Irene Londono

List of Publications by Year
in descending order

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35	609	687363	642732
papers	citations	13	23
		h-index	g-index

36	36	36	876
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neonatal microglia: The cornerstone of brain fate. Brain, Behavior, and Immunity, 2017, 59, 333-345.	4.1	72
2	Caspase activation regulates the extracellular export of autophagic vacuoles. Autophagy, 2012, 8, 927-937.	9.1	67
3	Receptor-mediated endocytosis in kidney proximal tubules: Recent advances and hypothesis. Electrophoresis, 1997, 18, 2661-2676.	2.4	45
4	Apoptosis of Tubular Epithelial Cells in Glycogen Nephrosis During Diabetes. Laboratory Investigation, 2003, 83, 1069-1080.	3.7	45
5	New means to assess neonatal inflammatory brain injury. Journal of Neuroinflammation, 2015, 12, 180.	7.2	40
6	In vivo dynamic bone growth modulation is less detrimental but as effective as static growth modulation. Bone, 2011, 49, 996-1004.	2.9	34
7	Growth plate explants respond differently to in vitro static and dynamic loadings. Journal of Orthopaedic Research, 2011, 29, 473-480.	2.3	28
8	In vivo dynamic loading reduces bone growth without histomorphometric changes of the growth plate. Journal of Orthopaedic Research, 2014, 32, 1129-1136.	2.3	25
9	Imaging of an Inflammatory Injury in the Newborn Rat Brain with Photoacoustic Tomography. PLoS ONE, 2013, 8, e83045.	2.5	24
10	Can repeated in vivo micro-CT irradiation during adolescence alter bone microstructure, histomorphometry and longitudinal growth in a rodent model?. PLoS ONE, 2018, 13, e0207323.	2.5	22
11	Persistent reduction in sialylation of cerebral glycoproteins following postnatal inflammatory exposure. Journal of Neuroinflammation, 2018, 15, 336.	7.2	20
12	Alteration of the brain methylation landscape following postnatal inflammatory injury in rat pups. FASEB Journal, 2020, 34, 432-445.	0.5	17
13	Expression and distribution of adenosine diphosphate-ribosylation factors in the rat kidney111Present address is: Renal Unit & Program in Membrane Biology, Massachusetts General Hospital, Harvard Medical School, 149, 13th Street, 8th Floor, Boston, MA, 02129, USA. Kidney International, 1999, 55, 1407-1416.	5.2	16
14	Assessing therapeutic response non-invasively in a neonatal rat model of acute inflammatory white matter injury using high-field MRI. Brain, Behavior, and Immunity, 2019, 81, 348-360.	4.1	12
15	Glomerular Basement Membrane Selective Permeability in Short-term Streptozotocin-induced Diabetic Rats. International Journal of Experimental Diabetes Research, 2000, 1, 19-30.	1.1	11
16	Psammomys obesus, a particularly important animal model for the study of the human diabetic nephropathy. Anatomy and Cell Biology, 2011, 44, 176.	1.0	11
17	Distribution of endogenous albumin across the rat aortic wall as revealed by quantitative immunocytochemistry. American Journal of Anatomy, 1989, 186, 407-416.	1.0	10
18	Glomerular CD34 Expression in Short- and Long-term Diabetes. Journal of Histochemistry and Cytochemistry, 2008, 56, 605-614.	2.5	10

#	Article	IF	Citations
19	Growth plate cartilage shows different strain patterns in response to static versus dynamic mechanical modulation. Biomechanics and Modeling in Mechanobiology, 2016, 15, 933-946.	2.8	10
20	The brain's kryptonite: Overview of punctate white matter lesions in neonates. International Journal of Developmental Neuroscience, 2019, 77, 77-88.	1.6	10
21	In situ deformation of growth plate chondrocytes in stress-controlled static vs dynamic compression. Journal of Biomechanics, 2017, 56, 76-82.	2.1	9
22	Immunocytochemical investigation of the in vivo endocytosis by renal tubular epithelial cells. Microscopy Research and Technique, 1995, 31, 118-127.	2.2	8
23	Experimental and finite element analyses of bone strains in the growing rat tibia induced by in vivo axial compression. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 94, 176-185.	3.1	8
24	Validation of an in vivo micro-CT-based method to quantify longitudinal bone growth of pubertal rats. Bone, 2022, 154, 116207.	2.9	8
25	Compartmentalization of Pancreatic Secretory Zymogen Granules as Revealed by Low-Voltage Transmission Electron Microscopy. Journal of Histochemistry and Cytochemistry, 2011, 59, 899-907.	2.5	7
26	Redistribution of Integrins in Tubular Epithelial Cells during Diabetic Glycogen Nephrosis. Nephron Experimental Nephrology, 2004, 98, e22-e30.	2.2	6
27	Static and dynamic compression application and removal on the intervertebral discs of growing rats. Journal of Orthopaedic Research, 2016, 34, 290-298.	2.3	6
28	Can the contralateral limb be used as a control during the growing period in a rodent model?. Medical Engineering and Physics, 2018, 58, 31-40.	1.7	6
29	Userâ€independent diffusion tensor imaging analysis pipelines in a rat model presenting ventriculomegalia: A comparison study. NMR in Biomedicine, 2017, 30, e3793.	2.8	5
30	Changes in growth plate extracellular matrix composition and biomechanics following in vitro static versus dynamic mechanical modulation. Journal of Musculoskeletal Neuronal Interactions, 2018, 18, 81-91.	0.1	5
31	Non-invasive in vivo MRI detects long-term microstructural brain alterations related to learning and memory impairments in a model of inflammation-induced white matter injury. Behavioural Brain Research, 2022, 428, 113884.	2.2	4
32	Isolated Cyclic Loading During Adolescence Improves Tibial Bone Microstructure and Strength at Adulthood. JBMR Plus, 2020, 4, e10349.	2.7	3
33	Modulatory effect of ILâ€1 inhibition following lipopolysaccharideâ€induced neuroinflammation in neonatal microglia and astrocytes. International Journal of Developmental Neuroscience, 2022, , .	1.6	3
34	Bone growth resumption following in vivo static and dynamic compression removals on rats. Bone, 2015, 81, 662-668.	2.9	2
35	Mechanobiological analysis of porcine spines instrumented with intra-vertebral staples. Journal of Musculoskeletal Neuronal Interactions, 2019, 19, 13-20.	0.1	0