

# Geraldo A Passos

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

1,699  
citations

304743

22  
h-index

361022

35  
g-index

89  
all docs

89  
docs citations

89  
times ranked

2779  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcript Expression Profiles and MicroRNA Regulation Indicate an Upregulation of Processes Linked to Oxidative Stress, DNA Repair, Cell Death, and Inflammation in Type 1 Diabetes Mellitus Patients. <i>Journal of Diabetes Research</i> , 2022, 2022, 1-15.	2.3	6
2	Transcriptome During Normal Cell Differentiation. , 2022, , 209-222.		0
3	The absence of the autoimmune regulator gene (AIRE) impairs the three-dimensional structure of medullary thymic epithelial cell spheroids. <i>BMC Molecular and Cell Biology</i> , 2022, 23, 15.	2.0	0
4	miR-155 exerts posttranscriptional control of autoimmune regulator (Aire) and tissue-restricted antigen genes in medullary thymic epithelial cells. <i>BMC Genomics</i> , 2022, 23, .	2.8	2
5	Preface of the Special Issue "Anti-Tumor CART-Cell Therapy". <i>Critical Reviews in Immunology</i> , 2021, 41, v-vi.	0.5	0
6	Cigarette smoke induces <i>miR-132</i> in Th17 cells that enhance osteoclastogenesis in inflammatory arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	39
7	Autoimmune regulator act in synergism with thymocyte adhesion in the control of lncRNAs in medullary thymic epithelial cells. <i>Molecular Immunology</i> , 2021, 140, 127-135.	2.2	1
8	Aire Gene Influences the Length of the 3' UTR of mRNAs in Medullary Thymic Epithelial Cells. <i>Frontiers in Immunology</i> , 2020, 11, 1039.	4.8	1
9	Preface: Immune Response against Coronaviruses Including SARS-CoV-2. <i>Critical Reviews in Immunology</i> , 2020, 40, v-vi.	0.5	0
10	Identification of Cell-Free Circulating MicroRNAs for the Detection of Early Breast Cancer and Molecular Subtyping. <i>Journal of Oncology</i> , 2019, 2019, 1-11.	1.3	30
11	The Autoimmune Regulator (Aire) transactivates <i>HLA</i> gene expression in thymic epithelial cells. <i>Immunology</i> , 2019, 158, 121-135.	4.4	20
12	Adhesion between medullary thymic epithelial cells and thymocytes is regulated by miR-181b-5p and miR-30b*. <i>Molecular Immunology</i> , 2019, 114, 600-611.	2.2	11
13	Trans-chalcone activity against <i>Trichophyton rubrum</i> relies on an interplay between signaling pathways related to cell wall integrity and fatty acid metabolism. <i>BMC Genomics</i> , 2019, 20, 411.	2.8	9
14	The Thymus as a Mirror of the Body's Gene Expression. , 2019, , 215-234.		11
15	Post-transcriptional markers associated with clinical complications in Type 1 and Type 2 diabetes mellitus. <i>Molecular and Cellular Endocrinology</i> , 2019, 490, 1-14.	3.2	41
16	Effect of cell source and osteoblast differentiation on gene expression profiles of mesenchymal stem cells derived from bone marrow or adipose tissue. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 11842-11852.	2.6	17
17	Menopause transition promotes distinct modulation of mRNAs and miRNAs expression in calvaria and bone marrow osteoblastic cells. <i>Cell Biology International</i> , 2018, 42, 12-24.	3.0	8
18	Update on <i>Aire</i> and thymic negative selection. <i>Immunology</i> , 2018, 153, 10-20.	4.4	76

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19	Predicted miRNA-mRNA-mediated posttranscriptional control associated with differences in cervical and thoracic thymus function. <i>Molecular Immunology</i> , 2018, 99, 39-52.	2.2	5
20	Abnormal T-Cell Development in the Thymus of Non-obese Diabetic Mice: Possible Relationship With the Pathogenesis of Type 1 Autoimmune Diabetes. <i>Frontiers in Endocrinology</i> , 2018, 9, 381.	3.5	13
21	Aire Disruption Influences the Medullary Thymic Epithelial Cell Transcriptome and Interaction With Thymocytes. <i>Frontiers in Immunology</i> , 2018, 9, 964.	4.8	26
22	Posttranscriptional Interaction Between miR-450a-5p and miR-28-5p and STAT1 mRNA Triggers Osteoblastic Differentiation of Human Mesenchymal Stem Cells. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 4045-4062.	2.6	25
23	Oxidative Nanopatterning of Titanium Surface Influences mRNA and MicroRNA Expression in Human Alveolar Bone Osteoblastic Cells. <i>International Journal of Biomaterials</i> , 2016, 2016, 1-15.	2.4	6
24	Aire Downregulation Is Associated with Changes in the Posttranscriptional Control of Peripheral Tissue Antigens in Medullary Thymic Epithelial Cells. <i>Frontiers in Immunology</i> , 2016, 7, 526.	4.8	20
25	Identification of microRNAs with Dysregulated Expression in Status Epilepticus Induced Epileptogenesis. <i>PLoS ONE</i> , 2016, 11, e0163855.	2.5	13
26	Aire knockdown in medullary thymic epithelial cells affects Aire protein, deregulates cell adhesion genes and decreases thymocyte interaction. <i>Molecular Immunology</i> , 2016, 77, 157-173.	2.2	36
27	The Thymic Orchestration Involving Aire, miRNAs, and Cell-Cell Interactions during the Induction of Central Tolerance. <i>Frontiers in Immunology</i> , 2015, 6, 352.	4.8	38
28	Editorial: The Role of Aire, microRNAs and Cell-Cell Interactions on Thymic Architecture and Induction of Tolerance. <i>Frontiers in Immunology</i> , 2015, 6, 615.	4.8	4
29	Comprehensive Survey of miRNA-mRNA Interactions Reveals That Ccr7 and Cd247 (CD3 zeta) are Posttranscriptionally Controlled in Pancreas Infiltrating T Lymphocytes of Non-Obese Diabetic (NOD) Mice. <i>PLoS ONE</i> , 2015, 10, e0142688.	2.5	30
30	Undifferentiated pulp cells and odontoblast-like cells share genes involved in the process of odontogenesis. <i>Archives of Oral Biology</i> , 2015, 60, 593-599.	1.8	4
31	Assessment of DNA damage and mRNA/miRNA transcriptional expression profiles in hyperglycemic versus non-hyperglycemic patients with type 2 diabetes mellitus. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 776, 98-110.	1.0	22
32	Aire-dependent peripheral tissue antigen mRNAs in mTEC cells feature networking refractoriness to microRNA interaction. <i>Immunobiology</i> , 2015, 220, 93-102.	1.9	28
33	Transcriptomics in Health and Disease. , 2014, , .		3
34	Differential Transcript Profiles of MHC Class Ib (Qa-1, Qa-2, and Qa-10) and Aire Genes during the Ontogeny of Thymus and Other Tissues. <i>Journal of Immunology Research</i> , 2014, 2014, 1-12.	2.2	12
35	MicroRNA expression profiling and functional annotation analysis of their targets in patients with type 1 diabetes mellitus. <i>Gene</i> , 2014, 539, 213-223.	2.2	65
36	One-week intervention period led to improvements in glycemic control and reduction in DNA damage levels in patients with type 2 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2014, 105, 356-363.	2.8	16

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37	Integrative analysis of the transcriptome profiles observed in type 1, type 2 and gestational diabetes mellitus reveals the role of inflammation. <i>BMC Medical Genomics</i> , 2014, 7, 28.	1.5	28
38	Cisplatin associated with LY294002 increases cytotoxicity and induces changes in transcript profiles of glioblastoma cells. <i>Molecular Biology Reports</i> , 2014, 41, 165-177.	2.3	16
39	P102. <i>Human Immunology</i> , 2014, 75, 122.	2.4	0
40	What Is the Transcriptome and How it is Evaluated?. , 2014, , 3-48.		5
41	Transcriptome Analysis During Normal Human Mesenchymal Stem Cell Differentiation. , 2014, , 109-119.		1
42	MicroRNAs from peripheral blood mononuclear cells as biomarkers for detection of preclinical fibrosarcoma. <i>BMC Proceedings</i> , 2013, 7, P2.	1.6	1
43	Autoimmune regulator (Aire) controls the expression of microRNAs in medullary thymic epithelial cells. <i>Immunobiology</i> , 2013, 218, 554-560.	1.9	57
44	Ionizing radiation-induced gene expression changes in TP53 proficient and deficient glioblastoma cell lines. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 756, 46-55.	1.7	24
45	Expression profile of peripheral tissue antigen genes in medullary thymic epithelial cells (mTECs) is dependent on mRNA levels of autoimmune regulator (Aire). <i>Immunobiology</i> , 2013, 218, 96-104.	1.9	25
46	Transcriptome meta-analysis of peripheral lymphomonuclear cells indicates that gestational diabetes is closer to type 1 diabetes than to type 2 diabetes mellitus. <i>Molecular Biology Reports</i> , 2013, 40, 5351-5358.	2.3	24
47	Identifying common and specific microRNAs expressed in peripheral blood mononuclear cell of type 1, type 2, and gestational diabetes mellitus patients. <i>BMC Research Notes</i> , 2013, 6, 491.	1.4	132
48	T Cell Post-Transcriptional miRNA-mRNA Interaction Networks Identify Targets Associated with Susceptibility/Resistance to Collagen-induced Arthritis. <i>PLoS ONE</i> , 2013, 8, e54803.	2.5	30
49	Differential Gene Expression Profiles May Differentiate Responder and Nonresponder Patients with Rheumatoid Arthritis for Methotrexate (MTX) Monotherapy and MTX plus Tumor Necrosis Factor Inhibitor Combined Therapy. <i>Journal of Rheumatology</i> , 2012, 39, 1524-1532.	2.0	19
50	Gene expression profiles displayed by peripheral blood mononuclear cells from patients with type 2 diabetes mellitus focusing on biological processes implicated on the pathogenesis of the disease. <i>Gene</i> , 2012, 511, 151-160.	2.2	54
51	Murine Dendritic Cells Transcriptional Modulation upon <i>Paracoccidioides brasiliensis</i> Infection. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1459.	3.0	21
52	Bosentan, an endothelin receptor antagonist, ameliorates collagen-induced arthritis: the role of TNF- $\alpha$ in the induction of endothelin system genes. <i>Inflammation Research</i> , 2012, 61, 337-348.	4.0	22
53	Transcription profiling of Prss16 (Tssp) can be used to find additional peptidase genes that are candidates for self-peptide generation in the thymus. <i>Molecular Biology Reports</i> , 2012, 39, 4051-4058.	2.3	6
54	Collagen induced arthritis (CIA) in mice features regulatory transcriptional network connecting major histocompatibility complex (MHC H2) with autoantigen genes in the thymus. <i>Immunobiology</i> , 2011, 216, 591-603.	1.9	12

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55	The non-coding RNA BC1 is down-regulated in the hippocampus of Wistar Audiogenic Rat (WAR) strain after audiogenic kindling. <i>Brain Research</i> , 2011, 1367, 114-121.	2.2	22
56	Expression of genes related to apoptosis, cell cycle and signaling pathways are independent of TP53 status in urinary bladder cancer cells. <i>Molecular Biology Reports</i> , 2011, 38, 4159-4170.	2.3	21
57	Delayed effects of exposure to a moderate radiation dose on transcription profiles in human primary fibroblasts. <i>Environmental and Molecular Mutagenesis</i> , 2011, 52, 117-129.	2.2	9
58	Development of Type 1 Diabetes Mellitus in Nonobese Diabetic Mice Follows Changes in Thymocyte and Peripheral T Lymphocyte Transcriptional Activity. <i>Clinical and Developmental Immunology</i> , 2011, 2011, 1-12.	3.3	12
59	The Impact of Transcriptomics on the Fight against Tuberculosis: Focus on Biomarkers, BCG Vaccination, and Immunotherapy. <i>Clinical and Developmental Immunology</i> , 2011, 2011, 1-6.	3.3	14
60	Age-related deregulation of Aire and peripheral tissue antigen genes in the thymic stroma of non-obese diabetic (NOD) mice is associated with autoimmune type 1 diabetes mellitus (DM-1). <i>Molecular and Cellular Biochemistry</i> , 2010, 342, 21-28.	3.1	23
61	RNA interference-mediated knockdown of CD49e ( $\alpha 5$ integrin chain) in human thymic epithelial cells modulates the expression of multiple genes and decreases thymocyte adhesion. <i>BMC Genomics</i> , 2010, 11, S2.	2.8	32
62	Alterations in gene expression profiles correlated with cisplatin cytotoxicity in the glioma U343 cell line. <i>Genetics and Molecular Biology</i> , 2010, 33, 159-168.	1.3	17
63	Cell cycle arrest and apoptosis in TP53 subtypes of bladder carcinoma cell lines treated with cisplatin and gemcitabine. <i>Experimental Biology and Medicine</i> , 2010, 235, 814-824.	2.4	39
64	Shared and Unique Gene Expression in Systemic Lupus Erythematosus Depending on Disease Activity. <i>Annals of the New York Academy of Sciences</i> , 2009, 1173, 493-500.	3.8	13
65	The Effect of TAK-778 on Gene Expression of Osteoblastic Cells Is Mediated Through Estrogen Receptor. <i>Experimental Biology and Medicine</i> , 2009, 234, 190-199.	2.4	4
66	Gene Expression Profiles in Radiation Workers Occupationally Exposed to Ionizing Radiation. <i>Journal of Radiation Research</i> , 2009, 50, 61-71.	1.6	73
67	Transcriptional Response of Peripheral Lymphocytes to Early Fibrosarcoma: A Model System for Cancer Detection Based on Hybridization Signatures. <i>Experimental Biology and Medicine</i> , 2009, 234, 802-812.	2.4	2
68	Microarray-based gene expression analysis of human osteoblasts in response to different biomaterials. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 88A, 401-408.	4.0	35
69	Comprehensive gene expression profiling in lungs of mice infected with <i>Mycobacterium tuberculosis</i> following DNAhsp65 immunotherapy. <i>Journal of Gene Medicine</i> , 2009, 11, 66-78.	2.8	22
70	Occurrence of TRGV-BJ hybrid gene in SV40-transformed fibroblast cell lines. <i>Genetica</i> , 2009, 136, 471-478.	1.1	0
71	Differential gene expression of peripheral blood mononuclear cells from rheumatoid arthritis patients may discriminate immunogenetic, pathogenic and treatment features. <i>Immunology</i> , 2009, 127, 365-372.	4.4	20
72	Evidence for a network transcriptional control of promiscuous gene expression in medullary thymic epithelial cells. <i>Molecular Immunology</i> , 2009, 46, 3240-3244.	2.2	26

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73	Genetic Susceptibility Loci in Rheumatoid Arthritis Establish Transcriptional Regulatory Networks with Other Genes. <i>Annals of the New York Academy of Sciences</i> , 2009, 1173, 521-537.	3.8	12
74	Genes that code for T cell signaling proteins establish transcriptional regulatory networks during thymus ontogeny. <i>Molecular and Cellular Biochemistry</i> , 2008, 318, 63-71.	3.1	6
75	Gene Expression Profiles Stratified according to Type 1 Diabetes Mellitus Susceptibility Regions. <i>Annals of the New York Academy of Sciences</i> , 2008, 1150, 282-289.	3.8	13
76	Transcriptional changes in U343 MG-a glioblastoma cell line exposed to ionizing radiation. <i>Human and Experimental Toxicology</i> , 2008, 27, 919-929.	2.2	19
77	Gene Expression Profiles in Human Lymphocytes Irradiated In Vitro with Low Doses of Gamma Rays. <i>Radiation Research</i> , 2007, 168, 650.	1.5	59
78	Time Course of c-fos, vasopressin and oxytocin mRNA Expression in the Hypothalamus Following Long-Term Dehydration. <i>Cellular and Molecular Neurobiology</i> , 2007, 27, 575-584.	3.3	20
79	Use of the CRISPR/Cas9 System for Genome Editing of Immune System Cells, Defense Against HIV-1 and Cancer Therapies. , 0, , 401-413.		0
80	Effect of osteoporosis in the transcriptional profile of osteoblastic cells from bone marrow and calvaria of ovariectomized rats. <i>Bone Abstracts</i> , 0, , .	0.0	0