

# Andre J Van Wijnen

## List of Publications by Year in descending order

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675  
papers

44,450  
citations

2963

93  
h-index

3815

178  
g-index

700  
all docs

700  
docs citations

700  
times ranked

44252  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomechanical, histological, and molecular characterization of a new posttraumatic model of arthrofibrosis in rats. <i>Journal of Orthopaedic Research</i> , 2022, 40, 323-337.	1.2	10
2	Human meniscus allograft augmentation by allogeneic mesenchymal stromal/stem cell injections. <i>Journal of Orthopaedic Research</i> , 2022, 40, 712-726.	1.2	6
3	Brd4 is required for chondrocyte differentiation and endochondral ossification. <i>Bone</i> , 2022, 154, 116234.	1.4	13
4	Biological Effects of Gyrophoric Acid and Other Lichen Derived Metabolites, on Cell Proliferation, Apoptosis and Cell Signaling pathways. <i>Chemico-Biological Interactions</i> , 2022, 351, 109768.	1.7	15
5	Intra-articular celecoxib improves knee extension regardless of surgical release in a rabbit model of arthrofibrosis. <i>Bone and Joint Research</i> , 2022, 11, 32-39.	1.3	6
6	FGFR2 accommodates osteogenic cell fate determination in human mesenchymal stem cells. <i>Gene</i> , 2022, 818, 146199.	1.0	11
7	Architectural control of mesenchymal stem cell phenotype through nuclear actin. <i>Nucleus</i> , 2022, 13, 35-48.	0.6	5
8	Mechanically Induced Nuclear Shuttling of $\beta$ -Catenin Requires Co-transfer of Actin. <i>Stem Cells</i> , 2022, 40, 423-434.	1.4	7
9	Altered TGFB1 regulated pathways promote accelerated tendon healing in the superhealer MRL/MpJ mouse. <i>Scientific Reports</i> , 2022, 12, 3026.	1.6	7
10	Human outgrowth knee fibroblasts from patients undergoing total knee arthroplasty exhibit a unique gene expression profile and undergo myofibroblastogenesis upon TGF $\beta$ 21 stimulation. <i>Journal of Cellular Biochemistry</i> , 2022, 123, 878-892.	1.2	4
11	Population-level Patterns of Prostate Cancer Occurrence: Disparities in Virginia. <i>Current Molecular Biology Reports</i> , 2022, 8, 1-8.	0.8	0
12	Lysine-Specific Demethylase 1 (LSD1) epigenetically controls osteoblast differentiation. <i>PLoS ONE</i> , 2022, 17, e0265027.	1.1	10
13	Revision Surgery After TJR: A Family Affair?. <i>Journal of Bone and Joint Surgery - Series A</i> , 2022, 104, e29.	1.4	0
14	Dynamic Seeding versus Microinjection of Mesenchymal Stem Cells for Acellular Nerve Allograft: An In Vitro Comparison. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2022, , .	0.5	0
15	LncMIR181A1HG is a novel chromatin-bound epigenetic suppressor of early stage osteogenic lineage commitment. <i>Scientific Reports</i> , 2022, 12, 7770.	1.6	4
16	A retrospective evaluation of a decade of Gene Wiki Reviews and their impact. <i>Gene</i> , 2022, 830, 146534.	1.0	0
17	Lactobacillus acidophilus Mitigates Osteoarthritis-Associated Pain, Cartilage Disintegration and Gut Microbiota Dysbiosis in an Experimental Murine OA Model. <i>Biomedicines</i> , 2022, 10, 1298.	1.4	17
18	Fresh Osteochondral Allograft Transplantation in the Knee: A Viability and Histologic Analysis for Optimizing Graft Viability and Expanding Existing Standard Processed Graft Resources Using a Living Donor Cartilage Program. <i>Cartilage</i> , 2021, 13, 948S-956S.	1.4	15

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19	Modernizing Storage Conditions for Fresh Osteochondral Allografts by Optimizing Viability at Physiologic Temperatures and Conditions. <i>Cartilage</i> , 2021, 13, 280S-292S.	1.4	12
20	Autophagy Is Involved in Mesenchymal Stem Cell Death in Coculture with Chondrocytes. <i>Cartilage</i> , 2021, 13, 969S-979S.	1.4	4
21	Global epigenetic alterations of mesenchymal stem cells in obesity: the role of vitamin C reprogramming. <i>Epigenetics</i> , 2021, 16, 705-717.	1.3	14
22	Multiphasic scaffold for scapholunate interosseous ligament reconstruction: A study in the rabbit knee. <i>Journal of Orthopaedic Research</i> , 2021, 39, 1811-1824.	1.2	11
23	Relative mRNA and protein stability of epigenetic regulators in musculoskeletal cell culture models. <i>Gene</i> , 2021, 766, 145032.	1.0	3
24	Inhibition of the catalytic subunit of DNA-dependent protein kinase (DNA-PKcs) stimulates osteoblastogenesis by potentiating bone morphogenetic protein 2 (BMP2) responses. <i>Journal of Cellular Physiology</i> , 2021, 236, 1195-1213.	2.0	4
25	Autogenous Arteriovenous Bundle Implantation Maintains Viability Without Increased Immune Response in Large Porcine Bone Allografts. <i>Transplantation Proceedings</i> , 2021, 53, 417-426.	0.3	1
26	Myeloma-Modified Adipocytes Exhibit Metabolic Dysfunction and a Senescence-Associated Secretory Phenotype. <i>Cancer Research</i> , 2021, 81, 634-647.	0.4	50
27	Combination of BMP2 and EZH2 Inhibition to Stimulate Osteogenesis in a 3D Bone Reconstruction Model. <i>Tissue Engineering - Part A</i> , 2021, 27, 1084-1098.	1.6	16
28	Epigenetic control of skeletal homeostasis and diseases. <i>Bone</i> , 2021, 144, 115797.	1.4	1
29	Low-Dose Tamoxifen Induces Significant Bone Formation in Mice. <i>JBMR Plus</i> , 2021, 5, e10450.	1.3	11
30	Biological functions of chromobox (CBX) proteins in stem cell self-renewal, lineage-commitment, cancer and development. <i>Bone</i> , 2021, 143, 115659.	1.4	52
31	Gene expression profiles of human adipose-derived mesenchymal stem cells dynamically seeded on clinically available processed nerve allografts and collagen nerve guides. <i>Neural Regeneration Research</i> , 2021, 16, 1613.	1.6	7
32	VEGF functionalization of suture tape results in decreased graft inflammatory and catabolic response in a rabbit model of ACL reconstruction. <i>Journal of Cartilage &amp; Joint Preservation</i> , 2021, 1, 100003.	0.2	0
33	Alterations of mesenchymal stromal cells in cerebrospinal fluid: insights from transcriptomics and an ALS clinical trial. <i>Stem Cell Research and Therapy</i> , 2021, 12, 187.	2.4	8
34	Cell Surface Glycoprotein CD24 Marks Bone Marrow-Derived Human Mesenchymal Stem/Stromal Cells with Reduced Proliferative and Differentiation Capacity In Vitro. <i>Stem Cells and Development</i> , 2021, 30, 325-336.	1.1	7
35	Hypoxic preconditioning induces epigenetic changes and modifies swine mesenchymal stem cell angiogenesis and senescence in experimental atherosclerotic renal artery stenosis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 240.	2.4	22
36	Diabetic Kidney Disease Alters the Transcriptome and Function of Human Adipose-Derived Mesenchymal Stromal Cells but Maintains Immunomodulatory and Paracrine Activities Important for Renal Repair. <i>Diabetes</i> , 2021, 70, 1561-1574.	0.3	12

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37	Absence de marqueurs synoviaux spécifiques pour les lésions de prothèse totale de genou pour arthrofibrose. <i>Revue De Chirurgie Orthopedique Et Traumatologique</i> , 2021, 107, 315.	0.0	0
38	Absence of signature inflammatory markers in synovial fluid for total knee arthroplasties revised for arthrofibrosis. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2021, 107, 102870.	0.9	5
39	The Micro-RNA Cargo of Extracellular Vesicles Released by Human Adipose Tissue-Derived Mesenchymal Stem Cells Is Modified by Obesity. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 660851.	1.8	21
40	Lamin A/C Is Dispensable to Mechanical Repression of Adipogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6580.	1.8	10
41	Elevated expression of plasminogen activator inhibitor (PAI-1/SERPINE1) is independent from rs1799889 genotypes in arthrofibrosis. <i>Meta Gene</i> , 2021, 28, 100877.	0.3	1
42	<i>Ezh2</i> Is Essential for Patterning of Multiple Musculoskeletal Tissues but Dispensable for Tendon Differentiation. <i>Stem Cells and Development</i> , 2021, 30, 601-609.	1.1	4
43	Gut-microbiota modulation: The impact of the gut-microbiota on osteoarthritis. <i>Gene</i> , 2021, 785, 145619.	1.0	17
44	Brd4 Inactivation Increases Adenoviral Delivery of <i>BMP2</i> for Paracrine Stimulation of Osteogenic Differentiation as a Gene Therapeutic Concept to Enhance Bone Healing. <i>JBMR Plus</i> , 2021, 5, e10520.	1.3	2
45	Constitutive activation of NF- $\kappa$ B inducing kinase (NIK) in the mesenchymal lineage using Osterix (Sp7)- or Fibroblast-specific protein 1 (S100a4)-Cre drives spontaneous soft tissue sarcoma. <i>PLoS ONE</i> , 2021, 16, e0254426.	1.1	4
46	The dynamic broad epigenetic (H3K4me3, H3K27ac) domain as a mark of essential genes. <i>Clinical Epigenetics</i> , 2021, 13, 138.	1.8	84
47	Toward a Genetic Crystal Ball for Patients with Rotator Cuff Disease. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, e55.	1.4	0
48	Fibroblastic differentiation of mesenchymal stem/stromal cells (MSCs) is enhanced by hypoxia in 3D cultures treated with bone morphogenetic protein 6 (BMP6) and growth and differentiation factor 5 (GDF5). <i>Gene</i> , 2021, 788, 145662.	1.0	3
49	Metabolic Syndrome Is Associated With Altered mRNA and miRNA Content in Human Circulating Extracellular Vesicles. <i>Frontiers in Endocrinology</i> , 2021, 12, 687586.	1.5	4
50	Acquired Idiopathic Stiffness After Contemporary Total Knee Arthroplasty: Incidence, Risk Factors, and Results Over 25 Years. <i>Journal of Arthroplasty</i> , 2021, 36, 2980-2985.	1.5	14
51	Differentially Expressed Functional lncRNAs in Human Subjects With Metabolic Syndrome Reflect a Competing Endogenous RNA Network in Circulating Extracellular Vesicles. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 667056.	1.6	4
52	<i>Ezh2</i> knockout in mesenchymal cells causes enamel hyper-mineralization. <i>Biochemical and Biophysical Research Communications</i> , 2021, 567, 72-78.	1.0	8
53	Surface Roughness of Titanium Orthopedic Implants Alters the Biological Phenotype of Human Mesenchymal Stromal Cells. <i>Tissue Engineering - Part A</i> , 2021, 27, 1503-1516.	1.6	14
54	Identification of novel therapeutic targets for contrast induced acute kidney injury (CI-AKI): alpha blockers as a therapeutic strategy for CI-AKI. <i>Translational Research</i> , 2021, 235, 32-47.	2.2	5

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55	Arabidopsis thaliana and Oryza sativa receptor for activated C kinase 1 (RACK1) mediated signaling pathway shows hypersensitivity to oxidative stress. <i>Plant Gene</i> , 2021, 27, 100299.	1.4	2
56	Multiple pharmacological inhibitors targeting the epigenetic suppressor enhancer of zeste homolog 2 (Ezh2) accelerate osteoblast differentiation. <i>Bone</i> , 2021, 150, 115993.	1.4	25
57	Osteoblast biology: developmental origin and interactive nature of osteoblasts. , 2021, , 111-134.		1
58	Polysaccharide from <i>Angelica sinensis</i> attenuates SNP-induced apoptosis in osteoarthritis chondrocytes by inducing autophagy via the ERK1/2 pathway. <i>Arthritis Research and Therapy</i> , 2021, 23, 47.	1.6	12
59	Engineering Cartilage Tissue by Co-culturing of Chondrocytes and Mesenchymal Stromal Cells. <i>Methods in Molecular Biology</i> , 2021, 2221, 53-70.	0.4	2
60	Differences in Cytotoxicity of Lidocaine, Ropivacaine, and Bupivacaine on the Viability and Metabolic Activity of Human Adipose-Derived Mesenchymal Stem Cells. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021, 100, 82-91.	0.7	9
61	ANTERIOR CRUCIATE LIGAMENT GRAFT HEALING BY PEPTIDE-BASED VASCULAR ENDOTHELIAL GROWTH FACTOR AND BONE MORPHOGENETIC PROTEIN RECRUITMENT. <i>Journal of Cartilage &amp; Joint Preservation</i> , 2021, , 100030.	0.2	0
62	Are Serum Ion Levels Elevated in Pediatric Patients With Metal Implants?. <i>Journal of Pediatric Orthopaedics</i> , 2021, Publish Ahead of Print, .	0.6	5
63	Hinfp is a guardian of the somatic genome by repressing transposable elements. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	7
64	MicroRNA-141 and miR-200a induce the chondrogenic cell fate in human periodontal ligament cells by targeting TWIST2 and KLF12. <i>Gene Reports</i> , 2021, 25, 101414.	0.4	1
65	Adhesion, distribution, and migration of differentiated and undifferentiated mesenchymal stem cells (MSCs) seeded on nerve allografts. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 81-89.	0.5	10
66	Hypothermia and nutrient deprivation alter viability of human adipose-derived mesenchymal stem cells. <i>Gene</i> , 2020, 722, 144058.	1.0	9
67	Gene expression profiles of differentiated and undifferentiated adipose derived mesenchymal stem cells dynamically seeded onto a processed nerve allograft. <i>Gene</i> , 2020, 724, 144151.	1.0	20
68	Knockdown of formin mDia2 alters lamin B1 levels and increases osteogenesis in stem cells. <i>Stem Cells</i> , 2020, 38, 102-117.	1.4	13
69	Transcriptomic Analysis of Cellular Pathways in Healing Flexor Tendons of Plasminogen Activator Inhibitor 1 (PAI-1/Serpine1) Null Mice. <i>Journal of Orthopaedic Research</i> , 2020, 38, 43-58.	1.2	15
70	Challenges in the Measurement and Interpretation of Serum Titanium Concentrations. <i>Biological Trace Element Research</i> , 2020, 196, 20-26.	1.9	10
71	Neo-angiogenesis, Transplant Viability, and Molecular Analyses of Vascularized Bone Allografts in a Large Animal Model. <i>Journal of Orthopaedic Research</i> , 2020, 38, 288-296.	1.2	4
72	The epigenetic reader Brd4 is required for osteoblast differentiation. <i>Journal of Cellular Physiology</i> , 2020, 235, 5293-5304.	2.0	21

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73	Absence of VEGFR $\beta$ /Flt $\beta$ signaling pathway in mice results in insensitivity to discogenic low back pain in an established disc injury mouse model. <i>Journal of Cellular Physiology</i> , 2020, 235, 5305-5317.	2.0	15
74	Response to Letter to the Editor on "Cobalt and Chromium Ion Release in Metal-on-Polyethylene and Ceramic-on-Polyethylene THA: A Simulator Study With Cellular and Microbiological Correlations". <i>Journal of Arthroplasty</i> , 2020, 35, 1167.	1.5	0
75	Enhancing the Efficacy of Stem Cell Therapy with Glycosaminoglycans. <i>Stem Cell Reports</i> , 2020, 14, 105-121.	2.3	10
76	ECHO, the executable CHondrocyte: A computational model to study articular chondrocytes in health and disease. <i>Cellular Signalling</i> , 2020, 68, 109471.	1.7	13
77	Light chain amyloidosis induced inflammatory changes in cardiomyocytes and adipose-derived mesenchymal stromal cells. <i>Leukemia</i> , 2020, 34, 1383-1393.	3.3	17
78	Sustained perfusion of revascularized bioengineered livers heterotopically transplanted into immunosuppressed pigs. <i>Nature Biomedical Engineering</i> , 2020, 4, 437-445.	11.6	38
79	Cobalt and Chromium Ion Release in Metal-on-Polyethylene and Ceramic-on-Polyethylene THA: A Simulator Study With Cellular and Microbiological Correlations. <i>Journal of Arthroplasty</i> , 2020, 35, 1123-1129.	1.5	15
80	Genetic background dependent modifiers of craniosynostosis severity. <i>Journal of Structural Biology</i> , 2020, 212, 107629.	1.3	9
81	A Potential Theragnostic Regulatory Axis for Arthrofibrosis Involving Adiponectin (ADIPOQ) Receptor 1 and 2 (ADIPOR1 and ADIPOR2), TGF $\beta$ 1, and Smooth Muscle $\alpha$ -Actin (ACTA2). <i>Journal of Clinical Medicine</i> , 2020, 9, 3690.	1.0	8
82	Anti-fibrotic effects of the antihistamine ketotifen in a rabbit model of arthrofibrosis. <i>Bone and Joint Research</i> , 2020, 9, 302-310.	1.3	16
83	Injectable Biologics. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2020, 99, 950-960.	0.7	10
84	Introducing human adipose-derived mesenchymal stem cells to Avance $\text{®}$ nerve grafts and NeuraGen $\text{®}$ nerve guides. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 1473-1481.	0.5	10
85	Human Fibrosis: Is There Evidence for a Genetic Predisposition in Musculoskeletal Tissues?. <i>Journal of Arthroplasty</i> , 2020, 35, 3343-3352.	1.5	18
86	Total protein staining is superior to classical or tissue-specific protein staining for standardization of protein biomarkers in heterogeneous tissue samples. <i>Gene Reports</i> , 2020, 19, 100641.	0.4	5
87	Molecular pathology of human knee arthrofibrosis defined by RNA sequencing. <i>Genomics</i> , 2020, 112, 2703-2712.	1.3	28
88	Reduction of arthrofibrosis utilizing a collagen membrane drug-eluting scaffold with celecoxib and subcutaneous injections with ketotifen. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2474-2483.	1.2	14
89	Therapeutic Effect of Adipose Derived Mesenchymal Stem Cell Transplantation in Reducing Restenosis in a Murine Angioplasty Model. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 1781-1795.	3.0	17
90	Surgical angiogenesis modifies the cellular environment of nerve allografts in a rat sciatic nerve defect model. <i>Gene</i> , 2020, 751, 144711.	1.0	8

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91	Functional expression of ZNF467 and PCBP2 supports adipogenic lineage commitment in adipose-derived mesenchymal stem cells. <i>Gene</i> , 2020, 737, 144437.	1.0	6
92	Topical vancomycin for treatment of methicillin-resistant <i>Staphylococcus epidermidis</i> infection in a rat spinal implant model. <i>Spine Deformity</i> , 2020, 8, 553-559.	0.7	8
93	Mechanical strain-mediated reduction in RANKL expression is associated with RUNX2 and BRD2. <i>Gene: X</i> , 2020, 763, 100027.	2.3	16
94	Identification of osteolineage cell-derived extracellular vesicle cargo implicated in hematopoietic support. <i>FASEB Journal</i> , 2020, 34, 5435-5452.	0.2	10
95	FSTL1 promotes nitric oxide-induced chondrocyte apoptosis via activating the SAPK/JNK/caspase3 signaling pathway. <i>Gene</i> , 2020, 732, 144339.	1.0	9
96	Phenotypic, Transcriptional, and Functional Analysis of Liver Mesenchymal Stromal Cells and Their Immunomodulatory Properties. <i>Liver Transplantation</i> , 2020, 26, 549-563.	1.3	9
97	Spine Disorders and Regenerative Rehabilitation. <i>Current Physical Medicine and Rehabilitation Reports</i> , 2020, 8, 30-36.	0.3	2
98	Wnt/Catenin Preserves the Stem State of Murine Bone Marrow Stromal Cells Through Activation of EZH2. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 1149-1162.	3.1	42
99	Inhibition of the epigenetic suppressor EZH2 primes osteogenic differentiation mediated by BMP2. <i>Journal of Biological Chemistry</i> , 2020, 295, 7877-7893.	1.6	51
100	Transplant chimerism in porcine structural vascularized bone allotransplants. <i>Gene</i> , 2020, 747, 144627.	1.0	0
101	Lumbar intervertebral disc mRNA sequencing identifies the regulatory pathway in patients with disc herniation and spondylolisthesis. <i>Gene</i> , 2020, 750, 144634.	1.0	15
102	Epigenetic Control of Osteoblast Differentiation by Chromobox 3 (Cbx3) Protein 3. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
103	Follistatin-like protein 1 induction of matrix metalloproteinase 1, 3 and 13 gene expression in rheumatoid arthritis synoviocytes requires MAPK, JAK/STAT3 and NF- $\kappa$ B pathways. <i>Journal of Cellular Physiology</i> , 2019, 234, 454-463.	2.0	51
104	Cytotoxic Effects of Nonionic Iodinated Contrast Agent on Human Adipose-Derived Mesenchymal Stem Cells. <i>PM and R</i> , 2019, 11, 45-55.	0.9	5
105	Inhibition of COX-2 Pathway as a Potential Prophylaxis Against Arthrofibrogenesis in a Rabbit Model of Joint Contracture. <i>Journal of Orthopaedic Research</i> , 2019, 37, 2609-2620.	1.2	29
106	Scapholunate Ligament Internal Brace 360 Tenodesis (SLITT) Procedure: A Biomechanical Study. <i>Journal of Wrist Surgery</i> , 2019, 08, 250-254.	0.3	10
107	MicroRNA Applications in Marine Biology. <i>Current Molecular Biology Reports</i> , 2019, 5, 167-175.	0.8	3
108	Defining the baseline transcriptional fingerprint of rabbit hamstring autograft. <i>Gene Reports</i> , 2019, 15, 100363.	0.4	4

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109	Induction of chondrogenic or mesenchymal stem cells from human periodontal ligament cells through inhibition of Twist2 or Klf12. <i>Journal of Oral Science</i> , 2019, 61, 313-320.	0.7	6
110	Seeding decellularized nerve allografts with adipose-derived mesenchymal stromal cells: An in vitro analysis of the gene expression and growth factors produced. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2019, 72, 1316-1325.	0.5	20
111	Circulating microRNA-23b as a new biomarker for rheumatoid arthritis. <i>Gene</i> , 2019, 712, 143911.	1.0	33
112	Extracellular vesicles from osteosarcoma cell lines contain miRNAs associated with cell adhesion and apoptosis. <i>Gene</i> , 2019, 710, 246-257.	1.0	44
113	Gene regulation through dynamic actin control of nuclear structure. <i>Experimental Biology and Medicine</i> , 2019, 244, 1345-1353.	1.1	21
114	A Versatile Protocol for Studying Anterior Cruciate Ligament Reconstruction in a Rabbit Model. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 191-196.	1.1	5
115	TG-interacting factor 1 (Tgif1)-deficiency attenuates bone remodeling and blunts the anabolic response to parathyroid hormone. <i>Nature Communications</i> , 2019, 10, 1354.	5.8	28
116	Targeted stimulation of MSCs in peripheral nerve repair. <i>Gene</i> , 2019, 710, 17-23.	1.0	40
117	Higher order genomic organization and epigenetic control maintain cellular identity and prevent breast cancer. <i>Genes Chromosomes and Cancer</i> , 2019, 58, 484-499.	1.5	11
118	Epigenetics as a New Frontier in Orthopedic Regenerative Medicine and Oncology. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1465-1474.	1.2	49
119	Alterations in genetic and protein content of swine adipose tissue-derived mesenchymal stem cells in the metabolic syndrome. <i>Stem Cell Research</i> , 2019, 37, 101423.	0.3	17
120	Effect of Lidocaine on Viability and Gene Expression of Human Adipose-derived Mesenchymal Stem Cells: An in vitro Study. <i>PM and R</i> , 2019, 11, 1218-1227.	0.9	4
121	<i>In vivo</i> assessment of high-molecular-weight polyethylene core suture tape for intra-articular ligament reconstruction. <i>Bone and Joint Journal</i> , 2019, 101-B, 1238-1247.	1.9	26
122	A multi-chamber tissue culture device for load-dependent parallel evaluation of tendon explants. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 549.	0.8	1
123	CORR® ORS Richard A. Brand Award: Disruption in Peroxisome Proliferator-Activated Receptor- $\gamma$ 3 (PPARG) Increases Osteonecrosis Risk Through Genetic Variance and Pharmacologic Modulation. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 1800-1812.	0.7	10
124	Inhibition of PARP Sensitizes Chondrosarcoma Cell Lines to Chemo- and Radiotherapy Irrespective of the IDH1 or IDH2 Mutation Status. <i>Cancers</i> , 2019, 11, 1918.	1.7	24
125	Acquired Idiopathic Stiffness After Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 1320-1330.	1.4	56
126	A New "Vicious Cycle": Bidirectional Interactions Between Myeloma Cells and Adipocytes. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2019, 19, e88-e89.	0.2	1



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127	Mllâ€œCOMPASS complexes mediate H3K4me3 enrichment and transcription of the osteoblast master gene Runx2/p57 in osteoblasts. <i>Journal of Cellular Physiology</i> , 2019, 234, 6244-6253.	2.0	15
128	Office-Based Mesenchymal Stem Cell Therapy for the Treatment of Musculoskeletal Disease: A Systematic Review of Recent Human Studies. <i>Pain Medicine</i> , 2019, 20, 1570-1583.	0.9	20
129	Dickkopf-1 reduces hypertrophic changes in human chondrocytes derived from bone marrow stem cells. <i>Gene</i> , 2019, 687, 228-237.	1.0	8
130	MiR-202-3p regulates interleukin-1 $\beta$ -induced expression of matrix metalloproteinase 1 in human nucleus pulposus. <i>Gene</i> , 2019, 687, 156-165.	1.0	30
131	Molecular signatures of multiple myeloma progression through single cell RNA-Seq. <i>Blood Cancer Journal</i> , 2019, 9, 2.	2.8	74
132	The cancerâ€œrelated transcription factor RUNX2 modulates expression and secretion of the matricellular protein osteopontin in osteosarcoma cells to promote adhesion to endothelial pulmonary cells and lung metastasis. <i>Journal of Cellular Physiology</i> , 2019, 234, 13659-13679.	2.0	43
133	Metabolic Syndrome Modulates Protein Import into the Mitochondria of Porcine Mesenchymal Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 427-438.	5.6	13
134	<i>miR-219a-5p</i> Regulates Ror $\beta$ During Osteoblast Differentiation and in Age-related Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 135-144.	3.1	35
135	RUNX1â€œdependent mechanisms in biological control and dysregulation in cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 8597-8609.	2.0	48
136	InÂVivo Survival of Mesenchymal Stromal Cellâ€œEnhanced Decellularized Nerve Grafts for Segmental Peripheral Nerve Reconstruction. <i>Journal of Hand Surgery</i> , 2019, 44, 514.e1-514.e11.	0.7	16
137	Molecular pathology of adverse local tissue reaction caused by metal-on-metal implants defined by RNA-seq. <i>Genomics</i> , 2019, 111, 1404-1411.	1.3	12
138	Pharmacological targeting of the mammalian clock reveals a novel analgesic for osteoarthritis-induced pain. <i>Gene</i> , 2018, 655, 1-12.	1.0	29
139	Validation of a dynamic joint contracture measuring device in a live rabbit model of arthrofibrosis. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2186-2192.	1.2	10
140	VEGF-mediated angiogenesis and vascularization of a fumarate-crosslinked polycaprolactone (PCLF) scaffold. <i>Connective Tissue Research</i> , 2018, 59, 542-549.	1.1	23
141	Fibrin glue mediated delivery of bone anabolic reagents to enhance healing of tendon to bone. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 5715-5724.	1.2	9
142	Fabrication of polycaprolactone-silanated $\beta$ -tricalcium phosphate-heparan sulfate scaffolds for spinal fusion applications. <i>Spine Journal</i> , 2018, 18, 818-830.	0.6	12
143	RNA sequencing identifies gene regulatory networks controlling extracellular matrix synthesis in intervertebral disk tissues. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1356-1369.	1.2	26
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