

# Marco Antonio Meraz-Rios

## List of Publications by Year in descending order

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69  
papers

8,867  
citations

257450

24  
h-index

114465

63  
g-index

71  
all docs

71  
docs citations

71  
times ranked

18826  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning H <sub>2</sub> AuCl <sub>4</sub> /Sodium Citrate Stoichiometry to Fabricate Chitosan-Au Nanocomposites. <i>Polymers</i> , 2022, 14, 788.	4.5	7
2	Factorial design in the optimization and study <i>in vitro</i> of derivatives of imidazo[1,2-a]azines in the COX-2 isoforms inhibition. <i>Future Medicinal Chemistry</i> , 2022, 14, 771-784.	2.3	1
3	Distinct Transcriptional Profile of PDZ Genes after Activation of Human Macrophages and Dendritic Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7010.	4.1	1
4	Y chromosome diversity in Aztlan descendants and its implications for the history of Central Mexico. <i>IScience</i> , 2021, 24, 102487.	4.1	3
5	Epigenetic Evaluation of N-(2-hydroxyphenyl)-2-Propylpentanamide, a Valproic Acid Aryl Derivative with Activity Against HeLa Cells. <i>Current Molecular Pharmacology</i> , 2021, 14, 570-578.	1.5	3
6	Clinical Association of White Matter Hyperintensities Localization in a Mexican Family with Spastic Paraparesis Carrying the PSEN1 A431E Mutation. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 1075-1083.	2.6	6
7	Specific macrophage subsets accumulate in human subcutaneous and omental fat depots during obesity. <i>Immunology and Cell Biology</i> , 2020, 98, 868-882.	2.3	13
8	<i>ALOX5</i> , <i>LPA</i> , <i>MMP9</i> and <i>TPO</i> gene polymorphisms increase atherothrombosis susceptibility in middle-aged Mexicans. <i>Royal Society Open Science</i> , 2020, 7, 190775.	2.4	2
9	A $\beta$ <sub>40</sub> Oligomers Promote Survival and Early Neuronal Differentiation of Dentate Gyrus-Isolated Precursor Cells Through Activation of the Akt Signaling Pathway. <i>Neurotoxicity Research</i> , 2020, 38, 611-625.	2.7	2
10	Use of STAT6 Phosphorylation Inhibitor and Trimethylglycine as New Adjuvant Therapies for 5-Fluorouracil in Colitis-Associated Tumorigenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2130.	4.1	22
11	Chitosan-bioglass coatings on partially nanostructured anodized Ti-6Al-4V alloy for biomedical applications. <i>Surface and Coatings Technology</i> , 2019, 375, 468-476.	4.8	19
12	Compartmentalized Response of IL-6/STAT3 Signaling in the Colonic Mucosa Mediates Colitis Development. <i>Journal of Immunology</i> , 2019, 202, 1239-1249.	0.8	29
13	mTORC1 Prevents Epithelial Damage During Inflammation and Inhibits Colitis-Associated Colorectal Cancer Development. <i>Translational Oncology</i> , 2019, 12, 24-35.	3.7	10
14	Cholesterol or Fat Rich Diets Accelerate Natural Age-Decline on Adult Hippocampal Neurogenesis and Have an Impact in Memory and Like-Anxiety Behavior. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2019, 10, 331-345.	0.7	1
15	Soluble Factors from Human Olfactory Neural Stem/Progenitor Cells Influence the Fate Decisions of Hippocampal Neural Precursor Cells. <i>Molecular Neurobiology</i> , 2018, 55, 8014-8037.	4.0	9
16	Curcumin differentially affects cell cycle and cell death in acute and chronic myeloid leukemia cells. <i>Oncology Letters</i> , 2018, 15, 6777-6783.	1.8	26
17	Krüppel-Like Factor 10 participates in cervical cancer immunoediting through transcriptional regulation of Pregnancy-Specific Beta-1 Glycoproteins. <i>Scientific Reports</i> , 2018, 8, 9445.	3.3	11
18	Krüppel Like Factors Family Expression in Cervical Cancer Cells. <i>Archives of Medical Research</i> , 2017, 48, 314-322.	3.3	11

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19	pVHL suppresses Akt/ $\beta$ -catenin-mediated cell proliferation by inhibiting 14-3-3 $\eta$ expression. <i>Biochemical Journal</i> , 2017, 474, 2679-2689.	3.7	22
20	PPARG-LYPLAL1 Multi-Allelic Combination Associated with Obesity and Overweight in Mexican Adolescent Females. <i>Ethnicity and Disease</i> , 2016, 26, 477.	2.3	1
21	Editorial: Neurodegeneration: from Genetics to Molecules. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 187.	3.7	1
22	A Subpopulation of the K562 Cells Are Killed by Curcumin Treatment after G2/M Arrest and Mitotic Catastrophe. <i>PLoS ONE</i> , 2016, 11, e0165971.	2.5	15
23	The pro-inflammatory cytokines IFN $\gamma$ /TNF $\alpha$ increase chromogranin A-positive neuroendocrine cells in the colonic epithelium. <i>Biochemical Journal</i> , 2016, 473, 3805-3818.	3.7	20
24	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
25	Forensic-paternity effectiveness and genetics population analysis of six non-CODIS mini-STR loci (D1S1656, D2S441, D6S1043, D10S1248, D12S391, D22S1045) and SE33 in Mestizo and Amerindian populations from Mexico. <i>Annals of Human Biology</i> , 2016, 43, 563-571.		4
26	Green tea compound epigallo-catechin-3-gallate (EGCG) increases neuronal survival in adult hippocampal neurogenesis in vivo and in vitro. <i>Neuroscience</i> , 2016, 322, 208-220.	2.3	78
27	Atypical Activin A and IL-10 Production Impairs Human CD16+ Monocyte Differentiation into Anti-Inflammatory Macrophages. <i>Journal of Immunology</i> , 2016, 196, 1327-1337.	0.8	49
28	Docking Studies of Glutamine Valproic Acid Derivative (S)-5- amino-2-(heptan-4-ylamino)-5-oxopentanoic Acid (Gln-VPA) on HDAC8 with Biological Evaluation in HeLa Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016, 16, 1485-1490.	1.7	8
29	Interethnic variation of the MMP-9 microsatellite in Amerindian and Mexican Mestizo populations: considerations for genetic association studies. <i>Genetics and Molecular Research</i> , 2015, 14, 2929-2939.	0.2	4
30	Evaluation of inflammation-related genes polymorphisms in Mexican with Alzheimer's disease: a pilot study. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 148.	3.7	17
31	The relationship between truncation and phosphorylation at the C-terminus of tau protein in the paired helical filaments of Alzheimer's disease. <i>Frontiers in Neuroscience</i> , 2015, 9, 33.	2.8	41
32	Novel Nuclear Protein Complexes of Dystrophin 71 Isoforms in Rat Cultured Hippocampal GABAergic and Glutamatergic Neurons. <i>PLoS ONE</i> , 2015, 10, e0137328.	2.5	13
33	Early Onset Alzheimer's Disease and Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-14.	4.0	46
34	Association of vWA and TPOX Polymorphisms with Venous Thrombosis in Mexican Mestizos. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	8
35	Genetic Analysis of 17 Y-STRs in a Mestizo Population from the Central Valley of Mexico. <i>Human Biology</i> , 2014, 86, 289.	0.2	13
36	Krüppel-like factor 5 as potential molecular marker in cervical cancer and the KLF family profile expression. <i>Tumor Biology</i> , 2014, 35, 11399-11407.	1.8	29

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37	The Role of Tau Oligomers in the Onset of Alzheimer's Disease Neuropathology. ACS Chemical Neuroscience, 2014, 5, 1178-1191.	3.5	85
38	Three Amino Acid Derivatives of Valproic Acid: Design, Synthesis, Theoretical and Experimental Evaluation as Anticancer Agents. Anti-Cancer Agents in Medicinal Chemistry, 2014, 14, 984-993.	1.7	5
39	Effect of Cholesterol Enriched or Fatty-Acid Diets on Cholesterol and Lipid Levels in Young Wistar Rats. Advances in Bioscience and Biotechnology (Print), 2014, 05, 846-852.	0.7	2
40	Molecular Mechanism of Tau Aggregation Induced by Anionic and Cationic Dyes. Journal of Alzheimer's Disease, 2013, 35, 319-334.	2.6	31
41	Inflammatory process in Alzheimer's Disease. Frontiers in Integrative Neuroscience, 2013, 7, 59.	2.1	282
42	Las zonas neurog�nicas en el adulto y su relaci3n con las enfermedades neuropsiqui�tricas. Salud Mental, 2013, 36, 201.	0.3	1
43	Mexican mestizo population sub-structure: effects on genetic and forensic statistical parameters. Molecular Biology Reports, 2012, 39, 10139-10156.	2.3	16
44	Human CD16+ and CD16� monocyte subsets display unique effector properties in inflammatory conditions in vivo. Journal of Leukocyte Biology, 2011, 90, 1119-1131.	3.3	49
45	Tau oligomers and aggregation in Alzheimer�s disease. Journal of Neurochemistry, 2010, 112, 1353-1367.	3.9	140
46	Tolerogenic Dendritic Cells Generated with Different Immunosuppressive Cytokines Induce Antigen-Specific Anergy and Regulatory Properties in Memory CD4+ T Cells. Journal of Immunology, 2010, 184, 1765-1775.	0.8	202
47	ATP-binding Cassette Transporter ABCB5 Gene is Expressed with Variability in Malignant Melanoma. Actas Dermo-sifiligr�ficas, 2010, 101, 341-348.	0.4	0
48	Pathological-Like Assembly of tau Induced by a Paired Helical Filament Core Expressed at the Plasma Membrane. Journal of Alzheimer's Disease, 2009, 18, 919-933.	2.6	14
49	Plasma Membrane-Associated PHF-Core Could be the Trigger for Tau Aggregation in Alzheimer�s Disease. , 2009, , 93-100.		4
50	ABCB5 Gene is Expressed in Acral Melanoma of Poor Prognosis. Clinical Immunology, 2007, 123, S112.	3.2	0
51	Rat embryo quality and production efficiency are dependent on gonadotrophin dose in superovulatory treatments. Laboratory Animals, 2006, 40, 87-95.	1.0	16
52	Macrophage and T lymphocyte apoptosis during experimental pulmonary tuberculosis: their relationship to mycobacterial virulence. European Journal of Immunology, 2006, 36, 345-353.	2.9	65
53	A high-throughput colorimetric and fluorometric microassay for the evaluation of nitroimidazole derivatives anti-trichomonas activity. Toxicology in Vitro, 2005, 19, 1045-1050.	2.4	16
54	CD16+ human monocyte-derived dendritic cells matured with different and unrelated stimuli promote similar allogeneic Th2 responses: regulation by pro- and anti-inflammatory cytokines. International Immunology, 2004, 16, 1251-1263.	4.0	26

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55	Immune Response Induced in Vitro by CD16-and CD16+Monocyte-Derived Dendritic Cells in Patients with Metastatic Renal Cell Carcinoma Treated with Dendritic Cell Vaccines. <i>Journal of Clinical Immunology</i> , 2004, 24, 86-96.	3.8	30
56	Evidence in vitro of glial cell priming in the taiep rat. <i>Brain Research</i> , 2003, 965, 274-278.	2.2	16
57	Frequent Alterations of the &beta;-Catenin Protein in Cancer of the Uterine Cervix. <i>Tumor Biology</i> , 2002, 23, 45-53.	1.8	36
58	In Vivo Gene Transfer to Dopamine Neurons of Rat Substantia Nigra via the High-Affinity Neurotensin Receptor. <i>Molecular Medicine</i> , 2001, 7, 186-192.	4.4	37
59	High-Level Expression of NRAMP1 in Peripheral Blood Cells and Tuberculous Granulomas from Mycobacterium bovis -Infected Bovines. <i>Infection and Immunity</i> , 2001, 69, 7165-7168.	2.2	17
60	Neurotensin-SPDP-poly-l-lysine conjugate: a nonviral vector for targeted gene delivery to neural cells. <i>Molecular Brain Research</i> , 1999, 69, 249-262.	2.3	53
61	Disruption of the Jak1 Gene Demonstrates Obligatory and Nonredundant Roles of the Jaks in Cytokine-Induced Biologic Responses. <i>Cell</i> , 1998, 93, 373-383.	28.9	787
62	Targeted Disruption of the Stat1 Gene in Mice Reveals Unexpected Physiologic Specificity in the JAK-STAT Signaling Pathway. <i>Cell</i> , 1996, 84, 431-442.	28.9	1,537
63	Amoebicidal in vitro activity shown by some metronidazole analogues: biological response-reduction potential correlation. <i>Pharmaceutical Research</i> , 1995, 12, 630-633.	3.5	5
64	Actin mRNA Levels and Actin Synthesis During the Encystation of Entamoeba invadens. <i>Journal of Eukaryotic Microbiology</i> , 1994, 41, 360-365.	1.7	29
65	Characterization of an immuno-dominant variable surface antigen from pathogenic and nonpathogenic Entamoeba histolytica.. <i>Journal of Experimental Medicine</i> , 1990, 172, 879-888.	8.5	95
66	Isoenzyme Patterns of Entamoeba histolytica Isolates from Asymptomatic Carriers: Use of Gradient Acrylamide Gels. <i>American Journal of Tropical Medicine and Hygiene</i> , 1986, 35, 1134-1139.	1.4	18
67	Neuroinflammation and Alteration of the Blood-Brain Barrier in Alzheimer's Disease. , 0, , .		4
68	High-Fat and Cholesterol Intake Affects Brain Homeostasis and Could Accelerate the Development of Dementia: A Systemic View. , 0, , .		1
69	Alzheimer's Disease and Type 2 Diabetes Mellitus: Molecular Mechanisms and Similarities. , 0, , .		2