

# Willian Abraham da Silveira

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

811  
citations

567281

15  
h-index

552781

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g-index

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39  
docs citations

39  
times ranked

1289  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive Multi-omics Analysis Reveals Mitochondrial Stress as a Central Biological Hub for Spaceflight Impact. <i>Cell</i> , 2020, 183, 1185-1201.e20.	28.9	161
2	Primary cilia defects causing mitral valve prolapse. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	76
3	Genomics pipelines and data integration: challenges and opportunities in the research setting. <i>Expert Review of Molecular Diagnostics</i> , 2017, 17, 225-237.	3.1	54
4	Systems Analysis of the Liver Transcriptome in Adult Male Zebrafish Exposed to the Plasticizer (2-Ethylhexyl) Phthalate (DEHP). <i>Scientific Reports</i> , 2018, 8, 2118.	3.3	48
5	Multi-omics analysis of multiple missions to space reveal a theme of lipid dysregulation in mouse liver. <i>Scientific Reports</i> , 2019, 9, 19195.	3.3	46
6	Prominence of IL6, IGF, TLR, and Bioenergetics Pathway Perturbation in Lung Tissues of Scleroderma Patients With Pulmonary Fibrosis. <i>Frontiers in Immunology</i> , 2020, 11, 383.	4.8	40
7	Spaceflight influences gene expression, photoreceptor integrity, and oxidative stress-related damage in the murine retina. <i>Scientific Reports</i> , 2019, 9, 13304.	3.3	38
8	Transcription Factor Networks derived from Breast Cancer Stem Cells control the immune response in the Basal subtype. <i>Scientific Reports</i> , 2017, 7, 2851.	3.3	28
9	The Plasticizer Bisphenol A Perturbs the Hepatic Epigenome: A Systems Level Analysis of the miRNome. <i>Genes</i> , 2017, 8, 269.	2.4	28
10	miRmapper: A Tool for Interpretation of miRNA-mRNA Interaction Networks. <i>Genes</i> , 2018, 9, 458.	2.4	25
11	Gene expression and immunohistochemical analyses identify SOX2 as major risk factor for overall survival and relapse in Ewing sarcoma patients. <i>EBioMedicine</i> , 2019, 47, 156-162.	6.1	23
12	Mice Exposed to Combined Chronic Low-Dose Irradiation and Modeled Microgravity Develop Long-Term Neurological Sequelae. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4094.	4.1	20
13	NASA GeneLab RNA-seq consensus pipeline: Standardized processing of short-read RNA-seq data. <i>IScience</i> , 2021, 24, 102361.	4.1	20
14	Antifibrotic factor KLF4 is repressed by the miR-10/TFAP2A/TBX5 axis in dermal fibroblasts: insights from twins discordant for systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 268-277.	0.9	19
15	A Human Skin Model Recapitulates Systemic Sclerosis Dermal Fibrosis and Identifies COL22A1 as a TGF $\beta^2$ Early Response Gene that Mediates Fibroblast to Myfibroblast Transition. <i>Genes</i> , 2019, 10, 75.	2.4	18
16	NASA GeneLab Platform Utilized for Biological Response to Space Radiation in Animal Models. <i>Cancers</i> , 2020, 12, 381.	3.7	18
17	ABCG2 is a potential marker of tumor-initiating cells in breast cancer. <i>Tumor Biology</i> , 2015, 36, 9233-9243.	1.8	13
18	Mammalian and Invertebrate Models as Complementary Tools for Gaining Mechanistic Insight on Muscle Responses to Spaceflight. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9470.	4.1	12

#	ARTICLE	IF	CITATIONS
19	Genome-Wide Analysis of Low Dose Bisphenol-A (BPA) Exposure in Human Prostate Cells. <i>Current Genomics</i> , 2019, 20, 260-274.	1.6	12
20	Systems analysis of the liver transcriptome in adult male zebrafish exposed to the non-ionic surfactant nonylphenol. <i>General and Comparative Endocrinology</i> , 2019, 271, 1-14.	1.8	11
21	Immunological and hematological outcomes following protracted low dose/low dose rate ionizing radiation and simulated microgravity. <i>Scientific Reports</i> , 2021, 11, 11452.	3.3	11
22	Revamping Space-omics in Europe. <i>Cell Systems</i> , 2020, 11, 555-556.	6.2	11
23	PDGF Promotes Dermal Fibroblast Activation via a Novel Mechanism Mediated by Signaling Through MCHR1. <i>Frontiers in Immunology</i> , 2021, 12, 745308.	4.8	11
24	Molecular Profiling of RNA Tumors Using High-Throughput RNA Sequencing: From Raw Data to Systems Level Analyses. <i>Methods in Molecular Biology</i> , 2019, 1908, 185-204.	0.9	8
25	Induced Torpor as a Countermeasure for Low Dose Radiation Exposure in a Zebrafish Model. <i>Cells</i> , 2021, 10, 906.	4.1	8
26	A Systems Approach to Interrogate Gene Expression Patterns in African American Men Presenting with Clinically Localized Prostate Cancer. <i>Cancers</i> , 2021, 13, 5143.	3.7	7
27	miRNA and lncRNA Expression Networks Modulate Cell Cycle and DNA Repair Inhibition in Senescent Prostate Cells. <i>Genes</i> , 2022, 13, 208.	2.4	7
28	Long non-coding RNAs and their potential impact on diagnosis, prognosis, and therapy in prostate cancer: racial, ethnic, and geographical considerations. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 1257-1271.	3.1	6
29	Space omics research in Europe: Contributions, geographical distribution and ESA member state funding schemes. <i>IScience</i> , 2022, 25, 103920.	4.1	6
30	Interplay Between MicroRNAs and Targeted Genes in Cellular Homeostasis of Adult Zebrafish (Danio) Tj ETQq0 0 0 ggBT /Overlock 10 Tff	1.6	5
31	GAIL: An interactive webserver for inference and dynamic visualization of gene-gene associations based on gene ontology guided mining of biomedical literature. <i>PLoS ONE</i> , 2019, 14, e0219195.	2.5	5
32	Semi-supervised identification of cancer subgroups using survival outcomes and overlapping grouping information. <i>Statistical Methods in Medical Research</i> , 2019, 28, 2137-2149.	1.5	5
33	PALMER: improving pathway annotation based on the biomedical literature mining with a constrained latent block model. <i>BMC Bioinformatics</i> , 2020, 21, 432.	2.6	5
34	Identification of a Subtype of Poorly Differentiated Invasive Ductal Carcinoma of the Breast Based on Vimentin and E-cadherin Expression. <i>Revista Brasileira De Ginecologia E Obstetricia</i> , 2018, 40, 779-786.	0.8	4
35	The effects of rosiglitazone on the neonatal rat cardiomyocyte transcriptome: a temporal analysis. <i>Pharmacogenomics</i> , 2019, 20, 1125-1141.	1.3	1
36	Molecular Profiling of RNA Tumors Using High-Throughput RNA Sequencing: Overview of Library Preparation Methods. <i>Methods in Molecular Biology</i> , 2019, 1908, 169-184.	0.9	1

#	ARTICLE	IF	CITATIONS
37	Abstract P2-07-08: Interaction of mesenchymal stem cell with breast cancer lineage cells and evaluation of their biological behavior. , 2015, , .		0