

Manuel Mata-Roig

List of Publications by Year in descending order

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84
papers

2,709
citations

185998

28
h-index

189595

50
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86
all docs

86
docs citations

86
times ranked

4224
citing authors

#	ARTICLE	IF	CITATIONS
1	BMP-2 Enhances Osteogenic Differentiation of Human Adipose-Derived and Dental Pulp Stem Cells in 2D and 3D In Vitro Models. <i>Stem Cells International</i> , 2022, 2022, 1-15.	1.2	3
2	Novel Tissue-Engineered Multimodular Hyaluronic Acid-Polylactic Acid Conduits for the Regeneration of Sciatic Nerve Defect. <i>Biomedicines</i> , 2022, 10, 963.	1.4	11
3	In Vitro Effect of δ^9 -Tetrahydrocannabinol and Cannabidiol on Cancer-Associated Fibroblasts Isolated from Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6766.	1.8	8
4	IFT46 Expression in the Nasal Mucosa of Primary Ciliary Dyskinesia Patients: Preliminary Study. <i>Allergy and Rhinology</i> , 2021, 12, 215265672198928.	0.7	1
5	Optimization of a decellularization protocol of porcine tracheas. Long-term effects of cryopreservation. A histological study. <i>International Journal of Artificial Organs</i> , 2021, 44, 998-1012.	0.7	6
6	High-Speed Video Microscopy for Primary Ciliary Dyskinesia Diagnosis: A Study of Ciliary Motility Variations with Time and Temperature. <i>Diagnostics</i> , 2021, 11, 1301.	1.3	8
7	Alginate-Agarose Hydrogels Improve the In Vitro Differentiation of Human Dental Pulp Stem Cells in Chondrocytes. A Histological Study. <i>Biomedicines</i> , 2021, 9, 834.	1.4	7
8	Decellularized tracheal prelamination implant: A proposed bilateral double organ technique. <i>Artificial Organs</i> , 2021, 45, 1491-1500.	1.0	4
9	Chondrogenic Potential of Human Dental Pulp Stem Cells Cultured as Microtissues. <i>Stem Cells International</i> , 2021, 2021, 1-11.	1.2	5
10	A Standardised Approach to the Biomechanical Evaluation of Tracheal Grafts. <i>Biomolecules</i> , 2021, 11, 1461.	1.8	6
11	Tissue inflammatory biomarkers in chronic plaque psoriasis: Exploring lesional versus non-lesional skin relative expression and possible clinical correlations. <i>Australasian Journal of Dermatology</i> , 2020, 61, e130-e132.	0.4	0
12	Understanding Primary Ciliary Dyskinesia: Experience From a Mediterranean Diagnostic Reference Centre. <i>Journal of Clinical Medicine</i> , 2020, 9, 810.	1.0	4
13	Cannabinoid receptor expression in non-small cell lung cancer. Effectiveness of tetrahydrocannabinol and cannabidiol inhibiting cell proliferation and epithelial-mesenchymal transition in vitro. <i>PLoS ONE</i> , 2020, 15, e0228909.	1.1	66
14	Cartilage Regeneration and Tissue Engineering. , 2019, , 361-378.		4
15	Dentin tubule orientation determines odontoblastic differentiation in vitro: A morphological study. <i>PLoS ONE</i> , 2019, 14, e0215780.	1.1	10
16	A Ciliary Motility Index for Activity Measurement in Cell Cultures With Respiratory Syncytial Virus. <i>American Journal of Rhinology and Allergy</i> , 2019, 33, 121-128.	1.0	1
17	New insights in primary ciliary dyskinesia. <i>Expert Opinion on Orphan Drugs</i> , 2017, 5, 537-548.	0.5	12
18	Human platelet-rich plasma improves the nesting and differentiation of human chondrocytes cultured in stabilized porous chitosan scaffolds. <i>Journal of Tissue Engineering</i> , 2017, 8, 204173141769754.	2.3	13

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19	<i>In Vivo</i> Articular Cartilage Regeneration Using Human Dental Pulp Stem Cells Cultured in an Alginate Scaffold: A Preliminary Study. <i>Stem Cells International</i> , 2017, 2017, 1-9.	1.2	63
20	Treatment with albumin-hydroxyoleic acid complex restores sensorimotor function in rats with spinal cord injury: Efficacy and gene expression regulation. <i>PLoS ONE</i> , 2017, 12, e0189151.	1.1	7
21	Expression of aquaporins 1 and 5 in a model of ventilator-induced lung injury and its relation to tidal volume. <i>Experimental Physiology</i> , 2016, 101, 1418-1431.	0.9	13
22	ISG15 Is Upregulated in Respiratory Syncytial Virus Infection and Reduces Virus Growth through Protein ISGylation. <i>Journal of Virology</i> , 2016, 90, 3428-3438.	1.5	56
23	Use of decellularized tracheas for airways engineering. , 2016, , .		0
24	Role of Circulating miRNAs as Biomarkers in Idiopathic Pulmonary Arterial Hypertension: Possible Relevance of miR-23a. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-10.	1.9	65
25	Therapeutic targets for olive pollen allergy defined by gene markers modulated by Ole e 1-derived peptides. <i>Molecular Immunology</i> , 2015, 64, 252-261.	1.0	5
26	Blood PGC-1 β Concentration Predicts Myocardial Salvage and Ventricular Remodeling After ST-segment Elevation Acute Myocardial Infarction. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2015, 68, 408-416.	0.4	7
27	Gene Mutations in Primary Ciliary Dyskinesia Related to Otitis Media. <i>Current Allergy and Asthma Reports</i> , 2014, 14, 420.	2.4	11
28	Primary ciliary dyskinesia assessment by means of optical flow analysis of phase-contrast microscopy images. <i>Computerized Medical Imaging and Graphics</i> , 2014, 38, 163-170.	3.5	8
29	Increased Expression of AQP 1 and AQP 5 in Rat Lungs Ventilated with Low Tidal Volume is Time Dependent. <i>PLoS ONE</i> , 2014, 9, e114247.	1.1	16
30	<i>Lactobacillus paracasei</i> and <i>Lactobacillus plantarum</i> strains downregulate proinflammatory genes in an ex vivo system of cultured human colonic mucosa. <i>Genes and Nutrition</i> , 2013, 8, 165-180.	1.2	35
31	Molecular Pattern in Olive Pollen Response. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, AB44.	1.5	0
32	Pseudogranulomatous Spitz nevus: a variant of Spitz nevus with heavy inflammatory infiltrate mimicking a granulomatous dermatitis. <i>Journal of Cutaneous Pathology</i> , 2013, 40, 330-335.	0.7	10
33	Gene expression microarray-based assay to determine tumor site of origin in a series of metastatic tumors to the ovary and peritoneal carcinomatosis of suspected gynecologic origin. <i>Human Pathology</i> , 2013, 44, 20-28.	1.1	6
34	Expanded CTG repeats trigger miRNA alterations in <i>Drosophila</i> that are conserved in myotonic dystrophy type 1 patients. <i>Human Molecular Genetics</i> , 2013, 22, 704-716.	1.4	62
35	Ciliary motility activity measurement using a dense optical flow algorithm. , 2013, 2013, 4446-9.		2
36	Roflumilast Inhibits Respiratory Syncytial Virus Infection in Human Differentiated Bronchial Epithelial Cells. <i>PLoS ONE</i> , 2013, 8, e69670.	1.1	32

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37	Gene Expression Profiles of Metabolic Aggressiveness and Tumor Recurrence in Benign Meningioma. PLoS ONE, 2013, 8, e67291.	1.1	28
38	Piclamilast inhibits the pro-apoptotic and anti-proliferative responses of A549 cells exposed to H ₂ O ₂ via mechanisms involving AP-1 activation. Free Radical Research, 2012, 46, 690-699.	1.5	14
39	Optical flow method in phase-contrast microscopy images for the diagnosis of primary ciliary dyskinesia through measurement of ciliary beat frequency. Preliminary results. , 2012, , .		4
40	New Adenylate Kinase 7 (AK7) Mutation in Primary Ciliary Dyskinesia. American Journal of Rhinology and Allergy, 2012, 26, 260-264.	1.0	22
41	Development and Validation of a Method of Cilia Motility Analysis for the Early Diagnosis of Primary Ciliary Dyskinesia. Acta Otorrinolaringologica (English Edition), 2012, 63, 1-8.	0.1	1
42	PGC-1 α Induction in Pulmonary Arterial Hypertension. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-8.	1.9	24
43	Nasal Ciliary Beat Frequency and Beat Pattern in Retinal Ciliopathies. , 2012, 53, 2076.		13
44	Epidermal growth factor receptor copy number in potentially malignant oral disorders and oral squamous cell carcinoma: a short communication and preliminary study. Journal of Oral Pathology and Medicine, 2012, 41, 662-666.	1.4	10
45	Desarrollo y validaci3n de un m3todo de an3lisis de la movilidad ciliar para el diagn3stico precoz de la discinesia ciliar primaria. Acta Otorrinolaringol3gica Espa3ola, 2012, 63, 1-8.	0.2	7
46	Respiratory Syncytial Virus Inhibits Ciliogenesis in Differentiated Normal Human Bronchial Epithelial Cells: Effectiveness of N-Acetylcysteine. PLoS ONE, 2012, 7, e48037.	1.1	62
47	Gene Expression Profiling of Facilitated L-LTP in VP16-CREB Mice Reveals that BDNF Is Critical for the Maintenance of LTP and Its Synaptic Capture. Neuron, 2011, 69, 1037.	3.8	0
48	Analysis of Metabolic and Gene Expression Changes after Hydrodynamic DNA Injection into Mouse Liver. Biological and Pharmaceutical Bulletin, 2011, 34, 167-172.	0.6	7
49	N-acetyl-l-cysteine (NAC) inhibit mucin synthesis and pro-inflammatory mediators in alveolar type II epithelial cells infected with influenza virus A and B and with respiratory syncytial virus (RSV). Biochemical Pharmacology, 2011, 82, 548-555.	2.0	104
50	Clinical-therapeutic management of thoracoscopy in pleural effusion: a groundbreaking technique in the twenty-first century. Clinical and Translational Oncology, 2011, 13, 57-60.	1.2	13
51	Aclidinium inhibits cholinergic and tobacco smoke-induced MUC5AC in human airways. European Respiratory Journal, 2011, 37, 244-254.	3.1	62
52	Induction of PGC-1 α Expression Can Be Detected in Blood Samples of Patients with ST-Segment Elevation Acute Myocardial Infarction. PLoS ONE, 2011, 6, e26913.	1.1	16
53	Cilia Motility and Structure in Primary and Secondary Ciliary Dyskinesia. American Journal of Rhinology and Allergy, 2010, 24, 175-180.	1.0	44
54	Role of Adenylate Kinase Type 7 Expression on Cilia Motility: Possible Link in Primary Ciliary Dyskinesia. American Journal of Rhinology and Allergy, 2010, 24, 181-185.	1.0	23

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55	Extracellular calcium-sensing receptor mediates human bronchial epithelial wound repair. <i>Biochemical Pharmacology</i> , 2010, 80, 236-246.	2.0	23
56	Nickel induces intracellular calcium mobilization and pathophysiological responses in human cultured airway epithelial cells. <i>Chemico-Biological Interactions</i> , 2010, 183, 25-33.	1.7	34
57	Roflumilast N-Oxide Partially Prevents The Loss Of Ciliated Human Airway Epithelial Cells Secondary To Incubation With Cigarette Smoke Extracts In Vitro. , 2010, , .		0
58	Relaxation by \hat{I}^{23} -adrenoceptor agonists of the isolated human internal anal sphincter. <i>Life Sciences</i> , 2010, 86, 358-364.	2.0	5
59	Direct effect of cigarette smoke on human pulmonary artery tension. <i>Pulmonary Pharmacology and Therapeutics</i> , 2010, 23, 222-228.	1.1	19
60	Acidinium, a New Long-Acting Antimuscarinic, Inhibits Cholinergic and Cigarette Smoke-Induced Up Regulation of Mucin MUC5AC Expression in Human Airway Epithelial Cells.. , 2009, , .		1
61	Estradiol Stimulates Vasodilatory and Metabolic Pathways in Cultured Human Endothelial Cells. <i>PLoS ONE</i> , 2009, 4, e8242.	1.1	52
62	Sphingosine-1-phosphate increases human alveolar epithelial IL-8 secretion, proliferation and neutrophil chemotaxis. <i>European Journal of Pharmacology</i> , 2009, 609, 132-139.	1.7	42
63	Loss of heterozygosity at 1p-19q induces a global change in oligodendroglial tumor gene expression. <i>Journal of Neuro-Oncology</i> , 2009, 95, 343-354.	1.4	25
64	Metastasizing anaplastic ependymoma in an adult. Chromosomal imbalances, metabolic and gene expression profiles. <i>Histopathology</i> , 2009, 54, 500-504.	1.6	16
65	Roflumilast, a phosphodiesterase 4 inhibitor, alleviates bleomycinâ€induced lung injury. <i>British Journal of Pharmacology</i> , 2009, 156, 534-544.	2.7	85
66	The activation of ERK1/2 MAP kinases in glioblastoma pathobiology and its relationship with <i><i>EGFR</i></i> amplification. <i>Neuropathology</i> , 2008, 28, 507-515.	0.7	42
67	Cells Silenced for <i><i>SDHB</i></i> Expression Display Characteristic Features of the Tumor Phenotype. <i>Cancer Research</i> , 2008, 68, 4058-4067.	0.4	92
68	Retinoids induce MMP-9 expression through RAR \hat{I}^{\pm} during mammary gland remodeling. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E1140-E1148.	1.8	30
69	Relaxation of the isolated human internal anal sphincter by sildenafil. <i>British Journal of Surgery</i> , 2007, 94, 894-902.	0.1	19
70	In vitro tracheal hyperresponsiveness to muscarinic receptor stimulation by carbachol in a rat model of bleomycin-induced pulmonary fibrosis. <i>Autonomic and Autacoid Pharmacology</i> , 2006, 26, 327-333.	0.5	5
71	Angiotensin II-Induced Mononuclear Leukocyte Interactions with Arteriolar and Venular Endothelium Are Mediated by the Release of Different CC Chemokines. <i>Journal of Immunology</i> , 2006, 176, 5577-5586.	0.4	95
72	Olive Oilâ€Based Lipid Emulsion's Neutral Effects on Neutrophil Functions and Leukocyteâ€Endothelial Cell Interactions. <i>Journal of Parenteral and Enteral Nutrition</i> , 2006, 30, 286-296.	1.3	67

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73	Effects of bemiparin on airway responses to antigen in sensitized Brownâ€“Norway rats. <i>European Journal of Pharmacology</i> , 2005, 507, 261-271.	1.7	11
74	Phosphodiesterase 4 inhibition decreases MUC5AC expression induced by epidermal growth factor in human airway epithelial cells. <i>Thorax</i> , 2005, 60, 144-152.	2.7	122
75	Gene Expression Profiling of Facilitated L-LTP in VP16-CREB Mice Reveals that BDNF Is Critical for the Maintenance of LTP and Its Synaptic Capture. <i>Neuron</i> , 2005, 48, 123-137.	3.8	255
76	Angiotensin II Induces Neutrophil Accumulation In Vivo Through Generation and Release of CXC Chemokines. <i>Circulation</i> , 2004, 110, 3581-3586.	1.6	109
77	Direct evidence of leukocyte adhesion in arterioles by angiotensin II. <i>Blood</i> , 2004, 104, 402-408.	0.6	153
78	Effects of ouabain on human bronchial muscle in vitro. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003, 368, 393-403.	1.4	11
79	Oral Nâ€“acetylcysteine attenuates the rat pulmonary inflammatory response to antigen. <i>European Respiratory Journal</i> , 2003, 21, 394-400.	3.1	90
80	Description of <i>Alcanivorax venustensis</i> sp. nov. and reclassification of <i>Fundibacter jadensis</i> DSM 12178T (Bruns and Berthe-Corti 1999) as <i>Alcanivorax jadensis</i> comb. nov., members of the emended genus <i>Alcanivorax</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 331-338.	0.8	88
81	Oral N-acetylcysteine reduces bleomycin-induced lung damage and mucin Muc5ac expression in rats. <i>European Respiratory Journal</i> , 2003, 22, 900-905.	3.1	83
82	Effectiveness of oral N -acetylcysteine in a rat experimental model of asthma. <i>Pharmacological Research</i> , 2002, 45, 135-140.	3.1	30
83	<i>Thalassospira lucentensis</i> gen. nov., sp. nov., a new marine member of the alpha-Proteobacteria. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 1277-1283.	0.8	53
84	Effects of taurine on pulmonary responses to antigen in sensitized Brownâ€“Norway rats. <i>European Journal of Pharmacology</i> , 2001, 431, 111-117.	1.7	14