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	Modulation of Gut Microbiota Metabolism in Obesity-Related Type 2 Diabetes Reduces Osteomyelitis Severity. Microbiology Spectrum, 2022, 10, e0017022.	3.0	13
2	Recommendations for design and conduct of preclinical in vivo studies of orthopedic deviceâ€related infection. Journal of Orthopaedic Research, 2019, 37, 271-287.	2.3	38
3	The Response of nor and nos Contributes to Staphylococcus aureus Virulence and Metabolism. Journal of Bacteriology, 2019, 201, .	2.2	7
4	Methionine Metabolites in Patients With Sepsis. Journal of Intensive Care Medicine, 2018, 33, 37-47.	2.8	10
5	Obesity/type 2 diabetes increases inflammation, periosteal reactive bone formation, and osteolysis during Staphylococcus aureus implantâ€associated bone infection. Journal of Orthopaedic Research, 2018, 36, 1614-1623.	2.3	30
6	Targeting the gut microbiome to treat the osteoarthritis of obesity. JCI Insight, 2018, 3, .	5.0	166
7	Exacerbated Staphylococcus aureus Foot Infections in Obese/Diabetic Mice Are Associated with Impaired Germinal Center Reactions, Ig Class Switching, and Humoral Immunity. Journal of Immunology, 2018, 201, 560-572.	0.8	21
8	Three novel mutations of ARG1 identified in Chinese patients with argininemia detected by newborn screening. Clinica Chimica Acta, 2017, 466, 68-71.	1.1	5
9	Adaptive Upregulation of Clumping Factor A (ClfA) by Staphylococcus aureus in the Obese, Type 2 Diabetic Host Mediates Increased Virulence. Infection and Immunity, 2017, 85, .	2.2	33
10	Shoulder arthritis secondary to rotator cuff tear: A reproducible murine model and histopathologic scoring system. Journal of Orthopaedic Research, 2017, 35, 506-514.	2.3	17
11	Daily oral consumption of hydrolyzed type 1 collagen is chondroprotective and anti-inflammatory in murine posttraumatic osteoarthritis. PLoS ONE, 2017, 12, e0174705.	2.5	38
12	Suppressive Effects of Insulin on Tumor Necrosis Factorâ€“Dependent Early Osteoarthritic Changes Associated With Obesity and Type 2 Diabetes Mellitus. Arthritis and Rheumatology, 2016, 68, 1392-1402.	5.6	91
13	Effects of Combined Exposure to Lead and High-Fat Diet on Bone Quality in Juvenile Male Mice. Environmental Health Perspectives, 2015, 123, 935-943.	6.0	49
14	Shear Wave Dispersion in Lean Versus Steatotic Rat Livers. Journal of Ultrasound in Medicine, 2015, 34, 1123-1129.	1.7	26
15	A Humoral Immune Defect Distinguishes the Response to Staphylococcus aureus Infections in Mice with Obesity and Type 2 Diabetes from That in Mice with Type 1 Diabetes. Infection and Immunity, 2015, 83, 2264-2274.	2.2	38
16	High-Fat Diet Causes Bone Loss in Young Mice by Promoting Osteoclastogenesis Through Alteration of the Bone Marrow Environment. Calcified Tissue International, 2015, 96, 313-323.	3.1	99
17	Tendon Repair Is Compromised in a High Fat Diet-Induced Mouse Model of Obesity and Type 2 Diabetes. PLoS ONE, 2014, 9, e91234.	2.5	50
18	Delayed Fracture Healing and Increased Callus Adiposity in a C57BL/6J Murine Model of Obesity-Associated Type 2 Diabetes Mellitus. PLoS ONE, 2014, 9, e99656.	2.5	88

#	Article	IF	Citations
19	Mouse Liver Dispersion for the Diagnosis of Early-Stage Fatty Liver Disease: A 70-Sample Study. Ultrasound in Medicine and Biology, 2014, 40, 704-713.	1.5	65
20	Immature mice are more susceptible to the detrimental effects of high fat diet on cancellous bone in the distal femur. Bone, 2013, 57, 174-183.	2.9	45
21	High-fat diet accelerates progression of osteoarthritis after meniscal/ligamentous injury. Arthritis Research and Therapy, 2011, 13, R198.	3.5	108
22	Teriparatide as a Chondroregenerative Therapy for Injury-Induced Osteoarthritis. Science Translational Medicine, 2011, 3, 101ra93.	12.4	145
23	Pseudo-anion gap acidosis. CKJ: Clinical Kidney Journal, 2008, 1, 94-96.	2.9	1
24	COUNTERPOINT: INTERLEUKIN-6 DOES NOT HAVE A BENEFICIAL ROLE IN INSULIN SENSITIVITY AND GLUCOSE HOMEOSTASIS. Journal of Applied Physiology, 2007, 102, 816-818.	2.5	64
25	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 Phosphoproteinsâ€”12th International Conference.. Canadian Journal of Physiology and Pharmacology, 2006, 84, 755-763.	1.4	26
26	Hepatocytes: critical for glucose homeostasis. International Journal of Biochemistry and Cell Biology, 2004, 36, 753-758.	2.8	278
27	Suppressor of Cytokine Signaling-3 (SOCS-3), a Potential Mediator of Interleukin-6-dependent Insulin Resistance in Hepatocytes. Journal of Biological Chemistry, 2003, 278, 13740-13746.	3.4	521
28	The Leukocyte Common Antigen-Related Protein LAR: Candidate PTP for Inhibitory Targeting. Current Topics in Medicinal Chemistry, 2003, 3, 809-819.	2.1	25
29	Interleukin-6 Induces Cellular Insulin Resistance in Hepatocytes. Diabetes, 2002, 51, 3391-3399.	0.6	717
30	PTP LAR Expression Compared to Prognostic Indices in Metastatic and Non-Metastatic Breast Cancer. Breast Cancer Research and Treatment, 2000, 64, 221-228.	2.5	31
31	Novel approach to the study of the regulation of hormone-sensitive lipase in rat adipocytes. Permeabilization of cells with digitonin. FEBS Journal, 1983, 136, 603-608.	0.2	24