

Stuart B Goodman

List of Publications by Year in descending order

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Version: 2024-02-01

347
papers

20,034
citations

13854

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16164

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all docs

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docs citations

355
times ranked

21485
citing authors

#	ARTICLE	IF	CITATIONS
1	How to stop using gadolinium chelates for magnetic resonance imaging: clinical-translational experiences with ferumoxytol. <i>Pediatric Radiology</i> , 2022, 52, 354-366.	1.1	12
2	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.	1.3	4
3	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.	1.2	3
4	Staging Bilateral Total Knee Arthroplasties Reduces Alignment Outliers. <i>Journal of Arthroplasty</i> , 2022, 37, 694-698.	1.5	1
5	Macrophage Polarization and the Osteoimmunology of Periprosthetic Osteolysis. <i>Current Osteoporosis Reports</i> , 2022, 20, 43-52.	1.5	17
6	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.	1.5	7
7	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.	0.6	8
8	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.	1.8	5
9	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, 14.	1.8	6
10	Human Mesenchymal Stem Cell-Derived Miniature Joint System for Disease Modeling and Drug Testing. <i>Advanced Science</i> , 2022, 9, e2105909.	5.6	22
11	Novel Techniques and Future Perspective for Investigating Critical-Size Bone Defects. <i>Bioengineering</i> , 2022, 9, 171.	1.6	11
12	A Review of Biomimetic Topographies and Their Role in Promoting Bone Formation and Osseointegration: Implications for Clinical Use. <i>Biomimetics</i> , 2022, 7, 46.	1.5	15
13	Efficacy of Periarticular Multimodal Analgesic Injection Containing High-Dose Ketorolac versus Triamcinolone in Early Postoperative Total Knee Arthroplasty: A Randomized Controlled Trial. <i>Surgical Technology International</i> , 2022, 40, .	0.1	0
14	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.	1.2	8
15	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.	2.1	17
16	Outcomes of Cemented Total Knee Arthroplasty for Secondary Osteonecrosis of the Knee. <i>Journal of Arthroplasty</i> , 2021, 36, 550-559.	1.5	6
17	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.	1.5	1
18	ARCO Consensus on the Pathogenesis of Non-traumatic Osteonecrosis of the Femoral Head. <i>Journal of Korean Medical Science</i> , 2021, 36, e65.	1.1	46

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19	Osteonecrosis of the Femoral Head: an Updated Review of ARCO on Pathogenesis, Staging and Treatment. <i>Journal of Korean Medical Science</i> , 2021, 36, e177.	1.1	64
20	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, 40.	2.4	27
21	Encapsulated Mesenchymal Stromal Cell Microbeads Promote Endogenous Regeneration of Osteoarthritic Cartilage Ex Vivo. <i>Advanced Healthcare Materials</i> , 2021, 10, 2002118.	3.9	11
22	Current Models for Development of Disease-Modifying Osteoarthritis Drugs. <i>Tissue Engineering - Part C: Methods</i> , 2021, 27, 124-138.	1.1	33
23	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.	0.4	1
24	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.	2.1	14
25	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.	11.6	42
26	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, 631063.	1.8	6
27	Articulating vs Static Spacers for Native Knee Infection in the Setting of Degenerative Joint Disease. <i>Arthroplasty Today</i> , 2021, 8, 138-144.	0.8	1
28	Cell spheroids are as effective as single cells suspensions in the treatment of critical-sized bone defects. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 401.	0.8	8
29	Metabolic Control of Autoimmunity and Tissue Inflammation in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2021, 12, 652771.	2.2	65
30	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, .	0.4	0
31	3D Printing in alloy design to improve biocompatibility in metallic implants. <i>Materials Today</i> , 2021, 45, 20-34.	8.3	74
32	The Effects of Macrophage Phenotype on Osteogenic Differentiation of MSCs in the Presence of Polyethylene Particles. <i>Biomedicines</i> , 2021, 9, 499.	1.4	11
33	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.	1.9	13
34	Modified Kerboul Angle Predicts Outcome of Core Decompression With or Without Additional Cell Therapy. <i>Journal of Arthroplasty</i> , 2021, 36, 1879-1886.	1.5	9
35	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.	1.0	1
36	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.	1.5	7

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37	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.	5.7	12
38	Return to work and productivity loss after surgery: A health economic evaluation. <i>International Journal of Surgery</i> , 2021, 95, 106100.	1.1	8
39	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, 503.	2.4	17
40	Perioperative Statin Use May Reduce Postoperative Arrhythmia Rates After Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, 3401-3405.	1.5	3
41	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, 757830.	1.8	4
42	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, .	0.7	0
43	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.	1.6	3
44	Notching of the Neck After Acetabular Constraint Necessitating Femoral Component Revision. <i>Arthroplasty Today</i> , 2021, 12, 32-35.	0.8	0
45	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, 755964.	2.0	8
46	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.	1.8	2
47	Diagnosis and Treatment of Femoral Head Osteonecrosis: A Protocol for Development of Evidence-Based Clinical Practice Guidelines. <i>Surgical Technology International</i> , 2021, 38, 371-378.	0.1	0
48	Strontium enhances BMP α 2 mediated bone regeneration in a femoral murine bone defect model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 174-182.	1.6	30
49	Venous thromboprophylaxis after total hip arthroplasty: aspirin, warfarin, enoxaparin, or factor Xa inhibitors?. <i>HIP International</i> , 2020, 30, 564-571.	0.9	11
50	Effect of Aging on the Macrophage Response to Titanium Particles. <i>Journal of Orthopaedic Research</i> , 2020, 38, 405-416.	1.2	8
51	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> , 2020, 6, 69-77.	1.6	1
52	Total Knee Arthroplasty Has A Positive Effect on Patients With Low Mental Health Scores. <i>Journal of Arthroplasty</i> , 2020, 35, 112-115.	1.5	12
53	Diagnosis and management of implant debris-associated inflammation. <i>Expert Review of Medical Devices</i> , 2020, 17, 41-56.	1.4	31
54	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.	1.5	155

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55	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.	1.3	15
56	The Cost of Malnutrition in Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 926-932.e1.	1.5	29
57	Initial Presentation and Progression of Secondary Osteonecrosis of the Knee. <i>Journal of Arthroplasty</i> , 2020, 35, 2798-2806.	1.5	7
58	<p>Inflammation, Bone Healing and Osteonecrosis: From Bedside to Bench</p>. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 913-923.	1.6	28
59	<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>. <i>Journal of Pain Research</i> , 2020, Volume 13, 2959-2970.	0.8	8
60	Reply to Letter to the Editor on "Mental Health Status Improves Following Total Knee Arthroplasty". <i>Journal of Arthroplasty</i> , 2020, 35, 2685-2686.	1.5	0
61	Articular cartilage regeneration by activated skeletal stem cells. <i>Nature Medicine</i> , 2020, 26, 1583-1592.	15.2	194
62	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. <i>EclinicalMedicine</i> , 2020, 28, 100596.	3.2	19
63	Interleukin-4 overexpressing mesenchymal stem cells within <sc>gelatin-based</sc> microribbon hydrogels enhance bone healing in a murine long bone critical-size defect model. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 2240-2250.	2.1	28
64	Recent advances in total joint replacement. <i>Journal of Orthopaedic Research</i> , 2020, 38, 1413-1413.	1.2	6
65	Modulation of the Inflammatory Response and Bone Healing. <i>Frontiers in Endocrinology</i> , 2020, 11, 386.	1.5	205
66	The routine use of synovial alpha-defensin is not necessary. <i>Bone and Joint Journal</i> , 2020, 102-B, 593-599.	1.9	19
67	Selective screw fixation is associated with early failure of primary acetabular components for aseptic loosening. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2429-2433.	1.2	4
68	Reimbursement and Complications in Outpatient vs Inpatient Unicompartamental Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, S86-S91.	1.5	12
69	Tumor necrosis factor primes and metal particles activate the NLRP3 inflammasome in human primary macrophages. <i>Acta Biomaterialia</i> , 2020, 108, 347-357.	4.1	32
70	Modifying MSC Phenotype to Facilitate Bone Healing: Biological Approaches. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 641.	2.0	21
71	Nontraumatic Osteonecrosis of the Femoral Head: Where Do We Stand Today?. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 1084-1099.	1.4	164
72	Guidelines for clinical diagnosis and treatment of osteonecrosis of the femoral head in adults (2019) <i>Tj ETQqO 0 0 rgBT /Overlock 10 Tf 5</i>	1.9	182

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73	Knee or Spine Surgery First? A Survey of Treatment Order for Patients With Concurrent Degenerative Knee and Lumbar Spinal Disorders. <i>Journal of Arthroplasty</i> , 2020, 35, 2039-2043.	1.5	8
74	Single-cell mass cytometry reveals cross-talk between inflammation-dampening and inflammation-amplifying cells in osteoarthritic cartilage. <i>Science Advances</i> , 2020, 6, eaay5352.	4.7	52
75	Macrophage Effects on Mesenchymal Stem Cell Osteogenesis in a Three-Dimensional In Vitro Bone Model. <i>Tissue Engineering - Part A</i> , 2020, 26, 1099-1111.	1.6	31
76	Inhibition of TET1 prevents the development of osteoarthritis and reveals the 5hmC landscape that orchestrates pathogenesis. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	34
77	Diagnosis of Osteonecrosis of the Femoral Head: Too Little, Too Late, and Independent of Etiology. <i>Journal of Arthroplasty</i> , 2020, 35, 2342-2349.	1.5	26
78	The Hip in Juvenile Idiopathic Arthritis. <i>The Open Orthopaedics Journal</i> , 2020, 14, 88-94.	0.1	1
79	Inflammation and Bone Repair: From Particle Disease to Tissue Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 230.	2.0	48
80	Optimization and Characterization of Calcium Phosphate Transfection in Mesenchymal Stem Cells. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 543-552.	1.1	4
81	Hematopoietic PBX-interacting protein mediates cartilage degeneration during the pathogenesis of osteoarthritis. <i>Nature Communications</i> , 2019, 10, 313.	5.8	45
82	Computer Navigation vs Conventional Total Hip Arthroplasty: A Medicare Database Analysis. <i>Journal of Arthroplasty</i> , 2019, 34, 1994-1998.e1.	1.5	17
83	Treating Titanium Particle-Induced Inflammation with Genetically Modified NF- κ B Sensing IL-4 Secreting or Preconditioned Mesenchymal Stem Cells in Vitro. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 3032-3038.	2.6	8
84	Improved Range of Motion and Patient-Reported Outcome Scores With Fixed-Bearing Revision Total Knee Arthroplasty for Suboptimal Axial Implant Rotation. <i>Journal of Arthroplasty</i> , 2019, 34, 1174-1178.	1.5	1
85	Bone Regeneration by Controlled Release of Bone Morphogenetic Protein-2: A Rabbit Spinal Fusion Chamber Molecular Study. <i>Tissue Engineering - Part A</i> , 2019, 25, 1356-1368.	1.6	4
86	Factors Associated With Acute Pain Estimation, Postoperative Pain Resolution, Opioid Cessation, and Recovery. <i>JAMA Network Open</i> , 2019, 2, e190168.	2.8	69
87	Osteogenic ability of rat bone marrow concentrate is at least as efficacious as mesenchymal stem cells in vitro. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 2500-2506.	1.6	5
88	Precise immunomodulation of the M1 to M2 macrophage transition enhances mesenchymal stem cell osteogenesis and differs by sex. <i>Bone and Joint Research</i> , 2019, 8, 481-488.	1.3	56
89	Osteochondral Tissue Chip Derived From iPSCs: Modeling OA Pathologies and Testing Drugs. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 411.	2.0	71
90	Cell-Based and Scaffold-Based Therapies for Joint Preservation in Early-Stage Osteonecrosis of the Femoral Head. <i>JBJS Reviews</i> , 2019, 7, e5-e5.	0.8	13

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91	Editorial Comment: 2018 Hip Society Proceedings. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 295-296.	0.7	0
92	CORR Insights®: How Does Mortality Risk Change Over Time After Hip and Knee Arthroplasty?. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 1422-1423.	0.7	0
93	CORR Insights®: CORR® ORS Richard A. Brand Award: Disruption in Peroxisome Proliferator-Activated Receptor- β (PPAR β) Increases Osteonecrosis Risk Through Genetic Variance and Pharmacologic Modulation. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 1813-1814.	0.7	0
94	Periprosthetic Osteolysis: Mechanisms, Prevention and Treatment. <i>Journal of Clinical Medicine</i> , 2019, 8, 2091.	1.0	136
95	Suboptimal patellofemoral alignment is associated with poor clinical outcome scores after primary total knee arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 249-254.	1.3	20
96	Preconditioned or IL4-Secreting Mesenchymal Stem Cells Enhanced Osteogenesis at Different Stages. <i>Tissue Engineering - Part A</i> , 2019, 25, 1096-1103.	1.6	25
97	Statin use is associated with less postoperative cardiac arrhythmia after total hip arthroplasty. <i>HIP International</i> , 2019, 29, 618-623.	0.9	5
98	Two-step stem cell therapy improves bone regeneration compared to concentrated bone marrow therapy. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1318-1328.	1.2	14
99	Etiologic Classification Criteria of ARCO on Femoral Head Osteonecrosis Part 1: Glucocorticoid-Associated Osteonecrosis. <i>Journal of Arthroplasty</i> , 2019, 34, 163-168.e1.	1.5	79
100	Trained murine mesenchymal stem cells have anti-inflammatory effect on macrophages, but defective regulation on T cell proliferation. <i>FASEB Journal</i> , 2019, 33, 4203-4211.	0.2	24
101	Etiologic Classification Criteria of ARCO on Femoral Head Osteonecrosis Part 2: Alcohol-Associated Osteonecrosis. <i>Journal of Arthroplasty</i> , 2019, 34, 169-174.e1.	1.5	51
102	Mesenchymal stem cell-macrophage crosstalk and bone healing. <i>Biomaterials</i> , 2019, 196, 80-89.	5.7	528
103	IgE-mediated mast cell activation promotes inflammation and cartilage destruction in osteoarthritis. <i>ELife</i> , 2019, 8, .	2.8	74
104	<i>Biomaterials in Orthopaedics</i> . , 2019, , 301-307.		1
105	Cryptotanshinone Protects Cartilage against Developing Osteoarthritis through the miR-106a-5p/GLIS3 Axis. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 11, 170-179.	2.3	24
106	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.	0.9	108
107	miR-223-3p Inhibits Human Osteosarcoma Metastasis and Progression by Directly Targeting CDH6. <i>Molecular Therapy</i> , 2018, 26, 1299-1312.	3.7	85
108	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.	0.8	5

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109	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.	0.9	27
110	Editorial Comment: 2017 Hip Society Proceedings. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 214-215.	0.7	2
111	Obesity Is Independently Associated With Early Aseptic Loosening in Primary Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 882-886.	1.5	44
112	Effect of Perioperative Gabapentin on Postoperative Pain Resolution and Opioid Cessation in a Mixed Surgical Cohort. <i>JAMA Surgery</i> , 2018, 153, 303.	2.2	159
113	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.	1.2	11
114	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.	1.2	56
115	Strategies for Weight Reduction Prior to Total Joint Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 1888-1896.	1.4	12
116	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.	3.2	21
117	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.	5.7	58
118	Identification of the Human Skeletal Stem Cell. <i>Cell</i> , 2018, 175, 43-56.e21.	13.5	425
119	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.	1.2	105
120	Protocol-Driven Revision for Stiffness After Total Knee Arthroplasty Improves Motion and Clinical Outcomes. <i>Journal of Arthroplasty</i> , 2018, 33, 2952-2955.	1.5	5
121	Periprosthetic bacterial biofilm and quorum sensing. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2331-2339.	1.2	43
122	Production of GFP and Luciferase-Expressing Reporter Macrophages for In Vivo Bioluminescence Imaging. <i>Methods in Molecular Biology</i> , 2018, 1790, 99-111.	0.4	0
123	NF-κB sensing IL-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.	2.1	37
124	Transplanted interleukin-4-secreting mesenchymal stromal cells show extended survival and increased bone mineral density in the murine femur. <i>Cytherapy</i> , 2018, 20, 1028-1036.	0.3	27
125	A Tissue Engineering Approach for Treating Early Osteonecrosis of the Femoral Head. <i>Regenerative Engineering and Translational Medicine</i> , 2018, 4, 162-166.	1.6	0
126	Effect of Computer Navigation on Complication Rates Following Unicompartamental Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 3437-3440.e1.	1.5	10

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127	Modulating Innate Inflammatory Reactions in the Application of Orthopedic Biomaterials. , 2018, , 199-218.		2
128	Proximal Femoral Shape Changes the Risk of a Leg Length Discrepancy After Primary Total Hip Arthroplasty. Journal of Arthroplasty, 2018, 33, 3699-3703.	1.5	12
129	The biological response to orthopedic implants for joint replacement. II: Polyethylene, ceramics, PMMA, and the foreign body reaction. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 1685-1691.	1.6	91
130	The biological response to orthopaedic implants for joint replacement: Part I: Metals. , 2017, 105, 2162-2173.		95
131	Decreased osteogenesis in mesenchymal stem cells derived from the aged mouse is associated with enhanced NF- κ B activity. Journal of Orthopaedic Research, 2017, 35, 281-288.	1.2	56
132	Use of Cortical Strut Allograft After Extended Trochanteric Osteotomy in Revision Total Hip Arthroplasty. Journal of Arthroplasty, 2017, 32, 1599-1605.	1.5	8
133	Cortical Strut Allograft Support of Modular Femoral Junctions During Revision Total Hip Arthroplasty. Journal of Arthroplasty, 2017, 32, 1586-1592.	1.5	18
134	Response to Letter to the Editor on "Tibiofemoral Dislocation After Total Knee Arthroplasty". Journal of Arthroplasty, 2017, 32, 700.	1.5	0
135	Pharmacological rescue of diabetic skeletal stem cell niches. Science Translational Medicine, 2017, 9, .	5.8	80
136	Weight Gain After Primary Total Knee Arthroplasty Is Associated With Accelerated Time to Revision for Aseptic Loosening. Journal of Arthroplasty, 2017, 32, 2167-2170.	1.5	18
137	Pro-inflammatory M1 macrophages promote Osteogenesis by mesenchymal stem cells via the COX-2-prostaglandin E2 pathway. Journal of Orthopaedic Research, 2017, 35, 2378-2385.	1.2	141
138	CCL2/CCR2, but not CCL5/CCR5, mediates monocyte recruitment, inflammation and cartilage destruction in osteoarthritis. Annals of the Rheumatic Diseases, 2017, 76, 914-922.	0.5	277
139	Reconstruction of Disrupted Extensor Mechanism After Total Knee Arthroplasty. Journal of Arthroplasty, 2017, 32, 3134-3140.	1.5	28
140	Inflammation, ageing, and bone regeneration. Journal of Orthopaedic Translation, 2017, 10, 28-35.	1.9	91
141	Femoral Nerve Catheters Improve Home Disposition and Pain in Hip Fracture Patients Treated With Total Hip Arthroplasty. Journal of Arthroplasty, 2017, 32, 3434-3437.	1.5	12
142	Venous Thromboembolism Prophylaxis After TKA: Aspirin, Warfarin, Enoxaparin, or Factor Xa Inhibitors?. Clinical Orthopaedics and Related Research, 2017, 475, 2205-2213.	0.7	103
143	Outcome of 4 Surgical Treatments for Wear and Osteolysis of Cementless Acetabular Components. Journal of Arthroplasty, 2017, 32, 2799-2805.	1.5	7
144	Mesenchymal stem cells homing to improve bone healing. Journal of Orthopaedic Translation, 2017, 9, 19-27.	1.9	141

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145	The effect of desflurane versus propofol anesthesia on postoperative delirium in elderly obese patients undergoing total knee replacement: A randomized, controlled, double-blinded clinical trial. <i>Journal of Clinical Anesthesia</i> , 2017, 39, 17-22.	0.7	37
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