

# Bruno Dallagiovanna

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

1,754  
citations

279701

23  
h-index

302012

39  
g-index

69  
all docs

69  
docs citations

69  
times ranked

2013  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microproteins in skeletal muscle: hidden keys in muscle physiology. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 100-113.	2.9	9
2	Linking long noncoding RNAs (lncRNAs) and doping detection. <i>Drug Testing and Analysis</i> , 2021, 13, 1068-1071.	1.6	3
3	Reorganization of Metabolism during Cardiomyogenesis Implies Time-Specific Signaling Pathway Regulation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1330.	1.8	2
4	Using inhibition of the adipogenesis of adipose-derived stem cells in vitro for toxicity prediction. <i>MethodsX</i> , 2021, 8, 101515.	0.7	2
5	Long Non-Coding RNAs Associated with Ribosomes in Human Adipose-Derived Stem Cells: From RNAs to Microproteins. <i>Biomolecules</i> , 2021, 11, 1673.	1.8	5
6	Proteogenomic Analysis Reveals Proteins Involved in the First Step of Adipogenesis in Human Adipose-Derived Stem Cells. <i>Stem Cells International</i> , 2021, 2021, 1-14.	1.2	5
7	Dose-dependent cell necrosis induced by silica nanoparticles. <i>Toxicology in Vitro</i> , 2020, 63, 104723.	1.1	7
8	Long Non-coding RNAs Are Differentially Expressed After Different Exercise Training Programs. <i>Frontiers in Physiology</i> , 2020, 11, 567614.	1.3	29
9	Adipogenesis, Osteogenesis, and Chondrogenesis of Human Mesenchymal Stem/Stromal Cells: A Comparative Transcriptome Approach. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 561.	1.8	73
10	Secretome Analysis Performed During in vitro Cardiac Differentiation: Discovering the Cardiac Microenvironment. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 49.	1.8	12
11	Polysome-associated lncRNAs during cardiomyogenesis of hESCs. <i>Molecular and Cellular Biochemistry</i> , 2020, 468, 35-45.	1.4	4
12	Data describing the experimental design and quality control of RNA-Seq of human adipose-derived stem cells undergoing early adipogenesis and osteogenesis. <i>Data in Brief</i> , 2020, 28, 105053.	0.5	8
13	DDX6 Helicase Behavior and Protein Partners in Human Adipose Tissue-Derived Stem Cells during Early Adipogenesis and Osteogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2607.	1.8	12
14	Influence of donor age on the differentiation and division capacity of human adipose-derived stem cells. <i>World Journal of Stem Cells</i> , 2020, 12, 1640-1651.	1.3	14
15	Effects of PUMILIO1 and PUMILIO2 knockdown on cardiomyogenic differentiation of human embryonic stem cells culture. <i>PLoS ONE</i> , 2020, 15, e0222373.	1.1	2
16	The inhibition of adipogenesis via an in vitro assay can reduce animal use by more precisely estimating the starting dose for the acute toxic class method. <i>Toxicology Letters</i> , 2019, 311, 80-90.	0.4	4
17	Cardiomyogenic differentiation is fine-tuned by differential mRNA association with polysomes. <i>BMC Genomics</i> , 2019, 20, 219.	1.2	27
18	Cell cycle genes are downregulated after adipogenic triggering in human adipose tissue-derived stem cells by regulation of mRNA abundance. <i>Scientific Reports</i> , 2019, 9, 5611.	1.6	24

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19	Gene expression analysis of human adipose tissue-derived stem cells during the initial steps of in vitro osteogenesis. <i>Scientific Reports</i> , 2018, 8, 4739.	1.6	18
20	Human adipose-derived stem cells (ADSC) and human periodontal ligament stem cells (PDLSC) as cellular substrates of a toxicity prediction assay. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 92, 75-82.	1.3	12
21	Crosstalk between Hedgehog pathway and energy pathways in human adipose-derived stem cells: A deep sequencing analysis of polysome-associated RNA. <i>Scientific Reports</i> , 2018, 8, 8411.	1.6	6
22	Dose-dependent cytotoxicity of bismuth nanoparticles produced by LASiS in a reference mammalian cell line BALB/c 3T3. <i>Toxicology in Vitro</i> , 2018, 53, 99-106.	1.1	20
23	Polysome profiling followed by RNA-seq of cardiac differentiation stages in hESCs. <i>Scientific Data</i> , 2018, 5, 180287.	2.4	22
24	lncRNAs are associated with polysomes during adipose-derived stem cell differentiation. <i>Gene</i> , 2017, 610, 103-111.	1.0	16
25	Downregulation of the protein synthesis machinery is a major regulatory event during early adipogenic differentiation of human adipose-derived stromal cells. <i>Stem Cell Research</i> , 2017, 25, 191-201.	0.3	24
26	Metabolic switches during the first steps of adipogenic stem cells differentiation. <i>Stem Cell Research</i> , 2016, 17, 413-421.	0.3	39
27	Stem Cell Ribonomics: RNA-Binding Proteins and Gene Networks in Stem Cell Differentiation. <i>Frontiers in Molecular Biosciences</i> , 2015, 2, 74.	1.6	12
28	Ribosome profiling reveals translation control as a key mechanism generating differential gene expression in <i>Trypanosoma cruzi</i> . <i>BMC Genomics</i> , 2015, 16, 443.	1.2	121
29	The use of human adipose-derived stem cells based cytotoxicity assay for acute toxicity test. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 73, 992-998.	1.3	32
30	Ribonomic analysis of human DZIP1 reveals its involvement in ribonucleoprotein complexes and stress granules. <i>BMC Molecular Biology</i> , 2014, 15, 12.	3.0	9
31	Polysome Profiling Shows the Identity of Human Adipose-Derived Stromal/Stem Cells in Detail and Clearly Distinguishes Them from Dermal Fibroblasts. <i>Stem Cells and Development</i> , 2014, 23, 2791-2802.	1.1	9
32	Posttranscriptional Control During Stem Cells Differentiation. , 2014, , 95-107.		0
33	Evidence for a negative feedback control mediated by the 3' untranslated region assuring the low expression level of the RNA binding protein TcRBP19 in <i>T. cruzi</i> epimastigotes. <i>Biochemical and Biophysical Research Communications</i> , 2013, 436, 295-299.	1.0	11
34	Polysome profiling shows extensive posttranscriptional regulation during human adipocyte stem cell differentiation into adipocytes. <i>Stem Cell Research</i> , 2013, 11, 902-912.	0.3	46
35	The epigenetic modifiers 5-aza-2'-deoxycytidine and trichostatin A influence adipocyte differentiation in human mesenchymal stem cells. <i>Brazilian Journal of Medical and Biological Research</i> , 2013, 46, 405-416.	0.7	34
36	Role of Alternative Polyadenylation during Adipogenic Differentiation: An In Silico Approach. <i>PLoS ONE</i> , 2013, 8, e75578.	1.1	10

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37	mRNA Localization Mechanisms in <i>Trypanosoma cruzi</i> . PLoS ONE, 2013, 8, e81375.	1.1	8
38	PUMILIO-2 Is Involved in the Positive Regulation of Cellular Proliferation in Human Adipose-Derived Stem Cells. Stem Cells and Development, 2012, 21, 217-227.	1.1	32
39	Molecular characterization of the <i>Trypanosoma cruzi</i> specific RNA binding protein TcRBP40 and its associated mRNAs. Biochemical and Biophysical Research Communications, 2012, 420, 302-307.	1.0	18
40	The zinc finger protein TcZFP2 binds target mRNAs enriched during <i>Trypanosoma cruzi</i> metacyclogenesis. Memorias Do Instituto Oswaldo Cruz, 2012, 107, 790-799.	0.8	22
41	Distinct subcellular localization of tRNA-derived fragments in the infective metacyclic forms of <i>Trypanosoma cruzi</i> . Memorias Do Instituto Oswaldo Cruz, 2012, 107, 816-819.	0.8	23
42	The overexpression of the trypanosomatid-exclusive TcRBP19 RNA-binding protein affects cellular infection by <i>Trypanosoma cruzi</i> . Memorias Do Instituto Oswaldo Cruz, 2012, 107, 1076-1079.	0.8	14
43	Protein and mRNA content of TcDHH1-containing mRNPs in <i>Trypanosoma cruzi</i> . FEBS Journal, 2010, 277, 3415-3426.	2.2	46
44	Human cardiac explant-conditioned medium: soluble factors and cardiomyogenic effect on mesenchymal stem cells. Experimental Biology and Medicine, 2010, 235, 1015-1024.	1.1	20
45	Are purified or expanded cord blood-derived CD133 <sup>+</sup> cells better at improving cardiac function?. Experimental Biology and Medicine, 2010, 235, 119-129.	1.1	38
46	The <i>Trypanosoma cruzi</i> nucleic acid binding protein Tc38 presents changes in the intramitochondrial distribution during the cell cycle. BMC Microbiology, 2009, 9, 34.	1.3	10
47	Characterization of a 21 kDa protein from <i>Trypanosoma cruzi</i> associated with mammalian cell invasion. Microbes and Infection, 2009, 11, 563-570.	1.0	44
48	Expression of cardiac function genes in adult stem cells is increased by treatment with nitric oxide agents. Biochemical and Biophysical Research Communications, 2009, 378, 456-461.	1.0	20
49	Functional Genomic Characterization of mRNAs Associated with TcPUF6, a Pumilio-like Protein from <i>Trypanosoma cruzi</i> . Journal of Biological Chemistry, 2008, 283, 8266-8273.	1.6	43
50	<i>Trypanosoma cruzi</i> : a stage-specific calpain-like protein is induced after various kinds of stress. Memorias Do Instituto Oswaldo Cruz, 2008, 103, 598-601.	0.8	26
51	Formação in vitro de túbulo capilares a partir de células de sangue de cordão umbilical humano com perspectivas para aplicação terapêutica. Brazilian Journal of Cardiovascular Surgery, 2008, 23, 467-473.	0.2	10
52	Small-Subunit rRNA Processome Proteins Are Translationally Regulated during Differentiation of <i>Trypanosoma cruzi</i> . Eukaryotic Cell, 2007, 6, 337-345.	3.4	28
53	Proteomic analysis of metacyclic trypomastigotes undergoing <i>Trypanosoma cruzi</i> metacyclogenesis. Journal of Mass Spectrometry, 2007, 42, 1422-1432.	0.7	90
54	<i>Trypanosoma cruzi</i> : Molecular characterization of an RNA binding protein differentially expressed in the parasite life cycle. Experimental Parasitology, 2007, 117, 99-105.	0.5	13

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55	Trypanosoma cruzi: Molecular characterization of TcPUF6, a Pumilio protein. <i>Experimental Parasitology</i> , 2005, 109, 260-264.	0.5	23
56	Swine and Poultry Pathogens: the Complete Genome Sequences of Two Strains of <i>Mycoplasma hyopneumoniae</i> and a Strain of <i>Mycoplasma synoviae</i> . <i>Journal of Bacteriology</i> , 2005, 187, 5568-5577.	1.0	289
57	TcZFP1: a CCCH zinc finger protein of <i>Trypanosoma cruzi</i> that binds poly-C oligoribonucleotides in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2004, 319, 169-177.	1.0	25
58	A novel type of single-stranded nucleic acid binding protein recognizing a highly frequent motif in the intergenic regions of <i>Trypanosoma cruzi</i> . <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 183-188.	1.0	11
59	Stage-specific gene expression during <i>Trypanosoma cruzi</i> metacyclogenesis. <i>Genetics and Molecular Research</i> , 2003, 2, 159-68.	0.3	37
60	Unusual Features of Poly[dT-dG]·[dC-dA] Stretches in CDS-Flanking Regions of <i>Trypanosoma cruzi</i> Genome. <i>Biochemical and Biophysical Research Communications</i> , 2001, 287, 98-103.	1.0	14
61	<i>Trypanosoma cruzi</i> : A Gene Family Encoding Chitin-Binding-like Proteins Is Posttranscriptionally Regulated during Metacyclogenesis. <i>Experimental Parasitology</i> , 2001, 99, 7-16.	0.5	19
62	<i>Trypanosoma cruzi</i> : Molecular Cloning of a Gene Coding for a Putative Vacuolar Protein. <i>Experimental Parasitology</i> , 2000, 94, 129-131.	0.5	1
63	Characterization of a new ATP-binding cassette transporter in <i>Trypanosoma cruzi</i> associated to a L1Tc retrotransposon. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1999, 1489, 428-432.	2.4	21
64	A new member of YER057c family in <i>Trypanosoma cruzi</i> is adjacent to an ABC-transporter. <i>Gene</i> , 1998, 220, 1-12.	1.0	12
65	Molecular characterization of a P-glycoprotein-related tcpgp2 gene in <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 1996, 75, 145-157.	0.5	42
66	<i>Trypanosoma cruzi</i> : Sequence of the ATP-Binding Site of a P-Glycoprotein Gene. <i>Experimental Parasitology</i> , 1994, 79, 63-67.	0.5	16
67	A developmentally regulated gene of <i>Echinococcus granulosus</i> codes for a 15.5-kilodalton polypeptide related to fatty acid binding proteins. <i>Molecular and Biochemical Parasitology</i> , 1993, 58, 215-222.	0.5	56