letters, 2014, 588, 3677-3684.	2.8	39
67	A systematic review of optimal treatment strategies for localized Ewing's sarcoma of bone after neo-adjuvant chemotherapy. Surgical Oncology, 2016, 25, 16-23.	1.6	39
68	p53 protein accumulation and mutations in normal and benign breast tissue. International Journal of Cancer, 2000, 87, 73-78.	5.1	38
69	Proteoglycan and Collagen Accumulation by Passaged Chondrocytes Can Be Enhanced Through Side-by-Side Culture with Primary Chondrocytes. Tissue Engineering - Part A, 2010, 16, 643-651.	3.1	36
70	Histopathologic Features of Prognostic Significance in High-Grade Osteosarcoma. Archives of Pathology and Laboratory Medicine, 2016, 140, 1231-1242.	2.5	34
71	Reprogramming progeria fibroblasts reâ€establishes a normal epigenetic landscape. Aging Cell, 2017, 16, 870-887.	6.7	34
72	Collagen Type XII and Versican Are Present in the Early Stages of Cartilage Tissue Formation by Both Redifferentating Passaged and Primary Chondrocytes. Tissue Engineering - Part A, 2015, 21, 683-693.	3.1	33

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73	Osseous Invasion by Soft-Tissue Sarcoma: Assessment with MR Imaging. Radiology, 2003, 229, 145-152.	7.3	32
74	Primary synovial osteochondromatosis of the hip: extracapsular patterns of spread. Skeletal Radiology, 2004, 33, 210-215.	2.0	32
75	Chondrocytes attach to hyaline or calcified cartilage and bone11Funding Support: This work was supported by Genzyme Biosurgery, Boston, USA and CIHR.. Osteoarthritis and Cartilage, 2004, 12, 56-64.	1.3	31
76	Mechanical stimulation enhances integration in an in vitro model of cartilage repair. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 2055-2064.	4.2	31
77	Redifferentiated Chondrocytes in Fibrin Gel for the Repair of Articular Cartilage Lesions. American Journal of Sports Medicine, 2019, 47, 2348-2359.	4.2	31
78	Supplementation With Platelet-Rich Plasma Improves the InÂVitro Formation of Tissue-Engineered Cartilage With Enhanced Mechanical Properties. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2013, 29, 1685-1692.	2.7	30
79	Chondroblastoma with multiple distant soft tissue metastases. Skeletal Radiology, 1997, 26, 493-496.	2.0	28
80	Deep Zone Articular Chondrocytes In Vitro Express Genes That Show Specific Changes with Mineralization. Journal of Bone and Mineral Research, 1999, 14, 1916-1925.	2.8	28
81	The effect of continuous culture on the growth and structure of tissueâ€engineered cartilage. Biotechnology Progress, 2009, 25, 508-515.	2.6	28
82	Membrane Culture of Bone Marrow Stromal Cells Yields Better Tissue Than Pellet Culture for Engineering Cartilage-Bone Substitute Biphasic Constructs in a Two-Step Process. Tissue Engineering - Part C: Methods, 2011, 17, 939-948.	2.1	28
83	Solid freeform fabrication of porous calcium polyphosphate structures for bone substitute applications: In vivo studies. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2013, 101B, 972-980.	3.4	28
84	Cyclin Alterations in Giant Cell Tumor of Bone. Modern Pathology, 2003, 16, 210-218.	5.5	27
85	VASCULARIZED LIMB TRANSPLANTATION IN THE RAT. Transplantation, 1983, 35, 300-303.	1.0	26
86	Inner and Outer Annulus Fibrosus Cells Exhibit Differentiated Phenotypes and Yield Changes in Extracellular Matrix Protein Composition In Vitro on a Polycarbonate Urethane Scaffold. Tissue Engineering - Part A, 2014, 20, 3261-3269.	3.1	26
87	Serum- and Growth-Factor-Free Three-Dimensional Culture System Supports Cartilage Tissue Formation by Promoting Collagen Synthesis via Sox9â€“Col2a1 Interaction. Tissue Engineering - Part A, 2014, 20, 2224-2233.	3.1	26
88	<sup />In Vitro Generated Intervertebral Discs: Toward Engineering Tissue Integration. Tissue Engineering - Part A, 2017, 23, 1001-1010.	3.1	26
89	Characterization of the Mineral in Calcified Articular Cartilagenous Tissue Formedin Vitro. Tissue Engineering, 1999, 5, 25-34.	4.6	25
90	p53 Alterations and Protein Accumulation in Benign Breast Tissue and Breast Cancer Risk: A Cohort Study. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 1316-1323.	2.5	25

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91	Nuclear morphometric features in benign breast tissue and risk of subsequent breast cancer. Breast Cancer Research and Treatment, 2007, 104, 103-107.	2.5	25
92	Modulation of annulus fibrosus cell alignment and function on oriented nanofibrous polyurethane scaffolds under tension. Spine Journal, 2014, 14, 424-434.	1.3	25
93	The pathologic features of massive osseous grafts. Human Pathology, 1984, 15, 141-146.	2.0	24
94	Interleukin 1 and phorbol 12-myristate 13-acetate induce collagenase and PGE2 production through a PKC-independent mechanism in chondrocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 1992, 1134, 1-6.	4.1	24
95	Evaluation of Oligonucleotide Arrays for Sequencing of the p53 Gene in DNA from Formalin-Fixed, Paraffin-Embedded Breast Cancer Specimens. Clinical Chemistry, 2004, 50, 500-508.	3.2	24
96	Passaged human chondrocytes accumulate extracellular matrix when induced by bovine chondrocytes. Journal of Tissue Engineering and Regenerative Medicine, 2010, 4, 233-241.	2.7	24
97	p63 expression in adamantinoma. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2011, 459, 109-113.	2.8	24
98	Generation, Characterization, and Multilineage Potency of Mesenchymal-Like Progenitors Derived from Equine Induced Pluripotent Stem Cells. Stem Cells and Development, 2016, 25, 80-89.	2.1	24
99	Formation of Hyaline Cartilage Tissue by Passaged Human Osteoarthritic Chondrocytes. Tissue Engineering - Part A, 2017, 23, 156-165.	3.1	24
100	Porous calcium polyphosphate as loadâ€bearing bone substitutes: In vivo study. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2013, 101B, 1-8.	3.4	23
101	The Addition of Platelet-Rich Plasma to Scaffolds Used for Cartilage Repair: A Review of Human andÂAnimal Studies. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2015, 31, 1607-1625.	2.7	23
102	Comparison between a 2- and 3-grade system in predicting metastatic-free survival in extremity soft-tissue sarcoma. , 1999, 72, 77-82.		22
103	Mesenchymal stem and progenitor cells for cartilage repair. Skeletal Radiology, 2007, 36, 909-912.	2.0	22
104	A combined additive manufacturing and micro-syringe deposition technique for realization of bio-ceramic structures with micro-scale channels. International Journal of Advanced Manufacturing Technology, 2013, 68, 2261-2269.	3.0	21
105	An Analysis of Tumor- and Surgery-Related Factors that Contribute to Inadvertent Positive Margins Following Soft Tissue Sarcoma Resection. Annals of Surgical Oncology, 2017, 24, 2137-2144.	1.5	21
106	Sol gel-derived hydroxyapatite films over porous calcium polyphosphate substrates for improved tissue engineering of osteochondral-like constructs. Acta Biomaterialia, 2017, 62, 352-361.	8.3	21
107	Low-grade liposarcoma with osteosarcomatous dedifferentiation: radiological and histological features. Skeletal Radiology, 2003, 32, 286-289.	2.0	19
108	Feeder-independent derivation of induced-pluripotent stem cells from peripheral blood endothelial progenitor cells. Stem Cell Research, 2013, 10, 195-202.	0.7	19

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109	MRTF-A signaling regulates the acquisition of the contractile phenotype in dedifferentiated chondrocytes. Matrix Biology, 2017, 62, 3-14.	3.6	19
110	Calcification of cartilage formed in vitro on calcium polyphosphate bone substitutes is regulated by inorganic polyphosphate. Acta Biomaterialia, 2010, 6, 3302-3309.	8.3	18
111	Fetal bovine serum inhibits chondrocyte collagenase production: Interleukin 1 reverses this effect. Biochimica Et Biophysica Acta - Molecular Cell Research, 1990, 1053, 130-134.	4.1	17
112	Titanemia from total knee arthroplasty. Journal of Arthroplasty, 1996, 11, 620-625.	3.1	17
113	Polymeric crystallization and condensation of calcium polyphosphate glass. Materials Research Bulletin, 2008, 43, 68-80.	5.2	17
114	Risk factors for breast cancer in women biopsied for benign breast disease: A nested case-control study. Cancer Epidemiology, 2010, 34, 34-39.	1.9	17
115	Inorganic Polyphosphate Stimulates Cartilage Tissue Formation. Tissue Engineering - Part A, 2012, 18, 1282-1292.	3.1	17
116	Sampling Modality Influences the Predictive Value of Grading in Adult Soft Tissue Extremity Sarcomas. Archives of Pathology and Laboratory Medicine, 2013, 137, 1774-1779.	2.5	17
117	Induced senescence of healthy nucleus pulposus cells is mediated by paracrine signaling from TNFâ€Î±â€“activated cells. FASEB Journal, 2021, 35, e21795.	0.5	17
118	Correlation of p-Glycoprotein Detection by Immunohistochemistry with mdr-l mRNA Levels in Osteosarcomas Pilot Study. Diagnostic Molecular Pathology, 1995, 4, 59-65â€“65.	2.1	16
119	Cartilage tissue enhances proteoglycan retention by nucleus pulposus cells in vitro. Arthritis and Rheumatism, 2010, 62, 3395-3403.	6.7	16
120	Matrix accumulation by articular chondrocytes during mechanical stimulation is influenced by integrinâ€mediated cell spreading. Journal of Biomedical Materials Research - Part A, 2010, 94A, 122-129.	4.0	15
121	Calcium polyphosphate particulates for bone void filler applications. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 874-884.	3.4	15
122	Correlation of p53 Mutations in ThinPrep-Processed Fine Needle Breast Aspirates with Surgically Resected Breast Cancers. Modern Pathology, 2000, 13, 1173-1179.	5.5	14
123	Towards engineering distinct multiâ€lamellated outer and inner annulus fibrosus tissues. Journal of Orthopaedic Research, 2018, 36, 1346-1355.	2.3	14
124	Vapourized hydrogen peroxide decontamination in a hospital setting inactivates SARS-CoV-2 and HCoV-229E without compromising filtration efficiency of unexpired N95 respirators. American Journal of Infection Control, 2021, 49, 1227-1231.	2.3	14
125	Initial Results of a Trial of Preoperative External-Beam Radiation Therapy and Postoperative Brachytherapy for Retroperitoneal Sarcoma. Annals of Surgical Oncology, 2002, 9, 346-354.	1.5	14
126	Proliferative Activity (Ki-67 Expression) and Outcome in High Grade Osteosarcoma: A Study of 27 Cases. Sarcoma, 2000, 4, 47-55.	1.3	13

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127	Substrate architecture and fluid-induced shear stress during chondrocyte seeding: Role of Î±5Î²1 integrin. Biomaterials, 2008, 29, 2477-2489.	11.4	12
128	Annulus fibrosus cells can induce mineralization: an in vitro study. Spine Journal, 2013, 13, 443-453.	1.3	12
129	Lipocortin 2 (annexin 2) is a major substrate for constitutive tyrosine kinase activity in chondrocytes. Biochemistry, 1994, 33, 2921-2926.	2.5	11
130	Adherent agarose mold cultures: An in vitro platform for multiâ€factorial assessment of passaged chondrocyte redifferentiation. Journal of Orthopaedic Research, 2018, 36, 2392-2405.	2.3	11
131	American Society for Bone and Mineral Researchâ€Orthopaedic Research Society Joint Task Force Report on Cellâ€Based Therapies. Journal of Bone and Mineral Research, 2020, 35, 3-17.	2.8	11
132	Generation of an in vitro model of the outer annulus <scp>fibrosusâ€cartilage</scp> interface. JOR Spine, 2020, 3, e1089.	3.2	11
133	Can sparsely and heterogeneously expressed proteins be detected using tissue microarrays? A simulation study of the hypoxia marker carbonic anhydrase IX (CA IX) in human soft tissue sarcoma. Pathology Research and Practice, 2008, 204, 175-183.	2.3	10
134	Hyaline Cartilage Tissue Is Formed through the Co-culture of Passaged Human Chondrocytes and Primary Bovine Chondrocytes. Journal of Histochemistry and Cytochemistry, 2012, 60, 576-587.	2.5	10
135	Efficient, Low-Cost Nucleofection of Passaged Chondrocytes. Cartilage, 2016, 7, 82-91.	2.7	10
136	Misclassification in a matched case-control study with variable matching ratio: application to a study of c-erbB-2 overexpression and breast cancer. Statistics in Medicine, 2003, 22, 2459-2468.	1.6	9
137	Leiomyosarcoma of the inferior vena cava. Cardiovascular Pathology, 2006, 15, 171-173.	1.6	9
138	Low-power laser stimulation of tissue engineered cartilage tissue formed on a porous calcium polyphosphate scaffold. Lasers in Surgery and Medicine, 2007, 39, 286-293.	2.1	9
139	Limitations of single slice dynamic contrast enhanced MR in pharmacokinetic modeling of bone sarcomas. Acta Radiologica, 2009, 50, 512-520.	1.1	9
140	CDC42 regulates the expression of superficial zone molecules in part through the actin cytoskeleton and myocardinâ€related transcription factorâ€A. Journal of Orthopaedic Research, 2018, 36, 2421-2430.	2.3	9
141	Molecular analyses in the diagnosis and prediction of prognosis in non-GIST soft tissue sarcomas: A systematic review and meta-analysis. Cancer Treatment Reviews, 2018, 66, 74-81.	7.7	9
142	Plateletâ€rich plasma enhances the integration of bioengineered cartilage with native tissue in anin vitromodel. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 427-436.	2.7	9
143	Simple Silica Columnâ€“Based Method to Quantify Inorganic Polyphosphates in Cartilage and Other Tissues. Cartilage, 2018, 9, 417-427.	2.7	9
144	Adseverin, an actin binding protein, regulates articular chondrocyte phenotype. Journal of Tissue Engineering and Regenerative Medicine, 2019, 13, 1438-1452.	2.7	9

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145	Value of Electron Microscopy and Immunohistochemistry in the Diagnosis of Soft Tissue Tumors. Ultrastructural Pathology, 1998, 22, 141-146.	0.9	8
146	Articular Cartilage Subpopulations Respond Differently to Cyclic CompressionIn Vitro. Tissue Engineering - Part A, 2009, 15, 3789-3798.	3.1	8
147	Inorganic polyphosphates enhances nucleus pulposus tissue formation in vitro. Journal of Orthopaedic Research, 2017, 35, 41-50.	2.3	8
148	New horizons in spine research: Intervertebral disc repair and regeneration. Journal of Orthopaedic Research, 2017, 35, 5-7.	2.3	8
149	Model of radiation-impaired healing of a deep excisional wound. Wound Repair and Regeneration, 2006, 14, 498-505.	3.0	7
150	Vascular smooth muscle tumors: 13 cases and a review of the literature. International Journal of Angiology, 2006, 15, 43-50.	0.6	7
151	An evidence-based guideline on the application of molecular testing in the diagnosis, prediction of prognosis, and selection of therapy in non-GIST soft tissue sarcomas. Cancer Treatment Reviews, 2020, 85, 101987.	7.7	7
152	American Society for Bone and Mineral Researchâ€Orthopaedic Research Society Joint Task Force Report on Cellâ€Based Therapies â€“ Secondary Publication. Journal of Orthopaedic Research, 2020, 38, 485-502.	2.3	7
153	Effect of circumferential constraint on nucleus pulposus tissue in vitro. Spine Journal, 2010, 10, 174-183.	1.3	6
154	A Positive Association Between Dietary Intake of Higher Cow's Milk-Fat Percentage and Nonâ^'High-Density Lipoprotein Cholesterol in Young Children. Journal of Pediatrics, 2019, 211, 105-111.e2.	1.8	6
155	Transforming Growth Factor Î² Enhances Tissue Formation by Passaged Nucleus Pulposus Cells In Vitro. Journal of Orthopaedic Research, 2020, 38, 438-449.	2.3	6
156	Long-Term Intermittent Compressive Stimulation Improves the Composition and Mechanical Properties of Tissue-Engineered Cartilage. Tissue Engineering, 2004, 10, 1323-1331.	4.6	6
157	Improved bioengineered cartilage tissue formation following cyclic compression is dependent on upregulation of MT1â€MMP. Journal of Orthopaedic Research, 2010, 28, 921-927.	2.3	5
158	Additive Manufacturing for Bone Load Bearing Applications. , 2015, , 231-263.		5
159	Phase transformations during processing and in vitro degradation of porous calcium polyphosphates. Journal of Materials Science: Materials in Medicine, 2016, 27, 117.	3.6	5
160	The anabolic effect of inorganic polyphosphate on chondrocytes is mediated by calcium signalling. Journal of Orthopaedic Research, 2022, 40, 310-322.	2.3	5
161	Additive manufacture of porous ceramic proximal interphalangeal (PIP) joint implant: design and process optimization. International Journal of Advanced Manufacturing Technology, 2021, 115, 2825-2837.	3.0	5
162	Malignant Gastrointestinal Stromal Tumors of the Small Intestine: A Review of 50 Cases From a Prospective Database. Annals of Surgical Oncology, 2001, 8, 50-59.	1.5	5

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163	Advances in the identification of molecular markers for bone neoplasia. Expert Opinion on Medical Diagnostics, 2010, 4, 429-438.	1.6	4
164	A Cohort Study of p53 Mutations and Protein Accumulation in Benign Breast Tissue and Subsequent Breast Cancer Risk. Journal of Oncology, 2011, 2011, 1-9.	1.3	4
165	Evidence-based guideline recommendations on treatment strategies for localized Ewing's sarcoma of bone following neo-adjuvant chemotherapy. Surgical Oncology, 2016, 25, 92-97.	1.6	4
166	Development of a Perfusion Reactor for Intervertebral Disk Regeneration. Tissue Engineering - Part C: Methods, 2022, 28, 12-22.	2.1	4
167	<scp>Costâ€effectiveness</scp> of noninvasive fetal <scp>RhD</scp> blood group genotyping in nonalloimmunized and alloimmunized pregnancies. Transfusion, 2022, 62, 1089-1102.	1.6	4
168	New Horizons in Spine Research: Disc biology, spine biomechanics and pathomechanisms of back pain. Journal of Orthopaedic Research, 2016, 34, 1287-1288.	2.3	3
169	A phase II study of ENMD-2076 in advanced soft tissue sarcoma (STS). Scientific Reports, 2019, 9, 7390.	3.3	3
170	Superficial and deep zone articular chondrocytes exhibit differences in actin polymerization status and actin-associated molecules in vitro. Osteoarthritis and Cartilage Open, 2020, 2, 100071.	2.0	3
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