

Jordi Lopez Tremoleda

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,097
citations

394421

19
h-index

434195

31
g-index

40
all docs

40
docs citations

40
times ranked

2327
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular SPECT Imaging: An Overview. <i>International Journal of Molecular Imaging</i> , 2011, 2011, 1-15.	1.3	196
2	Anaesthesia and physiological monitoring during in vivo imaging of laboratory rodents: considerations on experimental outcomes and animal welfare. <i>EJNMMI Research</i> , 2012, 2, 44.	2.5	124
3	Galectin-3 released in response to traumatic brain injury acts as an alarmin orchestrating brain immune response and promoting neurodegeneration. <i>Scientific Reports</i> , 2017, 7, 41689.	3.3	120
4	Disturbed Blood Flow Induces RelA Expression via c-Jun N-Terminal Kinase 1. <i>Circulation Research</i> , 2011, 108, 950-959.	4.5	105
5	Molecular Mechanism of the E99K Mutation in Cardiac Actin (ACTC Gene) That Causes Apical Hypertrophy in Man and Mouse. <i>Journal of Biological Chemistry</i> , 2011, 286, 27582-27593.	3.4	56
6	Imaging technologies for preclinical models of bone and joint disorders. <i>EJNMMI Research</i> , 2011, 1, 11.	2.5	49
7	Haemodynamics in the mouse aortic arch computed from MRI-derived velocities at the aortic root. <i>Journal of the Royal Society Interface</i> , 2012, 9, 2834-2844.	3.4	37
8	Gd ³⁺ -cFLFLFK conjugate for MRI: a targeted contrast agent for FPR1 in inflammation. <i>Chemical Communications</i> , 2013, 49, 564-566.	4.1	34
9	Targeting Extracellular Vesicles to the Arthritic Joint Using a Damaged Cartilage-Specific Antibody. <i>Frontiers in Immunology</i> , 2020, 11, 10.	4.8	34
10	Influence of shear stress magnitude and direction on atherosclerotic plaque composition. <i>Royal Society Open Science</i> , 2016, 3, 160588.	2.4	33
11	In Vivo Mapping of Vascular Inflammation Using the Translocator Protein Tracer ¹⁸ F-FEDAA1106. <i>Molecular Imaging</i> , 2014, 13, 7290.2014.00014.	1.4	32
12	Brain Phospholipid Precursors Administered Post-Injury Reduce Tissue Damage and Improve Neurological Outcome in Experimental Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 25-42.	3.4	31
13	A Single Injection of Docosahexaenoic Acid Induces a Pro-Resolving Lipid Mediator Profile in the Injured Tissue and a Long-Lasting Reduction in Neurological Deficit after Traumatic Brain Injury in Mice. <i>Journal of Neurotrauma</i> , 2020, 37, 66-79.	3.4	27
14	Modeling Acute Traumatic Hemorrhagic Shock Injury: Challenges and Guidelines for Preclinical Studies. <i>Shock</i> , 2017, 48, 610-623.	2.1	25
15	In vivo PET imaging of the neuroinflammatory response in rat spinal cord injury using the TSPO tracer [18F]GE-180 and effect of docosahexaenoic acid. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1710-1722.	6.4	24
16	A new ketogenic formulation improves functional outcome and reduces tissue loss following traumatic brain injury in adult mice. <i>Theranostics</i> , 2021, 11, 346-360.	10.0	24
17	Expression and localization of the μ -opioid receptor (MOR) in the equine cumulus oocyte complex and its involvement in the seasonal regulation of oocyte meiotic competence. <i>Molecular Reproduction and Development</i> , 2008, 75, 1229-1246.	2.0	23
18	Imaging vulnerable plaques by targeting inflammation in atherosclerosis using fluorescent-labeled dual-ligand microparticles of iron oxide and magnetic resonance imaging. <i>Journal of Vascular Surgery</i> , 2018, 67, 1571-1583.e3.	1.1	23

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19	Heart rate reduction with ivabradine promotes shear stress-dependent anti-inflammatory mechanisms in arteries. <i>Thrombosis and Haemostasis</i> , 2016, 116, 181-190.	3.4	20
20	Modeling Cardiac Dysfunction Following Traumatic Hemorrhage Injury: Impact on Myocardial Integrity. <i>Frontiers in Immunology</i> , 2019, 10, 2774.	4.8	19
21	Rethinking animal models of sepsis – working towards improved clinical translation whilst integrating the 3Rs. <i>Clinical Science</i> , 2020, 134, 1715-1734.	4.3	12
22	Creating space to build emotional resilience in the animal research community. <i>Lab Animal</i> , 2020, 49, 275-277.	0.4	10
23	The Use of Pharmacological-challenge fMRI in Pre-clinical Research: Application to the 5-HT System. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	7
24	Imaging technologies and basic considerations for welfare of laboratory rodents. <i>Lab Animal</i> , 2015, 44, 97-105.	0.4	7
25	Repeated dexamphetamine treatment alters the dopaminergic system and increases the phMRI response to methylphenidate. <i>PLoS ONE</i> , 2017, 12, e0172776.	2.5	7
26	Studies on long term behavioural changes in group-housed rat models of brain and spinal cord injury using an automated home cage recording system. <i>Journal of Neuroscience Methods</i> , 2019, 321, 49-63.	2.5	6
27	Anesthesia and Monitoring of Animals During MRI Studies. <i>Methods in Molecular Biology</i> , 2018, 1718, 423-439.	0.9	5
28	Heart-rate sensitive optical coherence angiography for measuring vascular changes due to posttraumatic brain injury in mice. <i>Journal of Biomedical Optics</i> , 2017, 22, 1.	2.6	2
29	Deep learning for behaviour classification in a preclinical brain injury model. <i>PLoS ONE</i> , 2022, 17, e0268962.	2.5	2
30	Reduction of the natural Activated protein C pathway activity significantly prevents coagulopathy in a murine model of acute traumatic coagulopathy. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2014, 22, .	2.6	1
31	Report from the 11th edition of the World Congress on Alternatives and Animal Use in the Life Sciences (WC11). <i>Laboratory Animals</i> , 2022, , 002367722110641.	1.0	1
32	Numerical Modelling of Blood Flow in the Mouse Aortic Arch Using Inflow Velocities Obtained by Phase-Contrast MRI. , 2010, , .		0
33	Comentarios sobre la Directiva Europea 2010/63/EU para la protección de animales de laboratorio. <i>Revista De Bioetica Y Derecho</i> , 2012, , 61-72.	0.2	0
34	Teaching a culture of care: Why it matters. <i>Revista De Bioetica Y Derecho</i> , 2021, , 43-60.	0.2	0
35	News from the EIC team. <i>Laboratory Animals</i> , 2021, 55, 189-189.	1.0	0
36	Do you want to join our Editorial Board?. <i>Laboratory Animals</i> , 2021, 55, 202-214.	1.0	0

#	ARTICLE	IF	CITATIONS
37	Success for our first Virtual LASA Annual Conference. <i>Laboratory Animals</i> , 2022, 56, 201-203.	1.0	0
38	How to publish a case report in <i>Laboratory Animals</i> ? <i>Laboratory Animals</i> , 0, , 002367722211039.	1.0	0
39	Is it time for a "Culture of Carers"? <i>Laboratory Animals</i> , 0, , 002367722211020.	1.0	0