Willian Abraham da Silveira

List of Publications by Year
in descending order

37 papers	811 citations	567281 15 h-index	552781 26 g-index
39 all docs	39 docs citations	39 times ranked	1289 citing authors

#	Article	IF	Citations
1	Antifibrotic factor KLF4 is repressed by the miR-10/TFAP2A/TBX5 axis in dermal fibroblasts: insights from twins discordant for systemic sclerosis. Annals of the Rheumatic Diseases, 2022, 81, 268-277.	0.9	19
2	miRNA and lncRNA Expression Networks Modulate Cell Cycle and DNA Repair Inhibition in Senescent Prostate Cells. Genes, 2022, 13, 208.	2.4	7
3	Space omics research in Europe: Contributions, geographical distribution and ESA member state funding schemes. IScience, 2022, 25, 103920.	4.1	6
4	Induced Torpor as a Countermeasure for Low Dose Radiation Exposure in a Zebrafish Model. Cells, 2021, 10, 906.	4.1	8
5	NASA GeneLab RNA-seq consensus pipeline: Standardized processing of short-read RNA-seq data. IScience, 2021, 24, 102361.	4.1	20
6	Immunological and hematological outcomes following protracted low dose/low dose rate ionizing radiation and simulated microgravity. Scientific Reports, 2021, 11, 11452.	3.3	11
7	Mammalian and Invertebrate Models as Complementary Tools for Gaining Mechanistic Insight on Muscle Responses to Spaceflight. International Journal of Molecular Sciences, 2021, 22, 9470.	4.1	12
8	Long non-coding RNAs and their potential impact on diagnosis, prognosis, and therapy in prostate cancer: racial, ethnic, and geographical considerations. Expert Review of Molecular Diagnostics, 2021, 21, 1257-1271.	3.1	6
9	A Systems Approach to Interrogate Gene Expression Patterns in African American Men Presenting with Clinically Localized Prostate Cancer. Cancers, 2021, 13, 5143.	3.7	7
10	PDGF Promotes Dermal Fibroblast Activation via a Novel Mechanism Mediated by Signaling Through MCHR1. Frontiers in Immunology, 2021, 12, 745308.	4.8	11
11	PALMER: improving pathway annotation based on the biomedical literature mining with a constrained latent block model. BMC Bioinformatics, 2020, 21, 432.	2.6	5
12	Comprehensive Multi-omics Analysis Reveals Mitochondrial Stress as a Central Biological Hub for Spaceflight Impact. Cell, 2020, 183, 1185-1201.e20.	28.9	161
13	Prominence of IL6, IGF, TLR, and Bioenergetics Pathway Perturbation in Lung Tissues of Scleroderma Patients With Pulmonary Fibrosis. Frontiers in Immunology, 2020, 11, 383.	4.8	40
14	NASA GeneLab Platform Utilized for Biological Response to Space Radiation in Animal Models. Cancers, 2020, 12, 381.	3.7	18
15	Revamping Space-omics in Europe. Cell Systems, 2020, 11, 555-556.	6.2	11
16	Gene expression and immunohistochemical analyses identify SOX2 as major risk factor for overall survival and relapse in Ewing sarcoma patients. EBioMedicine, 2019, 47, 156-162.	6.1	23
17	GAIL: An interactive webserver for inference and dynamic visualization of gene-gene associations based on gene ontology guided mining of biomedical literature. PLoS ONE, 2019, 14, e0219195.	2.5	5
18	Mice Exposed to Combined Chronic Low-Dose Irradiation and Modeled Microgravity Develop Long-Term Neurological Sequelae. International Journal of Molecular Sciences, 2019, 20, 4094.	4.1	20

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19	Spaceflight influences gene expression, photoreceptor integrity, and oxidative stress-related damage in the murine retina. Scientific Reports, 2019, 9, 13304.	3.3	38
20	A Human Skin Model Recapitulates Systemic Sclerosis Dermal Fibrosis and Identifies COL22A1 as a TGFβ Early Response Gene that Mediates Fibroblast to Myofibroblast Transition. Genes, 2019, 10, 75.	2.4	18
21	Molecular Profiling of RNA Tumors Using High-Throughput RNA Sequencing: From Raw Data to Systems Level Analyses. Methods in Molecular Biology, 2019, 1908, 185-204.	0.9	8
22	Primary cilia defects causing mitral valve prolapse. Science Translational Medicine, 2019, 11, .	12.4	76
23	Multi-omics analysis of multiple missions to space reveal a theme of lipid dysregulation in mouse liver. Scientific Reports, 2019, 9, 19195.	3.3	46
24	The effects of rosiglitazone on the neonatal rat cardiomyocyte transcriptome: a temporal analysis. Pharmacogenomics, 2019, 20, 1125-1141.	1.3	1
25	Molecular Profiling of RNA Tumors Using High-Throughput RNA Sequencing: Overview of Library Preparation Methods. Methods in Molecular Biology, 2019, 1908, 169-184.	0.9	1
26	Systems analysis of the liver transcriptome in adult male zebrafish exposed to the non-ionic surfactant nonylphenol. General and Comparative Endocrinology, 2019, 271, 1-14.	1.8	11
27	Semi-supervised identification of cancer subgroups using survival outcomes and overlapping grouping information. Statistical Methods in Medical Research, 2019, 28, 2137-2149.	1.5	5
28	Genome-Wide Analysis of Low Dose Bisphenol-A (BPA) Exposure in Human Prostate Cells. Current Genomics, 2019, 20, 260-274.	1.6	12
29	Systems Analysis of the Liver Transcriptome in Adult Male Zebrafish Exposed to the Plasticizer (2-Ethylhexyl) Phthalate (DEHP). Scientific Reports, 2018, 8, 2118.	3.3	48
30	Interplay Between MicroRNAs and Targeted Genes in Cellular Homeostasis of Adult Zebrafish (Danio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	5
31	Identification of a Subtype of Poorly Differentiated Invasive Ductal Carcinoma of the Breast Based on Vimentin and E-cadherin Expression. Revista Brasileira De Ginecologia E Obstetricia, 2018, 40, 779-786.	0.8	4
32	miRmapper: A Tool for Interpretation of miRNA–mRNA Interaction Networks. Genes, 2018, 9, 458.	2.4	25
33	Genomics pipelines and data integration: challenges and opportunities in the research setting. Expert Review of Molecular Diagnostics, 2017, 17, 225-237.	3.1	54
34	Transcription Factor Networks derived from Breast Cancer Stem Cells control the immune response in the Basal subtype. Scientific Reports, 2017, 7, 2851.	3.3	28
35	The Plasticizer Bisphenol A Perturbs the Hepatic Epigenome: A Systems Level Analysis of the miRNome. Genes, 2017, 8, 269.	2.4	28
36	ABCG2 is a potential marker of tumor-initiating cells in breast cancer. Tumor Biology, 2015, 36, 9233-9243.	1.8	13

#	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