J Ignacio Aguirre

List of Publications by Year
in descending order

26 papers	613 citations	623734 14 h-index	610901 24 g-index
28 all docs	28 docs citations	28 times ranked	815 citing authors

#	Article	IF	Citations
1	Oncologic doses of zoledronic acid induce osteonecrosis of the jaw-like lesions in rice rats (Oryzomys palustris) with periodontitis. Journal of Bone and Mineral Research, 2012, 27, 2130-2143.	2.8	116
2	Sclerostin Inhibition Prevents Spinal Cord Injury-Induced Cancellous Bone Loss. Journal of Bone and Mineral Research, 2015, 30, 681-689.	2.8	53
3	Testosterone Dose Dependently Prevents Bone and Muscle Loss in Rodents after Spinal Cord Injury. Journal of Neurotrauma, 2014, 31, 834-845.	3.4	49
4	Antibiotic Perturbation of Gut Microbiota Dysregulates Osteoimmune Cross Talk in Postpubertal Skeletal Development. American Journal of Pathology, 2019, 189, 370-390.	3.8	39
5	Effects of Basic Fibroblast Growth Factor and a Prostaglandin E2 Receptor Subtype 4 Agonist on Osteoblastogenesis and Adipogenesis in Aged Ovariectomized Rats. Journal of Bone and Mineral Research, 2007, 22, 877-888.	2.8	29
6	Zoledronic acid increases the prevalence of medication-related osteonecrosis of the jaw in a dose dependent manner in rice rats (Oryzomys palustris) with localized periodontitis. Bone, 2018, 108, 79-88.	2.9	29
7	Bone Mass Is Compromised by the Chemotherapeutic Trabectedin in Association With Effects on Osteoblasts and Macrophage Efferocytosis. Journal of Bone and Mineral Research, 2017, 32, 2116-2127.	2.8	28
8	Longitudinal Examination of Bone Loss in Male Rats After Moderateâ€“Severe Contusion Spinal Cord Injury. Calcified Tissue International, 2019, 104, 79-91.	3.1	27
9	Fructose consumption does not worsen bone deficits resulting from high-fat feeding in young male rats. Bone, 2016, 85, 99-106.	2.9	26
10	Testosterone Plus Finasteride Prevents Bone Loss without Prostate Growth in a Rodent Spinal Cord Injury Model. Journal of Neurotrauma, 2017, 34, 2972-2981.	3.4	25
11	Comparison of Isoflurane, Ketamineâ€“Dexmedetomidine, and Ketamineâ€“Xylazine for General Anesthesia during Oral Procedures in Rice Rats (Oryzomys palustris). Journal of the American Association for Laboratory Animal Science, 2019, 58, 40-49.	1.2	23
12	Alu complementary DNA is enriched in atrophic macular degeneration and triggers retinal pigmented epithelium toxicity via cytosolic innate immunity. Science Advances, 2021, 7, eabj3658.	10.3	23
13	Zoledronate treatment duration is linked to bisphosphonateâ€related osteonecrosis of the jaw prevalence in rice rats with generalized periodontitis. Oral Diseases, 2019, 25, 1116-1135.	3.0	22
14	Impaired innate immune signaling due to combined Toll-like receptor 2 and 4 deficiency affects both periodontitis and atherosclerosis in response to polybacterial infection.. Pathogens and Disease, 2018, 76, .	2.0	17
15	Inflammatory bone loss associated with MFGâ€E8 deficiency is rescued by teriparatide. FASEB Journal, 2018, 32, 3730-3741.	0.5	15
16	Preventing or controlling periodontitis reduces the occurrence of osteonecrosis of the jaw (ONJ) in rice rats (Oryzomys palustris). Bone, 2021, 145, 115866.	2.9	15
17	Treatment With a Soluble Bone Morphogenetic Protein Type 1A Receptor (BMPR1A) Fusion Protein Increases Bone Mass and Bone Formation in Mice Subjected to Hindlimb Unloading. JBMR Plus, 2017, 1, 66-72.	2.7	13
18	Breeding, husbandry, veterinary care, and hematology of marsh rice rats (Oryzomys palustris), a small animal model for periodontitis. Journal of the American Association for Laboratory Animal Science, 2015, 54, 51-8.	1.2	13

#	Article	IF	Citations
19	Prevalence of Food Impaction-Induced Periodontitis in Conventionally Housed Marsh Rice Rats (). Comparative Medicine, 2017, 67, 43-50.	1.0	12
20	Attenuated Amiloride-Sensitive Current and Augmented Calcium-Activated Chloride Current in Marsh Rice Rat (Oryzomys palustris) Airways. IScience, 2019, 19, 737-748.	4.1	9
21	Anti-vascular endothelial growth factor antibody monotherapy causes destructive advanced periodontitis in rice rats (Oryzomys palustris). Bone, 2020, 130, 115141.	2.9	9
22	Commensal gut bacterium critically regulates alveolar bone homeostasis. Laboratory Investigation, 2022, 102, 363-375.	3.7	9
23	Diet-induced Generalized Periodontitis in Lewis Rats. Comparative Medicine, 2019, 69, 384-400.	1.0	6
24	Potential therapeutic use of relaxin in accelerating closure of cranial bone defects in mice. Physiological Reports, 2019, 7, e14106.	1.7	2
25	Antimicrobialâ€induced oral dysbiosis exacerbates naturally occurring alveolar bone loss. FASEB Journal, 2021, 35, e22015.	0.5	2
26	Bone structural, biomechanical, and histomorphometric characteristics of the hindlimb skeleton in the marsh rice rat (Oryzomys palustris). Anatomical Record, 2022, 305, 3133-3149.	1.4	2