

Robert A Mooney

List of Publications by Year in descending order

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31
papers

2,869
citations

257450

24
h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

4495
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin-6 Induces Cellular Insulin Resistance in Hepatocytes. <i>Diabetes</i> , 2002, 51, 3391-3399.	0.6	717
2	Suppressor of Cytokine Signaling-3 (SOCS-3), a Potential Mediator of Interleukin-6-dependent Insulin Resistance in Hepatocytes. <i>Journal of Biological Chemistry</i> , 2003, 278, 13740-13746.	3.4	521
3	Hepatocytes: critical for glucose homeostasis. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 753-758.	2.8	278
4	Targeting the gut microbiome to treat the osteoarthritis of obesity. <i>JCI Insight</i> , 2018, 3, .	5.0	166
5	Teriparatide as a Chondroregenerative Therapy for Injury-Induced Osteoarthritis. <i>Science Translational Medicine</i> , 2011, 3, 101ra93.	12.4	145
6	High-fat diet accelerates progression of osteoarthritis after meniscal/ligamentous injury. <i>Arthritis Research and Therapy</i> , 2011, 13, R198.	3.5	108
7	High-Fat Diet Causes Bone Loss in Young Mice by Promoting Osteoclastogenesis Through Alteration of the Bone Marrow Environment. <i>Calcified Tissue International</i> , 2015, 96, 313-323.	3.1	99
8	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.	5.6	91
9	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.	2.5	88
10	Mouse Liver Dispersion for the Diagnosis of Early-Stage Fatty Liver Disease: A 70-Sample Study. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 704-713.	1.5	65
11	COUNTERPOINT: INTERLEUKIN-6 DOES NOT HAVE A BENEFICIAL ROLE IN INSULIN SENSITIVITY AND GLUCOSE HOMEOSTASIS. <i>Journal of Applied Physiology</i> , 2007, 102, 816-818.	2.5	64
12	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.	2.5	50
13	Effects of Combined Exposure to Lead and High-Fat Diet on Bone Quality in Juvenile Male Mice. <i>Environmental Health Perspectives</i> , 2015, 123, 935-943.	6.0	49
14	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.	2.9	45
15	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.	2.2	38
16	Recommendations for design and conduct of preclinical in vivo studies of orthopedic device-related infection. <i>Journal of Orthopaedic Research</i> , 2019, 37, 271-287.	2.3	38
17	Daily oral consumption of hydrolyzed type 1 collagen is chondroprotective and anti-inflammatory in murine posttraumatic osteoarthritis. <i>PLoS ONE</i> , 2017, 12, e0174705.	2.5	38
18	Adaptive Upregulation of Clumping Factor A (ClfA) by <i>Staphylococcus aureus</i> in the Obese, Type 2 Diabetic Host Mediates Increased Virulence. <i>Infection and Immunity</i> , 2017, 85, .	2.2	33

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19	PTP LAR Expression Compared to Prognostic Indices in Metastatic and Non-Metastatic Breast Cancer. <i>Breast Cancer Research and Treatment</i> , 2000, 64, 221-228.	2.5	31
20	Obesity/type 2 diabetes increases inflammation, periosteal reactive bone formation, and osteolysis during <i>Staphylococcus aureus</i> implant-associated bone infection. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1614-1623.	2.3	30
21	Altered glucose homeostasis in mice lacking the receptor protein tyrosine phosphatase sigmaThis paper is one of a selection of papers published in this Special issue, entitled Second Messengers and Phosphoproteins"12th International Conference.. <i>Canadian Journal of Physiology and Pharmacology</i> , 2006, 84, 755-763.	1.4	26
22	Shear Wave Dispersion in Lean Versus Steatotic Rat Livers. <i>Journal of Ultrasound in Medicine</i> , 2015, 34, 1123-1129.	1.7	26
23	The Leukocyte Common Antigen-Related Protein LAR: Candidate PTP for Inhibitory Targeting. <i>Current Topics in Medicinal Chemistry</i> , 2003, 3, 809-819.	2.1	25
24	Novel approach to the study of the regulation of hormone-sensitive lipase in rat adipocytes. Permeabilization of cells with digitonin. <i>FEBS Journal</i> , 1983, 136, 603-608.	0.2	24
25	Exacerbated <i>Staphylococcus aureus</i> Foot Infections in Obese/Diabetic Mice Are Associated with Impaired Germinal Center Reactions, Ig Class Switching, and Humoral Immunity. <i>Journal of Immunology</i> , 2018, 201, 560-572.	0.8	21
26	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.	2.3	17
27	Modulation of Gut Microbiota Metabolism in Obesity-Related Type 2 Diabetes Reduces Osteomyelitis Severity. <i>Microbiology Spectrum</i> , 2022, 10, e0017022.	3.0	13
28	Methionine Metabolites in Patients With Sepsis. <i>Journal of Intensive Care Medicine</i> , 2018, 33, 37-47.	2.8	10
29	The Response of <i>nor</i> and <i>nos</i> Contributes to <i>Staphylococcus aureus</i> Virulence and Metabolism. <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	7
30	Three novel mutations of ARG1 identified in Chinese patients with argininemia detected by newborn screening. <i>Clinica Chimica Acta</i> , 2017, 466, 68-71.	1.1	5
31	Pseudo-anion gap acidosis. <i>CKJ: Clinical Kidney Journal</i> , 2008, 1, 94-96.	2.9	1