

Stuart B Goodman

List of PR Articles by Year in descending order

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325

PR articles

20,188

PR citations

9874

63

PR h-index

7593

135

g-index

354

documents

23364

doc citations

9736

69

h-index

24958

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Friend or foe? Inflammation and the foreign body response to orthopedic biomaterials. Journal of Biomedical Materials Research - Part A, 2024, 112, 1172-1187.	4.3	17
2	Preclinical models for studying corticosteroid-induced osteonecrosis of the femoral head. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2024, 112, .	3.5	5
3	The 2023 Orthopaedic Research Society's International Consensus Meeting on musculoskeletal infection: Summary from the host immunity section. Journal of Orthopaedic Research, 2024, 42, 518-530.	2.5	14
4	Host and microbial characteristics associated with recurrent prosthetic joint infections. Journal of Orthopaedic Research, 2024, 42, 560-567.	2.5	3
5	Primary Total Hip Arthroplasty in Juvenile Idiopathic Arthritis: Survivorship After a Median Follow-Up of 12 Years. Journal of Arthroplasty, 2024, 39, 1530-1534.	3.0	2
6	Effects of Aging on Osteosynthesis at Bone-Implant Interfaces. Biomolecules, 2024, 14, 52.	4.4	8
7	Sex differences of NF- κ B-targeted therapy for mitigating osteoporosis associated with chronic inflammation of bone. Bone and Joint Research, 2024, 13, 28-39.	4.0	11
8	T cells and macrophages jointly modulate osteogenesis of mesenchymal stromal cells. Journal of Biomedical Materials Research - Part A, 2024, 112, 2202-2209.	4.3	8
9	Synovial joint-on-a-chip for modeling arthritis: progress, pitfalls, and potential. Trends in Biotechnology, 2023, 41, 511-527.	8.9	61
10	Therapeutic effects of MSCs, genetically modified MSCs, and NF- κ B inhibitor on chronic inflammatory osteolysis in aged mice. Journal of Orthopaedic Research, 2023, 41, 1004-1013.	2.5	6
11	Improving biocompatibility for next generation of metallic implants. Progress in Materials Science, 2023, 133, 101053.	35.9	352
12	Revision Hip Arthroplasty Using a Modular, Cementless Femoral Stem: Long-Term Follow-Up. Journal of Arthroplasty, 2023, 38, 903-908.	3.0	8
13	The efficiency of genetically modified mesenchymal stromal cells combined with a functionally graded scaffold for bone regeneration in corticosteroid-induced osteonecrosis of the femoral head in rabbits. Journal of Biomedical Materials Research - Part A, 2023, 111, 1120-1134.	4.3	9
14	The Environmental Impact of Orthopaedic Surgery. Journal of Bone and Joint Surgery - Series A, 2023, 105, 74-82.	3.4	18
15	Using Microphysiological System for the Development of Treatments for Joint Inflammation and Associated Cartilage Loss—A Pilot Study. Biomolecules, 2023, 13, 384.	4.4	17
16	Selecting a high-dose antibiotic-laden cement knee spacer. Journal of Orthopaedic Research, 2023, 41, 1383-1396.	2.5	5
17	Del1 Is a Growth Factor for Skeletal Progenitor Cells in the Fracture Callus. Biomolecules, 2023, 13, 1214.	4.4	0
18	C-C Motif Chemokine Ligand 2 Enhances Macrophage Chemotaxis, Osteogenesis, and Angiogenesis during the Inflammatory Phase of Bone Regeneration. Biomolecules, 2023, 13, 1665.	4.4	19

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19	Nonoperative and Operative Bone and Cartilage Regeneration and Orthopaedic Biologics of the Hip: An Orthoregeneration Network (ON) Foundation Hip Review. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2022, 38, 643-656.	3.6	10
20	Applying deep learning to quantify empty lacunae in histologic sections of osteonecrosis of the femoral head. <i>Journal of Orthopaedic Research</i> , 2022, 40, 1801-1809.	2.5	8
21	Staging Bilateral Total Knee Arthroplasties Reduces Alignment Outliers. <i>Journal of Arthroplasty</i> , 2022, 37, 694-698.	3.0	3
22	Macrophage Polarization and the Osteoimmunology of Periprosthetic Osteolysis. <i>Current Osteoporosis Reports</i> , 2022, 20, 43-52.	4.8	39
23	The 2021 Association Research Circulation Osseous Classification for Early-Stage Osteonecrosis of the Femoral Head to Computed Tomography-Based Study. <i>Journal of Arthroplasty</i> , 2022, 37, 1074-1082.	3.0	45
24	Effectiveness of Dental Pulp-derived Stem Cells and Bone Marrow-derived Mesenchymal Stromal Cells Implanted into a Murine Critical Bone Defect. <i>Current Stem Cell Research and Therapy</i> , 2022, 17, 480-491.	1.7	12
25	Treatment of Critical Size Femoral Bone Defects with Biomimetic Hybrid Scaffolds of 3D Plotted Calcium Phosphate Cement and Mineralized Collagen Matrix. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3400.	4.5	9
26	Ageing attenuates bone healing by mesenchymal stem cells in a microribbon hydrogel with a murine long bone critical-size defect model. <i>Immunity and Ageing</i> , 2022, 19, .	5.1	20
27	Human Mesenchymal Stem Cell-Derived Miniature Joint System for Disease Modeling and Drug Testing. <i>Advanced Science</i> , 2022, 9, .	12.7	52
28	Novel Techniques and Future Perspective for Investigating Critical-Size Bone Defects. <i>Bioengineering</i> , 2022, 9, 171.	3.3	32
29	A Review of Biomimetic Topographies and Their Role in Promoting Bone Formation and Osseointegration: Implications for Clinical Use. <i>Biomimetics</i> , 2022, 7, 46.	3.4	36
30	Aberrant Expression of COX-2 and FOXG1 in Infrapatellar Fat Pad-Derived ASCs from Pre-Diabetic Donors. <i>Cells</i> , 2022, 11, 2367.	4.8	7
31	Outcome of the Wagner Cone femoral component for difficult anatomical conditions during total hip arthroplasty. <i>International Orthopaedics</i> , 2022, , .	1.9	3
32	Clinical Assessments of Fracture Healing and Basic Science Correlates: Is There Room for Convergence?. <i>Current Osteoporosis Reports</i> , 2022, 21, 216-227.	4.8	6
33	The efficacy of core decompression for steroid-associated osteonecrosis of the femoral head in rabbits. <i>Journal of Orthopaedic Research</i> , 2021, 39, 1441-1451.	2.5	15
34	Interleukin-4 repairs wear particle induced osteolysis by modulating macrophage polarization and bone turnover. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 1512-1520.	4.3	25
35	Outcomes of Cemented Total Knee Arthroplasty for Secondary Osteonecrosis of the Knee. <i>Journal of Arthroplasty</i> , 2021, 36, 550-559.	3.0	10
36	Response to Letter to the Editor on "Diagnosis of Osteonecrosis of the Femoral Head: Too Little, Too Late, and Independent of Etiology". <i>Journal of Arthroplasty</i> , 2021, 36, e12-e13.	3.0	1

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37	PDGF-BB and IL-4 co-overexpression is a potential strategy to enhance mesenchymal stem cell-based bone regeneration. <i>Stem Cell Research and Therapy</i> , 2021, 12, .	6.9	43
38	Encapsulated Mesenchymal Stromal Cell Microbeads Promote Endogenous Regeneration of Osteoarthritic Cartilage Ex Vivo. <i>Advanced Healthcare Materials</i> , 2021, 10, .	8.8	19
39	Current Models for Development of Disease-Modifying Osteoarthritis Drugs. <i>Tissue Engineering - Part C: Methods</i> , 2021, 27, 124-138.	2.5	62
40	Management of Morbidity and Mortality in a New Zealand White Rabbit Model of Steroid-Induced Osteonecrosis of the Femoral Head. <i>Comparative Medicine</i> , 2021, 71, 86-98.	0.9	2
41	Suppression of $\text{NF-}\kappa\text{B}$ -induced chronic inflammation mitigates inflammatory osteolysis in the murine continuous polyethylene particle infusion model. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 1828-1839.	4.3	18
42	A dysfunctional TRPV4-GSK3 β pathway prevents osteoarthritic chondrocytes from sensing changes in extracellular matrix viscoelasticity. <i>Nature Biomedical Engineering</i> , 2021, 5, 1472-1484.	22.6	96
43	Different Effects of Intramedullary Injection of Mesenchymal Stem Cells During the Acute vs. Chronic Inflammatory Phase on Bone Healing in the Murine Continuous Polyethylene Particle Infusion Model. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, .	3.7	8
44	Articulating vs Static Spacers for Native Knee Infection in the Setting of Degenerative Joint Disease. <i>Arthroplasty Today</i> , 2021, 8, 138-144.	1.9	6
45	Cell spheroids are as effective as single cells suspensions in the treatment of critical-sized bone defects. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, .	2.2	13
46	Metabolic Control of Autoimmunity and Tissue Inflammation in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2021, 12, .	5.1	112
47	Provider Personal and Demographic Characteristics and Patient Satisfaction in Orthopaedic Surgery. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2021, 5, .	0.8	7
48	3D Printing in alloy design to improve biocompatibility in metallic implants. <i>Materials Today</i> , 2021, 45, 20-34.	14.0	150
49	The Effects of Macrophage Phenotype on Osteogenic Differentiation of MSCs in the Presence of Polyethylene Particles. <i>Biomedicines</i> , 2021, 9, 499.	3.5	17
50	How to stop using gadolinium chelates for magnetic resonance imaging: clinical-translational experiences with ferumoxytol. <i>Pediatric Radiology</i> , 2021, 52, 354-366.	1.9	22
51	Effect of porosity of a functionally-graded scaffold for the treatment of corticosteroid-associated osteonecrosis of the femoral head in rabbits. <i>Journal of Orthopaedic Translation</i> , 2021, 28, 90-99.	6.2	22
52	Modified Kerboul Angle Predicts Outcome of Core Decompression With or Without Additional Cell Therapy. <i>Journal of Arthroplasty</i> , 2021, 36, 1879-1886.	3.0	23
53	Concentrated autologous bone marrow aspirate is not stem cell therapy in the repair of nonunions and bone defects. <i>Biomaterials and Biosystems</i> , 2021, 2, 100017.	2.2	5
54	Use of Total Hip Arthroplasty in Patients Under 21 Years Old: A US Population Analysis. <i>Journal of Arthroplasty</i> , 2021, 36, 3928-3933.e1.	3.0	17

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55	The efficacy of lapine preconditioned or genetically modified IL4 over-expressing bone marrow-derived mesenchymal stromal cells in corticosteroid-associated osteonecrosis of the femoral head in rabbits. <i>Biomaterials</i> , 2021, 275, 120972.	12.3	22
56	Return to work and productivity loss after surgery: A health economic evaluation. <i>International Journal of Surgery</i> , 2021, 95, 106100.	5.6	27
57	The effect of genetically modified platelet-derived growth factor-BB over-expressing mesenchymal stromal cells during core decompression for steroid-associated osteonecrosis of the femoral head in rabbits. <i>Stem Cell Research and Therapy</i> , 2021, 12, .	6.9	33
58	Perioperative Statin Use May Reduce Postoperative Arrhythmia Rates After Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, 3401-3405.	3.0	8
59	Mesenchymal Stem Cells and NF- κ B Sensing Interleukin-4 Over-Expressing Mesenchymal Stem Cells Are Equally Effective in Mitigating Particle-Associated Chronic Inflammatory Bone Loss in Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, .	3.7	7
60	CORR Insights [®] : Highly Crosslinked Polyethylene Liners Have Negligible Wear at 10 Years: A Radiostereometric Analysis Study. <i>Clinical Orthopaedics and Related Research</i> , 2021, Publish Ahead of Print, .	1.8	0
61	Effect on Osteogenic Differentiation of Genetically Modified IL4 or PDGF-BB Over-Expressing and IL4-PDGF-BB Co-Over-Expressing Bone Marrow-Derived Mesenchymal Stromal Cells In Vitro. <i>Bioengineering</i> , 2021, 8, 165.	3.3	5
62	Notching of the Neck After Acetabular Constraint Necessitating Femoral Component Revision. <i>Arthroplasty Today</i> , 2021, 12, 32-35.	1.9	1
63	Sex Differences in Mesenchymal Stem Cell Therapy With Gelatin-Based Microribbon Hydrogels in a Murine Long Bone Critical-Size Defect Model. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, .	4.0	14
64	Macrophages Modulate the Function of MSC- and iPSC-Derived Fibroblasts in the Presence of Polyethylene Particles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12837.	4.5	5
65	Venous thromboprophylaxis after total hip arthroplasty: aspirin, warfarin, enoxaparin, or factor Xa inhibitors?. <i>HIP International</i> , 2020, 30, 564-571.	1.4	13
66	Effect of Aging on the Macrophage Response to Titanium Particles. <i>Journal of Orthopaedic Research</i> , 2020, 38, 405-416.	2.5	10
67	Total Knee Arthroplasty Has A Positive Effect on Patients With Low Mental Health Scores. <i>Journal of Arthroplasty</i> , 2020, 35, 112-115.	3.0	16
68	Diagnosis and management of implant debris-associated inflammation. <i>Expert Review of Medical Devices</i> , 2020, 17, 41-56.	2.1	48
69	The 2019 Revised Version of Association Research Circulation Osseous Staging System of Osteonecrosis of the Femoral Head. <i>Journal of Arthroplasty</i> , 2020, 35, 933-940.	3.0	262
70	Angiotensin receptor blockade mimics the effect of exercise on recovery after orthopaedic trauma by decreasing pain and improving muscle regeneration. <i>Journal of Physiology</i> , 2020, 598, 317-329.	3.4	19
71	The Cost of Malnutrition in Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 926-932.e1.	3.0	45
72	Initial Presentation and Progression of Secondary Osteonecrosis of the Knee. <i>Journal of Arthroplasty</i> , 2020, 35, 2798-2806.	3.0	11

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73	<p>Inflammation, Bone Healing and Osteonecrosis: From Bedside to Bench</p>. Journal of Inflammation Research, 2020, Volume 13, 913-923.	3.8	67
74	<p>Preoperative Factors Associated with Remote Postoperative Pain Resolution and Opioid Cessation in a Mixed Surgical Cohort: Post Hoc Analysis of a Perioperative Gabapentin Trial</p>. Journal of Pain Research, 2020, Volume 13, 2959-2970.	2.4	11
75	Reply to Letter to the Editor on "Mental Health Status Improves Following Total Knee Arthroplasty". Journal of Arthroplasty, 2020, 35, 2685-2686.	3.0	0
76	Efficacy of motivational-interviewing and guided opioid tapering support for patients undergoing orthopedic surgery (MI-Opioid Taper): A prospective, assessor-blind, randomized controlled pilot trial. EClinicalMedicine, 2020, 28, 100596.	8.5	30
77	Interleukin-4 overexpressing mesenchymal stem cells within gelatin-based microribbon hydrogels enhance bone healing in a murine long bone critical size defect model. Journal of Biomedical Materials Research - Part A, 2020, 108, 2240-2250.	4.3	42
78	Modulation of the Inflammatory Response and Bone Healing. Frontiers in Endocrinology, 2020, 11, .	4.1	427
79	The routine use of synovial alpha-defensin is not necessary. Bone and Joint Journal, 2020, 102-B, 593-599.	3.9	24
80	Selective screw fixation is associated with early failure of primary acetabular components for aseptic loosening. Journal of Orthopaedic Research, 2020, 38, 2429-2433.	2.5	5
81	Reimbursement and Complications in Outpatient vs Inpatient Unicompartmental Arthroplasty. Journal of Arthroplasty, 2020, 35, S86-S91.	3.0	15
82	Tumor necrosis factor primes and metal particles activate the NLRP3 inflammasome in human primary macrophages. Acta Biomaterialia, 2020, 108, 347-357.	9.4	45
83	Modifying MSC Phenotype to Facilitate Bone Healing: Biological Approaches. Frontiers in Bioengineering and Biotechnology, 2020, 8, .	4.0	37
84	Nontraumatic Osteonecrosis of the Femoral Head: Where Do We Stand Today?. Journal of Bone and Joint Surgery - Series A, 2020, 102, 1084-1099.	3.4	316
85	Guidelines for clinical diagnosis and treatment of osteonecrosis of the femoral head in adults (2019) Tj ETQq1 1 0.784314 rgBT /Over 6.2 344		
86	Knee or Spine Surgery First? A Survey of Treatment Order for Patients With Concurrent Degenerative Knee and Lumbar Spinal Disorders. Journal of Arthroplasty, 2020, 35, 2039-2043.	3.0	14
87	Single-cell mass cytometry reveals cross-talk between inflammation-dampening and inflammation-amplifying cells in osteoarthritic cartilage. Science Advances, 2020, 6, .	11.0	69
88	Macrophage Effects on Mesenchymal Stem Cell Osteogenesis in a Three-Dimensional In Vitro Bone Model. Tissue Engineering - Part A, 2020, 26, 1099-1111.	2.7	45
89	Inhibition of TET1 prevents the development of osteoarthritis and reveals the 5hmC landscape that orchestrates pathogenesis. Science Translational Medicine, 2020, 12, .	12.7	44
90	Diagnosis of Osteonecrosis of the Femoral Head: Too Little, Too Late, and Independent of Etiology. Journal of Arthroplasty, 2020, 35, 2342-2349.	3.0	56

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91	The Hip in Juvenile Idiopathic Arthritis. The Open Orthopaedics Journal, 2020, 14, 88-94.	0.1	4
92	Inflammation and Bone Repair: From Particle Disease to Tissue Regeneration. Frontiers in Bioengineering and Biotechnology, 2019, 7, .	4.0	64
93	Optimization and Characterization of Calcium Phosphate Transfection in Mesenchymal Stem Cells. Tissue Engineering - Part C: Methods, 2019, 25, 543-552.	2.5	6
94	Hematopoietic PBX-interacting protein mediates cartilage degeneration during the pathogenesis of osteoarthritis. Nature Communications, 2019, 10, .	13.9	57
95	Computer Navigation vs Conventional Total Hip Arthroplasty: A Medicare Database Analysis. Journal of Arthroplasty, 2019, 34, 1994-1998.e1.	3.0	26
96	Treating Titanium Particle-Induced Inflammation with Genetically Modified NF- κ B Sensing IL-4 Secreting or Preconditioned Mesenchymal Stem Cells in Vitro. ACS Biomaterials Science and Engineering, 2019, 5, 3032-3038.	5.4	11
97	Improved Range of Motion and Patient-Reported Outcome Scores With Fixed-Bearing Revision Total Knee Arthroplasty for Suboptimal Axial Implant Rotation. Journal of Arthroplasty, 2019, 34, 1174-1178.	3.0	3
98	Bone Regeneration by Controlled Release of Bone Morphogenetic Protein-2: A Rabbit Spinal Fusion Chamber Molecular Study. Tissue Engineering - Part A, 2019, 25, 1356-1368.	2.7	6
99	Factors Associated With Acute Pain Estimation, Postoperative Pain Resolution, Opioid Cessation, and Recovery. JAMA Network Open, 2019, 2, e190168.	6.8	106
100	Precise immunomodulation of the M1 to M2 macrophage transition enhances mesenchymal stem cell osteogenesis and differs by sex. Bone and Joint Research, 2019, 8, 481-488.	4.0	75
101	Osteochondral Tissue Chip Derived From iPSCs: Modeling OA Pathologies and Testing Drugs. Frontiers in Bioengineering and Biotechnology, 2019, 7, .	4.0	106
102	Cell-Based and Scaffold-Based Therapies for Joint Preservation in Early-Stage Osteonecrosis of the Femoral Head. JBJS Reviews, 2019, 7, e5-e5.	2.0	15
103	CORR Insights®: How Does Mortality Risk Change Over Time After Hip and Knee Arthroplasty?. Clinical Orthopaedics and Related Research, 2019, 477, 1422-1423.	1.8	1
104	CORR Insights®: CORR® ORS Richard A. Brand Award: Disruption in Peroxisome Proliferator-Activated Receptor- γ (PPAR γ) Increases Osteonecrosis Risk Through Genetic Variance and Pharmacologic Modulation. Clinical Orthopaedics and Related Research, 2019, 477, 1813-1814.	1.8	0
105	Periprosthetic Osteolysis: Mechanisms, Prevention and Treatment. Journal of Clinical Medicine, 2019, 8, 2091.	2.6	200
106	Preconditioned or IL4-Secreting Mesenchymal Stem Cells Enhanced Osteogenesis at Different Stages. Tissue Engineering - Part A, 2019, 25, 1096-1103.	2.7	30
107	Statin use is associated with less postoperative cardiac arrhythmia after total hip arthroplasty. HIP International, 2019, 29, 618-623.	1.4	8
108	Two-step stem cell therapy improves bone regeneration compared to concentrated bone marrow therapy. Journal of Orthopaedic Research, 2019, 37, 1318-1328.	2.5	17

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109	Trained murine mesenchymal stem cells have anti-inflammatory effect on macrophages, but defective regulation on cell proliferation. <i>FASEB Journal</i> , 2019, 33, 4203-4211.	0.7	31
110	Mesenchymal stem cell-macrophage crosstalk and bone healing. <i>Biomaterials</i> , 2019, 196, 80-89.	12.3	840
111	Increased NF- κ B Activity in Osteoprogenitor-Lineage Cells Impairs the Balance of Bone Versus Fat in the Marrow of Skeletally Mature Mice. <i>Regenerative Engineering and Translational Medicine</i> , 2019, 6, 69-77.	1.4	1
112	Cryptotanshinone Protects Cartilage against Developing Osteoarthritis through the miR-106a-5p/GLIS3 Axis. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 11, 170-179.	5.6	30
113	Early-stage osteonecrosis of the femoral head: where are we and where are we going in year 2018?. <i>International Orthopaedics</i> , 2018, 42, 1723-1728.	1.9	136
114	miR-223-3p Inhibits Human Osteosarcoma Metastasis and Progression by Directly Targeting CDH6. <i>Molecular Therapy</i> , 2018, 26, 1299-1312.	10.4	94
115	Immunohistochemical Analysis of Inflammatory Rheumatoid Synovial Tissues Using Anti-Human Podoplanin Monoclonal Antibody Panel. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2018, 37, 12-19.	1.0	6
116	The biological basis for concentrated iliac crest aspirate to enhance core decompression in the treatment of osteonecrosis. <i>International Orthopaedics</i> , 2018, 42, 1705-1709.	1.9	33
117	Obesity Is Independently Associated With Early Aseptic Loosening in Primary Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 882-886.	3.0	61
118	Effect of Perioperative Gabapentin on Postoperative Pain Resolution and Opioid Cessation in a Mixed Surgical Cohort. <i>JAMA Surgery</i> , 2018, 153, 303.	9.1	186
119	Letter: Particle disease really does exist. Response: Particle disease, late loosening and Occam's razor.. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 89, 133-136.	3.9	16
120	Customized, degradable, functionally graded scaffold for potential treatment of early stage osteonecrosis of the femoral head. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1002-1011.	2.5	63
121	Strategies for Weight Reduction Prior to Total Joint Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 1888-1896.	3.4	17
122	Tracking Cell Transplants in Femoral Osteonecrosis with Magnetic Resonance Imaging: A Proof-of-Concept Study in Patients. <i>Clinical Cancer Research</i> , 2018, 24, 6223-6229.	6.9	25
123	The effects of a functionally-graded scaffold and bone marrow-derived mononuclear cells on steroid-induced femoral head osteonecrosis. <i>Biomaterials</i> , 2018, 187, 39-46.	12.3	69
124	Identification of the Human Skeletal Stem Cell. <i>Cell</i> , 2018, 175, 43-56.e21.	34.1	545
125	Systematic characterization of 3D-printed PCL/ β -TCP scaffolds for biomedical devices and bone tissue engineering: Influence of composition and porosity. <i>Journal of Materials Research</i> , 2018, 33, 1948-1959.	2.5	150
126	Protocol-Driven Revision for Stiffness After Total Knee Arthroplasty Improves Motion and Clinical Outcomes. <i>Journal of Arthroplasty</i> , 2018, 33, 2952-2955.	3.0	13

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127	Periprosthetic bacterial biofilm and quorum sensing. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2331-2339.	2.5	55
128	NF κ B sensing IL κ 4 secreting mesenchymal stem cells mitigate the proinflammatory response of macrophages exposed to polyethylene wear particles. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 2744-2752.	4.3	38
129	Transplanted interleukin-4-secreting mesenchymal stromal cells show extended survival and increased bone mineral density in the murine femur. <i>Cytotherapy</i> , 2018, 20, 1028-1036.	2.0	28
130	A Tissue Engineering Approach for Treating Early Osteonecrosis of the Femoral Head. <i>Regenerative Engineering and Translational Medicine</i> , 2018, 4, 162-166.	1.4	0
131	Effect of Computer Navigation on Complication Rates Following Unicompartmental Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 3437-3440.e1.	3.0	12
132	Proximal Femoral Shape Changes the Risk of a Leg Length Discrepancy After Primary Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 3699-3703.	3.0	15
133	Suboptimal patellofemoral alignment is associated with poor clinical outcome scores after primary total knee arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018, 139, 249-254.	1.9	34
134	The biological response to orthopedic implants for joint replacement. II: Polyethylene, ceramics, PMMA, and the foreign body reaction. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 1685-1691.	3.5	113
135	The biological response to orthopaedic implants for joint replacement: Part I: Metals. , 2017, 105, 2162-2173.		124
136	Decreased osteogenesis in mesenchymal stem cells derived from the aged mouse is associated with enhanced NF κ B activity. <i>Journal of Orthopaedic Research</i> , 2017, 35, 281-288.	2.5	62
137	Use of Cortical Strut Allograft After Extended Trochanteric Osteotomy in Revision Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 1599-1605.	3.0	9
138	Cortical Strut Allograft Support of Modular Femoral Junctions During Revision Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 1586-1592.	3.0	19
139	Response to Letter to the Editor on "Tibiofemoral Dislocation After Total Knee Arthroplasty". <i>Journal of Arthroplasty</i> , 2017, 32, 700.	3.0	0
140	Pharmacological rescue of diabetic skeletal stem cell niches. <i>Science Translational Medicine</i> , 2017, 9, .	12.7	98
141	Weight Gain After Primary Total Knee Arthroplasty Is Associated With Accelerated Time to Revision for Aseptic Loosening. <i>Journal of Arthroplasty</i> , 2017, 32, 2167-2170.	3.0	22
142	Pro-inflammatory M1 macrophages promote Osteogenesis by mesenchymal stem cells via the COX κ 2-prostaglandin E2 pathway. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2378-2385.	2.5	200
143	CCL2/CCR2, but not CCL5/CCR5, mediates monocyte recruitment, inflammation and cartilage destruction in osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 914-922.	12.4	401
144	Reconstruction of Disrupted Extensor Mechanism After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 3134-3140.	3.0	39

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145	Inflammation, ageing, and bone regeneration. <i>Journal of Orthopaedic Translation</i> , 2017, 10, 28-35.	6.2	113
146	Femoral Nerve Catheters Improve Home Disposition and Pain in Hip Fracture Patients Treated With Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 3434-3437.	3.0	14
147	Venous Thromboembolism Prophylaxis After TKA: Aspirin, Warfarin, Enoxaparin, or Factor Xa Inhibitors?. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 2205-2213.	1.8	133
148	Outcome of 4 Surgical Treatments for Wear and Osteolysis of Cementless Acetabular Components. <i>Journal of Arthroplasty</i> , 2017, 32, 2799-2805.	3.0	11
149	Mesenchymal stem cells homing to improve bone healing. <i>Journal of Orthopaedic Translation</i> , 2017, 9, 19-27.	6.2	179
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