

Peter F Choong

List of Publications by Year in descending order

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Version: 2024-02-01

482
papers

21,726
citations

9264

74
h-index

15266

126
g-index

491
all docs

491
docs citations

491
times ranked

23380
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological design and additive manufacturing of porous metals for bone scaffolds and orthopaedic implants: A review. <i>Biomaterials</i> , 2016, 83, 127-141.	11.4	1,492
2	RECOMBINANT HUMAN BONE MORPHOGENETIC PROTEIN-2 FOR TREATMENT OF OPEN TIBIAL FRACTURES. <i>Journal of Bone and Joint Surgery - Series A</i> , 2002, 84, 2123-2134.	3.0	1,092
3	Bone Regeneration Based on Tissue Engineering Conceptions – A 21st Century Perspective. <i>Bone Research</i> , 2013, 1, 216-248.	11.4	625
4	Does Accurate Anatomical Alignment Result in Better Function and Quality of Life? Comparing Conventional and Computer-Assisted Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2009, 24, 560-569.	3.1	390
5	Recent developments in liposomes, microparticles and nanoparticles for protein and peptide drug delivery. <i>Peptides</i> , 2010, 31, 184-193.	2.4	318
6	Bioactive Coatings for Orthopaedic Implants – Recent Trends in Development of Implant Coatings. <i>International Journal of Molecular Sciences</i> , 2014, 15, 11878-11921.	4.1	306
7	Inconel 625 lattice structures manufactured by selective laser melting (SLM): Mechanical properties, deformation and failure modes. <i>Materials and Design</i> , 2018, 157, 179-199.	7.0	285
8	The Molecular Pathogenesis of Osteosarcoma: A Review. <i>Sarcoma</i> , 2011, 2011, 1-12.	1.3	284
9	Osteosarcoma treatment: state of the art. <i>Cancer and Metastasis Reviews</i> , 2009, 28, 247-263.	5.9	281
10	Wnt inhibitory factor 1 is epigenetically silenced in human osteosarcoma, and targeted disruption accelerates osteosarcomagenesis in mice. <i>Journal of Clinical Investigation</i> , 2009, 119, 837-851.	8.2	244
11	The clinicopathologic spectrum of myxoid and round cell liposarcoma: A study of 95 cases. , 1996, 77, 1450-1458.		233
12	<i>In situ</i> handheld three-dimensional bioprinting for cartilage regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 611-621.	2.7	232
13	A review of clinical and molecular prognostic factors in osteosarcoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2008, 134, 281-297.	2.5	230
14	Obesity is a Major Risk Factor for Prosthetic Infection after Primary Hip Arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2008, 466, 153-158.	1.5	229
15	Microbiological Aetiology, Epidemiology, and Clinical Profile of Prosthetic Joint Infections: Are Current Antibiotic Prophylaxis Guidelines Effective?. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 2386-2391.	3.2	218
16	Myostatin, insulin-like growth factor-1, and leukemia inhibitory factor mRNAs are upregulated in chronic human disuse muscle atrophy. <i>Muscle and Nerve</i> , 2001, 24, 893-899.	2.2	217
17	Obese Diabetic Patients are at Substantial Risk for Deep Infection after Primary TKA. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 1577-1581.	1.5	207
18	Clinical pathways in hip and knee arthroplasty: a prospective randomised controlled study. <i>Medical Journal of Australia</i> , 1999, 170, 59-62.	1.7	205

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19	Diagnosis of Periprosthetic Joint Infection. <i>Journal of Arthroplasty</i> , 2014, 29, 77-83.	3.1	193
20	Preexisting Cognitive Impairment Is Associated with Postoperative Cognitive Dysfunction after Hip Joint Replacement Surgery. <i>Anesthesiology</i> , 2015, 122, 1224-1234.	2.5	189
21	Development of the Biopen: a handheld device for surgical printing of adipose stem cells at a chondral wound site. <i>Biofabrication</i> , 2016, 8, 015019.	7.1	186
22	Thrombin-cleaved osteopontin regulates hemopoietic stem and progenitor cell functions through interactions with $\alpha 9 \beta 1$ and $\alpha 4 \beta 1$ integrins. <i>Blood</i> , 2009, 114, 49-59.	1.4	182
23	Treatment of staphylococcal prosthetic joint infections with debridement, prosthesis retention and oral rifampicin and fusidic acid. <i>Clinical Microbiology and Infection</i> , 2007, 13, 586-591.	6.0	165
24	Handheld Co-Axial Bioprinting: Application to in situ surgical cartilage repair. <i>Scientific Reports</i> , 2017, 7, 5837.	3.3	160
25	RECK is a newly discovered inhibitor of metastasis with prognostic significance in multiple forms of cancer. <i>Cancer and Metastasis Reviews</i> , 2007, 26, 675-683.	5.9	151
26	Urokinase Plasminogen Activator System. <i>Clinical Orthopaedics and Related Research</i> , 2003, 415, S46-S58.	1.5	137
27	The impact of pre-operative obesity on weight change and outcome in total knee replacement. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2010, 92-B, 513-520.	3.4	134
28	Effect of geometry on the mechanical properties of Ti-6Al-4V Gyroid structures fabricated via SLM: A numerical study. <i>Materials and Design</i> , 2019, 184, 108165.	7.0	134
29	Bim-targeted cancer therapy: A link between drug action and underlying molecular changes. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 3173-3180.	4.1	133
30	A chitosan-dipotassium orthophosphate hydrogel for the delivery of Doxorubicin in the treatment of osteosarcoma. <i>Biomaterials</i> , 2009, 30, 3605-3613.	11.4	133
31	DNAzyme technology and cancer therapy: cleave and let die. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 243-251.	4.1	130
32	Risk factors associated with acute hip prosthetic joint infections and outcome of treatment with a rifampinbased regimen. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2007, 78, 755-765.	3.3	128
33	Bisphosphonates regulate cell growth and gene expression in the UMR 106-01 clonal rat osteosarcoma cell line. <i>British Journal of Cancer</i> , 2001, 84, 951-958.	6.4	125
34	Coronal Alignment Correlates With Outcome After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2012, 27, 1737-1741.	3.1	125
35	Molecular Profiling of Giant Cell Tumor of Bone and the Osteoclastic Localization of Ligand for Receptor Activator of Nuclear Factor κ B. <i>American Journal of Pathology</i> , 2005, 167, 117-128.	3.8	124
36	Parathyroid Hormone-Related Protein Localization in Breast Cancers Predict Improved Prognosis. <i>Cancer Research</i> , 2006, 66, 2250-2256.	0.9	124

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37	Osteoarthritis: Models for appropriate care across the disease continuum. <i>Best Practice and Research in Clinical Rheumatology</i> , 2016, 30, 503-535.	3.3	123
38	Tailoring the mechanical properties of gelatin methacryloyl hydrogels through manipulation of the photocrosslinking conditions. <i>Soft Matter</i> , 2018, 14, 2142-2151.	2.7	123
39	Novel therapeutic strategy for osteosarcoma targeting osteoclast differentiation, bone-resorbing activity, and apoptosis pathway. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 3461-3469.	4.1	121
40	In situ hybridization to show sequential expression of osteoblast gene markers during bone formation in vivo. <i>Journal of Bone and Mineral Research</i> , 1994, 9, 1489-1499.	2.8	121
41	Misconceptions and the Acceptance of Evidence-based Nonsurgical Interventions for Knee Osteoarthritis. A Qualitative Study. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 1975-1983.	1.5	119
42	ACCURACY OF COMPUTED TOMOGRAPHY GUIDED CORE NEEDLE BIOPSY OF MUSCULOSKELETAL TUMOURS. <i>ANZ Journal of Surgery</i> , 2005, 75, 187-191.	0.7	116
43	Three-dimensional printed calcaneal prosthesis following total calcaneotomy. <i>International Journal of Surgery Case Reports</i> , 2015, 10, 83-87.	0.6	113
44	Quadriceps muscle wasting persists 5 months after total hip arthroplasty for osteoarthritis of the hip: a pilot study. <i>Internal Medicine Journal</i> , 2001, 31, 7-14.	0.8	112
45	Clinical pathway for fractured neck of femur: a prospective, controlled study. <i>Medical Journal of Australia</i> , 2000, 172, 423-426.	1.7	110
46	Survival after pulmonary metastasectomy in soft tissue sarcoma: Prognostic factors in 214 patients. <i>Acta Orthopaedica</i> , 1995, 66, 561-568.	1.4	109
47	PEDF: a potential molecular therapeutic target with multiple anti-cancer activities. <i>Trends in Molecular Medicine</i> , 2006, 12, 497-502.	6.7	109
48	Pigmented villonodular synovitis: Monoclonality and metastasis—a case for neoplastic origin?. <i>Acta Orthopaedica</i> , 1995, 66, 64-68.	1.4	106
49	Comprehensive Mapping of p53 Pathway Alterations Reveals an Apparent Role for Both SNP309 and MDM2 Amplification in Sarcomagenesis. <i>Clinical Cancer Research</i> , 2011, 17, 416-426.	7.0	106
50	Risk factors for superficial wound complications in hip and knee arthroplasty. <i>Clinical Microbiology and Infection</i> , 2014, 20, 130-135.	6.0	105
51	The urokinase plasminogen activator receptor as a gene therapy target for cancer. <i>Trends in Biotechnology</i> , 2007, 25, 33-39.	9.3	104
52	Osteosarcoma — conventional treatment vs. gene therapy. <i>Cancer Biology and Therapy</i> , 2009, 8, 106-117.	3.4	104
53	Gram-negative prosthetic joint infection treated with debridement, prosthesis retention and antibiotic regimens including a fluoroquinolone. <i>Clinical Microbiology and Infection</i> , 2011, 17, 862-867.	6.0	104
54	Cost analysis of debridement and retention for management of prosthetic joint infection. <i>Clinical Microbiology and Infection</i> , 2013, 19, 181-186.	6.0	104

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55	Megaprotheses after resection of distal femoral tumors: A rotating hinge design in 30 patients followed for 2-7 years. <i>Acta Orthopaedica</i> , 1996, 67, 345-351.	1.4	101
56	Selective gene delivery for cancer therapy using cationic liposomes: In vivo proof of applicability. <i>Journal of Controlled Release</i> , 2006, 113, 155-163.	9.9	101
57	Risk factors for prosthetic hip and knee infections according to arthroplasty site. <i>Journal of Hospital Infection</i> , 2011, 79, 129-133.	2.9	99
58	Chondrogenesis of Infrapatellar Fat Pad Derived Adipose Stem Cells in 3D Printed Chitosan Scaffold. <i>PLoS ONE</i> , 2014, 9, e99410.	2.5	99
59	Continuous Femoral Nerve Blockade or Epidural Analgesia After Total Knee Replacement: A Prospective Randomized Controlled Trial. <i>Anesthesia and Analgesia</i> , 2005, 101, 1824-1829.	2.2	97
60	The Not-So-Good Prognosis of Streptococcal Periprosthetic Joint Infection Managed by Implant Retention: The Results of a Large Multicenter Study. <i>Clinical Infectious Diseases</i> , 2017, 64, 1742-1752.	5.8	97
61	A novel orthotopic murine model provides insights into cellular and molecular characteristics contributing to human osteosarcoma. <i>Clinical and Experimental Metastasis</i> , 2007, 23, 367-380.	3.3	94
62	A chitosan hydrogel delivery system for osteosarcoma gene therapy with pigment epithelium-derived factor combined with chemotherapy. <i>Biomaterials</i> , 2009, 30, 4815-4823.	11.4	89
63	Pigment epithelium-derived factor overexpression inhibits orthotopic osteosarcoma growth, angiogenesis and metastasis. <i>Cancer Gene Therapy</i> , 2007, 14, 616-626.	4.6	88
64	Review: doxorubicin delivery systems based on chitosan for cancer therapy. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 131-142.	2.4	87
65	Urokinase plasminogen activator system: a multifunctional role in tumor progression and metastasis. <i>Clinical Orthopaedics and Related Research</i> , 2003, , S46-58.	1.5	87
66	Zoledronic acid inhibits osteosarcoma growth in an orthotopic model. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 3263-3270.	4.1	86
67	The long leg radiograph is a reliable method of assessing alignment when compared to computer-assisted navigation and computer tomography. <i>Knee</i> , 2013, 20, 242-249.	1.6	86
68	Localization of Pigment Epithelium-Derived Factor in Growing Mouse Bone. <i>Calcified Tissue International</i> , 2005, 76, 146-153.	3.1	85
69	Osteosarcoma of the foot: A review of 52 patients at the Mayo Clinic. <i>Acta Orthopaedica</i> , 1999, 70, 361-364.	1.4	84
70	3D Bioprinting of Cartilage for Orthopedic Surgeons: Reading between the Lines. <i>Frontiers in Surgery</i> , 2015, 2, 39.	1.4	84
71	Low Grade Central Osteogenic Sarcoma A Long-Term Followup of 20 Patients. <i>Clinical Orthopaedics and Related Research</i> , 1996, 322, 198.	1.5	83
72	Associations between pre-operative radiographic changes and outcomes after total knee joint replacement for osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 1095-1102.	1.3	82

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73	Direct Hospital Cost Determinants Following Hip and Knee Arthroplasty. <i>Arthritis Care and Research</i> , 2015, 67, 782-790.	3.4	82
74	Outcome of Debridement and Retention in Prosthetic Joint Infections by Methicillin-Resistant Staphylococci, with Special Reference to Rifampin and Fusidic Acid Combination Therapy. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 350-355.	3.2	76
75	Preexisting Cognitive Impairment and Mild Cognitive Impairment in Subjects Presenting for Total Hip Joint Replacement. <i>Anesthesiology</i> , 2011, 114, 1297-1304.	2.5	76
76	Inhibition of orthotopic osteosarcoma growth and metastasis by multitargeted antitumor activities of pigment epithelium-derived factor. <i>Clinical and Experimental Metastasis</i> , 2007, 24, 93-106.	3.3	75
77	The Utility of Outcome Measures in Total Knee Replacement Surgery. <i>International Journal of Rheumatology</i> , 2013, 2013, 1-8.	1.6	75
78	Chitosan microparticles encapsulating PEDF plasmid demonstrate efficacy in an orthotopic metastatic model of osteosarcoma. <i>Biomaterials</i> , 2007, 28, 3026-3033.	11.4	73
79	Development of a Prognostic Nomogram for Predicting the Probability of Nonresponse to Total Knee Arthroplasty 1 Year After Surgery. <i>Journal of Arthroplasty</i> , 2016, 31, 1654-1660.	3.1	73
80	The relevance of ligament balancing in total knee arthroplasty: how important is it? A systematic review of the literature. <i>Orthopedic Reviews</i> , 2009, 1, e26.	1.3	72
81	Pigment epithelium-derived factor: a multimodal tumor inhibitor. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 1641-1646.	4.1	71
82	The performance of doxorubicin encapsulated in chitosan-dextran sulphate microparticles in an osteosarcoma model. <i>Biomaterials</i> , 2010, 31, 541-551.	11.4	71
83	Joint line position correlates with function after primary total knee replacement. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2011, 93-B, 1223-1231.	3.4	71
84	Biofabrication of human articular cartilage: a path towards the development of a clinical treatment. <i>Biofabrication</i> , 2018, 10, 045006.	7.1	71
85	EARLY OUTCOMES AND COMPLICATIONS FOLLOWING JOINT ARTHROPLASTY IN OBESE PATIENTS: A REVIEW OF THE PUBLISHED REPORTS. <i>ANZ Journal of Surgery</i> , 2008, 78, 439-444.	0.7	68
86	PEDF regulates osteoclasts via osteoprotegerin and RANKL. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 789-794.	2.1	68
87	Control Barrier Functions for Mechanical Systems: Theory and Application to Robotic Grasping. <i>IEEE Transactions on Control Systems Technology</i> , 2021, 29, 530-545.	5.2	68
88	Cartilage Tissue Engineering Using Stem Cells and Bioprinting Technology—Barriers to Clinical Translation. <i>Frontiers in Surgery</i> , 2018, 5, 70.	1.4	67
89	Effects of ascorbic acid, calcitriol, and retinoic acid on the differentiation of preosteoblasts. <i>Journal of Orthopaedic Research</i> , 1993, 11, 638-647.	2.3	64
90	Gelatin-based delivery systems for cancer gene therapy. <i>Journal of Drug Targeting</i> , 2009, 17, 731-738.	4.4	64

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91	Diagnosis of Periprosthetic Joint Infection. <i>Journal of Orthopaedic Research</i> , 2014, 32, S98-107.	2.3	64
92	Latent Class Growth Analysis predicts long term pain and function trajectories in total knee arthroplasty: a study of 689 patients. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 2141-2149.	1.3	64
93	A practical 3D-printed soft robotic prosthetic hand with multi-articulating capabilities. <i>PLoS ONE</i> , 2020, 15, e0232766.	2.5	62
94	PEDF-derived synthetic peptides exhibit antitumor activity in an orthotopic model of human osteosarcoma. <i>Journal of Orthopaedic Research</i> , 2007, 25, 1671-1680.	2.3	61
95	The use of chitosan formulations in cancer therapy. <i>Journal of Microencapsulation</i> , 2008, 25, 275-279.	2.8	61
96	Systematic review of the efficacy of pre-surgical mind-body based therapies on post-operative outcome measures. <i>Complementary Therapies in Medicine</i> , 2013, 21, 697-711.	2.7	61
97	Commonly used mouse models of osteosarcoma. <i>Critical Reviews in Oncology/Hematology</i> , 2006, 60, 1-8.	4.4	60
98	Cancer, chitosan nanoparticles and catalytic nucleic acids. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 3-12.	2.4	60
99	¹⁸ F-FDG PET response to neoadjuvant chemotherapy for Ewing sarcoma and osteosarcoma are different. <i>Skeletal Radiology</i> , 2011, 40, 1007-1015.	2.0	60
100	Prosthetic joint infection: challenges of diagnosis and treatment. <i>ANZ Journal of Surgery</i> , 2011, 81, 32-39.	0.7	59
101	Outcomes of unplanned sarcoma excision: impact of residual disease. <i>Cancer Medicine</i> , 2016, 5, 980-988.	2.8	59
102	Economic burden of obesity in primary total knee arthroplasty. <i>Arthritis Care and Research</i> , 2011, 63, 1375-1381.	3.4	57
103	Metastatic bone disease: A review of survival, prognostic factors and outcomes following surgical treatment of the appendicular skeleton. <i>European Journal of Surgical Oncology</i> , 2016, 42, 1787-1797.	1.0	57
104	Major reconstruction for periacetabular metastasis: Early complications and outcome following surgical treatment in 40 hips. <i>Acta Orthopaedica</i> , 2000, 71, 585-590.	1.4	56
105	Anti-angiogenic therapy for osteosarcoma. <i>Cancer and Metastasis Reviews</i> , 2007, 25, 707-713.	5.9	56
106	Early onset prosthetic hip and knee joint infection: treatment and outcomes in Victoria, Australia. <i>Journal of Hospital Infection</i> , 2012, 82, 248-253.	2.9	56
107	The impact of obesity on weight change and outcomes at 12 months in patients undergoing total hip arthroplasty. <i>Medical Journal of Australia</i> , 2010, 193, 17-21.	1.7	55
108	Downregulation of uPAR confirms link in growth and metastasis of osteosarcoma. <i>Clinical and Experimental Metastasis</i> , 2005, 22, 643-652.	3.3	54

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109	Salvaging the limb salvage: Management of complications following endoprosthetic reconstruction for tumours around the knee. <i>European Journal of Surgical Oncology</i> , 2007, 33, 796-802.	1.0	54
110	Title is missing!. <i>Breast Cancer Research and Treatment</i> , 2000, 61, 1-12.	2.5	54
111	Just-in-time Design and Additive Manufacture of Patient-specific Medical Implants. <i>Physics Procedia</i> , 2016, 83, 4-14.	1.2	53
112	The role of high-dose therapy and autologous stem cell transplantation for pediatric bone and soft tissue sarcomas. <i>Expert Review of Anticancer Therapy</i> , 2006, 6, 225-237.	2.4	52
113	Gap Balancing Sacrifices Joint-Line Maintenance to Improve Gap Symmetry: A Randomized Controlled Trial Comparing Gap Balancing and Measured Resection. <i>Journal of Arthroplasty</i> , 2014, 29, 950-954.	3.1	52
114	Urokinase-plasminogen-activator levels and prognosis in 69 soft-tissue sarcomas. , 1996, 69, 268-272.		51
115	The incidence of acute cardiorespiratory and vascular dysfunction following intramedullary nail fixation of femoral metastasis. <i>Acta Orthopaedica</i> , 2000, 71, 147-152.	1.4	50
116	An in vivo model of prostate carcinoma growth and invasion in bone. <i>Cell and Tissue Research</i> , 2002, 307, 337-345.	2.9	50
117	Enhancement of meniscal repair in the avascular zone using mesenchymal stem cells in a porcine model. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2010, 92-B, 169-175.	3.4	50
118	Percutaneous radiofrequency ablation for osteoid osteoma: experience with a new treatment. <i>Medical Journal of Australia</i> , 2006, 184, 563-565.	1.7	49
119	Outcome of surgical management of bony metastases to the humerus and shoulder girdle: a retrospective analysis of 93 patients. <i>International Seminars in Surgical Oncology</i> , 2006, 3, 5.	1.1	48
120	Review: doxorubicin delivery systems based on chitosan for cancer therapy. <i>Journal of Pharmacy and Pharmacology</i> , 2009, 61, 131-142.	2.4	48
121	Inhibition of CD44 expression in hepatocellular carcinoma cells enhances apoptosis, chemosensitivity, and reduces tumorigenesis and invasion. <i>Cancer Chemotherapy and Pharmacology</i> , 2008, 62, 949-957.	2.3	47
122	Adipose-Derived Mesenchymal Stem Cells in the Use of Cartilage Tissue Engineering: The Need for a Rapid Isolation Procedure. <i>Stem Cells International</i> , 2018, 2018, 1-9.	2.5	47
123	Mesenchymal stromal cell-like characteristics of corneal keratocytes. <i>Cytotherapy</i> , 2007, 9, 252-258.	0.7	46
124	Selecting those to refer for joint replacement: Who will likely benefit and who will not?. <i>Best Practice and Research in Clinical Rheumatology</i> , 2014, 28, 157-171.	3.3	45
125	Recent Advances in Nerve Tissue Engineering. <i>International Journal of Artificial Organs</i> , 2014, 37, 277-291.	1.4	45
126	The Impact of Advanced Age on the Outcomes of Primary Total Hip and Knee Arthroplasty for Osteoarthritis. <i>JBJS Reviews</i> , 2018, 6, e6-e6.	2.0	45

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127	Soft-tissue Sarcomas. Indian Journal of Orthopaedics, 2018, 52, 35-44.	1.1	45
128	Human articular cartilage repair: Sources and detection of cytotoxicity and genotoxicity in photo-crosslinkable hydrogel bioscaffolds. Stem Cells Translational Medicine, 2020, 9, 302-315.	3.3	45
129	Resistance of Epiphyseal Cartilage to Invasion by Osteosarcoma Is Likely to Be Due to Expression of Antiangiogenic Factors. Pathobiology, 2002, 70, 361-367.	3.8	44
130	A phase Ib/II translational study of sunitinib with neoadjuvant radiotherapy in soft-tissue sarcoma. British Journal of Cancer, 2014, 111, 2254-2261.	6.4	44
131	Evaluation of sterilisation methods for bio-ink components: gelatin, gelatin methacryloyl, hyaluronic acid and hyaluronic acid methacryloyl. Biofabrication, 2019, 11, 035003.	7.1	44
132	Infective complications following tumour endoprosthesis surgery for bone and soft tissue tumours. European Journal of Surgical Oncology, 2014, 40, 1087-1094.	1.0	42
133	Outcomes following large joint arthroplasty: does socio-economic status matter?. BMC Musculoskeletal Disorders, 2014, 15, 148.	1.9	42
134	Comparison of posteriorâ€stabilized, cruciateâ€retaining, and medialâ€stabilized knee implant motion during gait. Journal of Orthopaedic Research, 2020, 38, 1753-1768.	2.3	42
135	Research: Is resection of tumours involving the pelvic ring justified? : A review of 49 consecutive cases. International Seminars in Surgical Oncology, 2005, 2, 9.	1.1	41
136	The need for patellar resurfacing in total knee arthroplasty: a literature review. ANZ Journal of Surgery, 2010, 80, 223-233.	0.7	41
137	Functional Reconstruction of Sarcoma Defects Utilising Innervated Free Flaps. Sarcoma, 2012, 2012, 1-8.	1.3	41
138	Diagnosis and management of prosthetic joint infection. Current Opinion in Infectious Diseases, 2012, 25, 670-676.	3.1	41
139	DNAzyme Delivery Systems: Getting Past First Base. Expert Opinion on Drug Delivery, 2009, 6, 127-138.	5.0	40
140	<i>In vitro</i> and <i>in vivo</i> biological activity of PEDF against a range of tumors. Expert Opinion on Therapeutic Targets, 2009, 13, 1429-1438.	3.4	39
141	The non-vascularised fibular graft. Journal of Bone and Joint Surgery: British Volume, 2010, 92-B, 999-1005.	3.4	39
142	Anti-chondrosarcoma effects of PEDF mediated via molecules important to apoptosis, cell cycling, adhesion and invasion. Biochemical and Biophysical Research Communications, 2010, 398, 613-618.	2.1	39
143	Body Mass Index Is Associated With All-cause Mortality After THA and TKA. Clinical Orthopaedics and Related Research, 2018, 476, 1139-1148.	1.5	39
144	Is Radiotherapy Important for Low-Grade Soft Tissue Sarcoma of the Extremity?. Clinical Orthopaedics and Related Research, 2001, 387, 191-199.	1.5	38

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145	Stimulating Catheters for Continuous Femoral Nerve Blockade After Total Knee Arthroplasty: A Randomized, Controlled, Double-Blinded Trial. <i>Anesthesia and Analgesia</i> , 2008, 106, 1316-1321.	2.2	38
146	Therapeutic targeting of osteoclast function and pathways. <i>Expert Opinion on Therapeutic Targets</i> , 2011, 15, 169-181.	3.4	38
147	Longitudinal changes in knee kinematics and moments following knee arthroplasty: A systematic review. <i>Knee</i> , 2014, 21, 994-1008.	1.6	38
148	Effect of Bariatric Surgery on Risk of Complications After Total Knee Arthroplasty. <i>JAMA Network Open</i> , 2022, 5, e226722.	5.9	38
149	19p + marker chromosome correlates with relapse in malignant fibrous histiocytoma. , 1996, 16, 88-93.		37
150	Limb-sparing surgery for bone tumors: New developments. , 1997, 13, 64-69.		37
151	Clinical applications of molecular imaging in sarcoma evaluation. <i>Cancer Imaging</i> , 2005, 5, 66-72.	2.8	37
152	The association between radiographic severity and pre-operative function in patients undergoing primary knee replacement for osteoarthritis. <i>Knee</i> , 2012, 19, 860-865.	1.6	37
153	Targeting of small molecule anticancer drugs to the tumour and its vasculature using cationic liposomes: lessons from gene therapy. , 2006, 6, 17.		36
154	Human xenograft osteosarcoma models with spontaneous metastasis in mice: clinical relevance and applicability for drug testing. <i>Journal of Cancer Research and Clinical Oncology</i> , 2007, 133, 193-198.	2.5	36
155	Cancer cell apoptotic pathways mediated by PEDF: prospects for therapy. <i>Trends in Molecular Medicine</i> , 2009, 15, 461-467.	6.7	36
156	Intramedullary nailing has sufficient durability for metastatic femoral fractures. <i>World Journal of Surgical Oncology</i> , 2016, 14, 80.	1.9	36
157	Achieving Consensus on Total Joint Replacement Trial Outcome Reporting Using the OMERACT Filter: Endorsement of the Final Core Domain Set for Total Hip and Total Knee Replacement Trials for Endstage Arthritis. <i>Journal of Rheumatology</i> , 2017, 44, 1723-1726.	2.0	36
158	Differences in presentation, progression and rates of arthroplasty between hip and knee osteoarthritis: Observations from an osteoarthritis cohort study—a clear role for conservative management. <i>International Journal of Rheumatic Diseases</i> , 2017, 20, 1350-1360.	1.9	36
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