

Micheal J Zuscik

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7401698/publications.pdf>

Version: 2024-02-01

40
papers

2,062
citations

218592

26
h-index

289141

40
g-index

40
all docs

40
docs citations

40
times ranked

3078
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of chondrogenesis and chondrocyte differentiation by stress. <i>Journal of Clinical Investigation</i> , 2008, 118, 429-438.	3.9	194
2	Targeting the gut microbiome to treat the osteoarthritis of obesity. <i>JCI Insight</i> , 2018, 3, .	2.3	166
3	Teriparatide as a Chondroregenerative Therapy for Injury-Induced Osteoarthritis. <i>Science Translational Medicine</i> , 2011, 3, 101ra93.	5.8	145
4	High-fat diet accelerates progression of osteoarthritis after meniscal/ligamentous injury. <i>Arthritis Research and Therapy</i> , 2011, 13, R198.	1.6	108
5	Suppressive Effects of Insulin on Tumor Necrosis Factor-Dependent Early Osteoarthritic Changes Associated With Obesity and Type 2 Diabetes Mellitus. <i>Arthritis and Rheumatology</i> , 2016, 68, 1392-1402.	2.9	91
6	Delayed Fracture Healing and Increased Callus Adiposity in a C57BL/6J Murine Model of Obesity-Associated Type 2 Diabetes Mellitus. <i>PLoS ONE</i> , 2014, 9, e99656.	1.1	88
7	A dual role for NOTCH signaling in joint cartilage maintenance and osteoarthritis. <i>Science Signaling</i> , 2015, 8, ra71.	1.6	83
8	Parathyroid hormone-related peptide (PTHrP) inhibits Runx2 expression through the PKA signaling pathway. <i>Experimental Cell Research</i> , 2004, 299, 128-136.	1.2	82
9	Erythropoietin Accelerates Functional Recovery After Peripheral Nerve Injury. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 1644-1653.	1.4	80
10	PGE2 inhibits chondrocyte differentiation through PKA and PKC signaling. <i>Experimental Cell Research</i> , 2004, 300, 159-169.	1.2	79
11	The gut microbiome-joint connection: implications in osteoarthritis. <i>Current Opinion in Rheumatology</i> , 2020, 32, 92-101.	2.0	64
12	Smurf2 induces degradation of GSK-3 β and upregulates β -catenin in chondrocytes: A potential mechanism for Smurf2-induced degeneration of articular cartilage. <i>Experimental Cell Research</i> , 2009, 315, 2386-2398.	1.2	59
13	4-Aminopyridine promotes functional recovery and remyelination in acute peripheral nerve injury. <i>EMBO Molecular Medicine</i> , 2016, 8, 1409-1420.	3.3	58
14	DNA methyltransferase 3b regulates articular cartilage homeostasis by altering metabolism. <i>JCI Insight</i> , 2017, 2, .	2.3	55
15	Chondrocyte-Specific RUNX2 Overexpression Accelerates Post-traumatic Osteoarthritis Progression in Adult Mice. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1676-1689.	3.1	51
16	5-azacytidine alters TGF- β and BMP signaling and induces maturation in articular chondrocytes. <i>Journal of Cellular Biochemistry</i> , 2004, 92, 316-331.	1.2	50
17	Tendon Repair Is Compromised in a High Fat Diet-Induced Mouse Model of Obesity and Type 2 Diabetes. <i>PLoS ONE</i> , 2014, 9, e91234.	1.1	50
18	Establishment of an index with increased sensitivity for assessing murine arthritis. <i>Journal of Orthopaedic Research</i> , 2011, 29, 1145-1151.	1.2	45

#	ARTICLE	IF	CITATIONS
19	Immature mice are more susceptible to the detrimental effects of high fat diet on cancellous bone in the distal femur. <i>Bone</i> , 2013, 57, 174-183.	1.4	45
20	Notch signaling controls chondrocyte hypertrophy via indirect regulation of Sox9. <i>Bone Research</i> , 2015, 3, 15021.	5.4	41
21	A Humoral Immune Defect Distinguishes the Response to <i>Staphylococcus aureus</i> Infections in Mice with Obesity and Type 2 Diabetes from That in Mice with Type 1 Diabetes. <i>Infection and Immunity</i> , 2015, 83, 2264-2274.	1.0	38
22	Daily oral consumption of hydrolyzed type 1 collagen is chondroprotective and anti-inflammatory in murine posttraumatic osteoarthritis. <i>PLoS ONE</i> , 2017, 12, e0174705.	1.1	38
23	Lead alters parathyroid hormone-related peptide and transforming growth factor- β 1 effects and AP-1 and NF- κ B signaling in chondrocytes. <i>Journal of Orthopaedic Research</i> , 2002, 20, 811-818.	1.2	34
24	Ski inhibits TGF β 1/phospho β 1 signaling and accelerates hypertrophic differentiation in chondrocytes. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 2156-2166.	1.2	34
25	Extraction of high-quality RNA from human articular cartilage. <i>Analytical Biochemistry</i> , 2017, 518, 134-138.	1.1	34
26	Impaired Angiogenesis during Fracture Healing in GPCR Kinase 2 Interacting Protein-1 (GIT1) Knock Out Mice. <i>PLoS ONE</i> , 2014, 9, e89127.	1.1	30
27	Paroxetine-mediated GRK2 inhibition is a disease-modifying treatment for osteoarthritis. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	27
28	Attenuated Joint Tissue Damage Associated With Improved Synovial Lymphatic Function Following Treatment With Bortezomib in a Mouse Model of Experimental Posttraumatic Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2019, 71, 244-257.	2.9	26
29	IKK β -NF κ B signaling in adult chondrocytes promotes the onset of age-related osteoarthritis in mice. <i>Science Signaling</i> , 2021, 14, eabf3535.	1.6	24
30	CCN1 Regulates Chondrocyte Maturation and Cartilage Development. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 549-559.	3.1	22
31	Erythropoietin accelerates functional recovery after moderate sciatic nerve crush injury. <i>Muscle and Nerve</i> , 2017, 56, 143-151.	1.0	21
32	Growth Plate Chondrocyte Maturation Is Regulated by Basal Intracellular Calcium. <i>Experimental Cell Research</i> , 2002, 276, 310-319.	1.2	20
33	A White Paper on Collagen Hydrolyzates and Ultrahydrolyzates: Potential Supplements to Support Joint Health in Osteoarthritis?. <i>Current Rheumatology Reports</i> , 2021, 23, 78.	2.1	19
34	Shoulder arthritis secondary to rotator cuff tear: A reproducible murine model and histopathologic scoring system. <i>Journal of Orthopaedic Research</i> , 2017, 35, 506-514.	1.2	17
35	Surgical Induction of Posttraumatic Osteoarthritis in the Mouse. <i>Methods in Molecular Biology</i> , 2014, 1130, 61-72.	0.4	15
36	Naked mole-rats are extremely resistant to post-traumatic osteoarthritis. <i>Aging Cell</i> , 2020, 19, e13255.	3.0	11

#	ARTICLE	IF	CITATIONS
37	Parathyroid hormone-related peptide regulation of chick tibial growth plate chondrocyte maturation requires protein kinase A. <i>Journal of Orthopaedic Research</i> , 2002, 20, 1079-1090.	1.2	9
38	Pharmacological Attenuation of Electrical Effects in a Model of Compression Neuropathy. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 523-530.	1.4	4
39	Understanding the Transcriptomic Landscape to Drive New Innovations in Musculoskeletal Regenerative Medicine. <i>Current Osteoporosis Reports</i> , 2022, 20, 141-152.	1.5	3
40	Surgical Induction of Posttraumatic Osteoarthritis in the Mouse. <i>Methods in Molecular Biology</i> , 2021, 2230, 91-103.	0.4	2