

# Marc Oria

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1980012/publications.pdf>

Version: 2024-02-01

49  
papers

765  
citations

567247

15  
h-index

552766

26  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1096  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transplanted Oligodendrocytes and Motoneuron Progenitors Generated from Human Embryonic Stem Cells Promote Locomotor Recovery After Spinal Cord Transection. <i>Stem Cells</i> , 2010, 28, 1541-1549.	3.2	144
2	Immunomodulatory and antioxidant function of albumin stabilises the endothelium and improves survival in a rodent model of chronic liver failure. <i>Journal of Hepatology</i> , 2015, 62, 799-806.	3.7	73
3	Complete rat spinal cord transection as a faithful model of spinal cord injury for translational cell transplantation. <i>Scientific Reports</i> , 2015, 5, 9640.	3.3	51
4	Diffusion Tensor Imaging Supports the Cytotoxic Origin of Brain Edema in a Rat Model of Acute Liver Failure. <i>Gastroenterology</i> , 2010, 138, 1566-1573.	1.3	50
5	Recombinant Alkaline Phosphatase Prevents Acute on Chronic Liver Failure. <i>Scientific Reports</i> , 2020, 10, 389.	3.3	32
6	CD200-CD200R imbalance correlates with microglia and pro-inflammatory activation in rat spinal cords exposed to amniotic fluid in retinoic acid-induced spina bifida. <i>Scientific Reports</i> , 2018, 8, 10638.	3.3	29
7	Down-regulation of genes related to the adrenergic system may contribute to splanchnic vasodilation in rat portal hypertension. <i>Journal of Hepatology</i> , 2008, 49, 43-51.	3.7	28
8	A New Method for Measuring Motor Evoked Potentials in the Awake Rat: Effects of Anesthetics. <i>Journal of Neurotrauma</i> , 2008, 25, 266-275.	3.4	21
9	Ornithine phenylacetate prevents disturbances of motor-evoked potentials induced by intestinal blood in rats with portacaval anastomosis. <i>Journal of Hepatology</i> , 2012, 56, 109-114.	3.7	21
10	Ammonia induces aquaporin-4 rearrangement in the plasma membrane of cultured astrocytes. <i>Neurochemistry International</i> , 2012, 61, 1314-1324.	3.8	20
11	Brain magnetic resonance in experimental acute-to-chronic liver failure. <i>Liver International</i> , 2013, 33, 294-300.	3.9	20
12	In Vivo Evaluation of Novel PLA/PCL Polymeric Patch in Rats for Potential Spina Bifida Coverage. <i>Journal of Surgical Research</i> , 2019, 242, 62-69.	1.6	19
13	Cerebellar neurodegeneration in a new rat model of episodic hepatic encephalopathy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 927-937.	4.3	18
14	Successful endoscopic third ventriculostomy in children depends on age and etiology of hydrocephalus: outcome analysis in 51 pediatric patients. <i>Child's Nervous System</i> , 2018, 34, 1521-1528.	1.1	18
15	Proteomic profiling of tracheal fluid in an ovine model of congenital diaphragmatic hernia and fetal tracheal occlusion. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L1028-L1041.	2.9	17
16	Using poly(L-lactic acid) and poly(ε-caprolactone) blends to fabricate self-expanding, watertight and biodegradable surgical patches for potential fetoscopic myelomeningocele repair. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 295-305.	3.4	17
17	Functional abnormalities of the motor tract in the rat after portocaval anastomosis and after carbon tetrachloride induction of cirrhosis. <i>Metabolic Brain Disease</i> , 2006, 21, 297-308.	2.9	15
18	Excessive Reversal of Epidermal Growth Factor Receptor and Ephrin Signaling Following Tracheal Occlusion in Rabbit Model of congenital Diaphragmatic Hernia. <i>Molecular Medicine</i> , 2016, 22, 398-411.	4.4	15

#	ARTICLE	IF	CITATIONS
19	The effect of prenatal treatment with steroids and preterm delivery in a model of myelomeningocele on the rabbit foetus. <i>Pediatric Surgery International</i> , 2007, 23, 425-429.	1.4	14
20	Motor-evoked potentials in awake rats are a valid method of assessing hepatic encephalopathy and of studying its pathogenesis. <i>Hepatology</i> , 2010, 52, 2077-2085.	7.3	14
21	Fetal brain damage in congenital hydrocephalus. <i>Child's Nervous System</i> , 2020, 36, 1661-1668.	1.1	11
22	Isolation, characterization, and differentiation of multipotent neural progenitor cells from human cerebrospinal fluid in fetal cystic myelomeningocele. <i>Stem Cell Research</i> , 2017, 22, 33-42.	0.7	10
23	Brain lactate in hepatic encephalopathy: Friend or foe?. <i>Journal of Hepatology</i> , 2014, 60, 476-477.	3.7	9
24	What we know: the inflammatory basis of hepatic encephalopathy. <i>Metabolic Brain Disease</i> , 2016, 31, 1239-1247.	2.9	9
25	Role of intraluminal bowel echogenicity on prenatal ultrasounds to determine the anatomical level of intestinal atresia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017, 30, 103-108.	1.5	8
26	Fetal tracheal occlusion in mice: a novel transuterine method. <i>Journal of Surgical Research</i> , 2018, 229, 311-315.	1.6	8
27	Comparative study of intracisternal kaolin injection techniques to induce congenital hydrocephalus in fetal lamb. <i>Child's Nervous System</i> , 2019, 35, 843-849.	1.1	8
28	Biodegradation of poly(L-lactic acid) and poly( $\epsilon$ -caprolactone) patches by human amniotic fluid in an in-vitro simulated fetal environment. <i>Scientific Reports</i> , 2022, 12, 3950.	3.3	7
29	Premature Neural Progenitor Cell Differentiation Into Astrocytes in Retinoic Acid-Induced Spina Bifida Rat Model. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	2.9	7
30	Lung Metabolomics Profiling of Congenital Diaphragmatic Hernia in Fetal Rats. <i>Metabolites</i> , 2021, 11, 177.	2.9	6
31	Cell necrosis, intrinsic apoptosis and senescence contribute to the progression of exencephaly to anencephaly in a mice model of congenital cranioschisis. <i>Cell Death and Disease</i> , 2019, 10, 721.	6.3	4
32	Optimization of Pulmonary Vasculature Tridimensional Phenotyping in The Rat Fetus. <i>Scientific Reports</i> , 2019, 9, 1244.	3.3	4
33	Heterogeneous Response in Rabbit Fetal Diaphragmatic Hernia Lungs After Tracheal Occlusion. <i>Journal of Surgical Research</i> , 2020, 250, 23-38.	1.6	4
34	A novel surgical toxicological-free model of diaphragmatic hernia in fetal rats. <i>Pediatric Research</i> , 2022, 92, 118-124.	2.3	4
35	Intracisternal BioGlue injection in the fetal lamb: a novel model for creation of obstructive congenital hydrocephalus without additional chemically induced neuroinflammation. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 652-662.	1.3	4
36	Time Course Transcriptome Analysis of Spina Bifida Progression in Fetal Rats. <i>Brain Sciences</i> , 2021, 11, 1593.	2.3	4

#	ARTICLE	IF	CITATIONS
37	Fetal Tracheal Occlusion Increases Lung Basal Cells via Increased Yap Signaling. <i>Frontiers in Pediatrics</i> , 2021, 9, 780166.	1.9	4
38	Gene expression profiling of brain cortex microvessels may support brain vasodilation in acute liver failure rat models. <i>Metabolic Brain Disease</i> , 2016, 31, 1405-1417.	2.9	3
39	Innovative, Stabilizing Self-Expandable Patch for Easier and Safer Thoracoscopic Repair of Congenital Diaphragmatic Hernia. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2020, 30, 1242-1247.	1.0	3
40	Liver pathological alterations in fetal rabbit model of congenital diaphragmatic hernia. <i>Congenital Anomalies (discontinued)</i> , 2022, , .	0.6	3
41	Transuterine Fetal Tracheal Occlusion Model in Mice. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	2
42	Dural substitutes for spina bifida repair: past, present, and future. <i>Child's Nervous System</i> , 2022, 38, 873-891.	1.1	2
43	571 P2X7 RECEPTOR IN ACUTE KIDNEY INJURY OF CIRRHOSIS: A POTENTIAL NOVEL TARGET OF THERAPY. <i>Journal of Hepatology</i> , 2013, 58, S234.	3.7	1
44	P105 ACTIVATION OF SENESCENT GENES IN CHRONIC AND ACUTE-ON-CHRONIC LIVER FAILURE RAT BRAINS. <i>Journal of Hepatology</i> , 2014, 60, S101.	3.7	1
45	[190] INHIBITION OF ADRENERGIC TRANSMISSION MAY CONTRIBUTE TO SPLANCHNIC VASODILATION IN PORTAL HYPERTENSION. <i>Journal of Hepatology</i> , 2007, 46, S80-S81.	3.7	0
46	P36 ADMINISTRATION OF RECOMBINANT ALKALINE PHOSPHATASE PREVENTS DEVELOPMENT OF ACUTE ON CHRONIC LIVER FAILURE (ACLF) IN A RODENT BILE-DUCT LIGATION MODEL. <i>Journal of Hepatology</i> , 2014, 60, S78.	3.7	0
47	P0102 : Degeneration signs of Purkinje neurons in a new animal model of episodic hepatic encephalopathy. <i>Journal of Hepatology</i> , 2015, 62, S338-S339.	3.7	0
48	Role of Toll-Like Receptor 4 in Modulating the Brain-Gut Axis in the Pathogenesis of Hepatic Encephalopathy. <i>Journal of Hepatology</i> , 2016, 64, S166.	3.7	0
49	Loss of Allospecific Activating Receptor Expressing NK Cells Results in Maternal Tolerance of the Aberrant Fetus. <i>Journal of the American College of Surgeons</i> , 2021, 233, S186-S187.	0.5	0