

Mirko Trajkovski

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

4,463
citations

304743

22
h-index

361022

35
g-index

40
all docs

40
docs citations

40
times ranked

7253
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNAs 103 and 107 regulate insulin sensitivity. <i>Nature</i> , 2011, 474, 649-653.	27.8	902
2	miR-375 maintains normal pancreatic β - and δ -cell mass. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5813-5818.	7.1	710
3	Gut Microbiota Orchestrates Energy Homeostasis during Cold. <i>Cell</i> , 2015, 163, 1360-1374.	28.9	581
4	Microbiota depletion promotes browning of white adipose tissue and reduces obesity. <i>Nature Medicine</i> , 2015, 21, 1497-1501.	30.7	324
5	MyomiR-133 regulates brown fat differentiation through Prdm16. <i>Nature Cell Biology</i> , 2012, 14, 1330-1335.	10.3	224
6	Caloric Restriction Leads to Browning of White Adipose Tissue through Type 2 Immune Signaling. <i>Cell Metabolism</i> , 2016, 24, 434-446.	16.2	221
7	Functional Gut Microbiota Remodeling Contributes to the Caloric Restriction-Induced Metabolic Improvements. <i>Cell Metabolism</i> , 2018, 28, 907-921.e7.	16.2	170
8	The Immune System Bridges the Gut Microbiota with Systemic Energy Homeostasis: Focus on TLRs, Mucosal Barrier, and SCFAs. <i>Frontiers in Immunology</i> , 2017, 8, 1353.	4.8	134
9	MIR-27 orchestrates the transcriptional regulation of brown adipogenesis. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 272-282.	3.4	133
10	Critical Assessment of Metagenome Interpretation: the second round of challenges. <i>Nature Methods</i> , 2022, 19, 429-440.	19.0	133
11	ATLAS: a Snakemake workflow for assembly, annotation, and genomic binning of metagenome sequence data. <i>BMC Bioinformatics</i> , 2020, 21, 257.	2.6	91
12	Warmth Prevents Bone Loss Through the Gut Microbiota. <i>Cell Metabolism</i> , 2020, 32, 575-590.e7.	16.2	88
13	MicroRNAs Are Required for the Feature Maintenance and Differentiation of Brown Adipocytes. <i>Diabetes</i> , 2014, 63, 4045-4056.	0.6	87
14	Synergy of glucose and growth hormone signalling in islet cells through ICA512 and STAT5. <i>Nature Cell Biology</i> , 2006, 8, 435-445.	10.3	74
15	Nuclear translocation of an ICA512 cytosolic fragment couples granule exocytosis and insulin expression in β -cells. <i>Journal of Cell Biology</i> , 2004, 167, 1063-1074.	5.2	70
16	MicroRNA networks regulate development of brown adipocytes. <i>Trends in Endocrinology and Metabolism</i> , 2013, 24, 442-450.	7.1	61
17	Regulation of body weight and energy homeostasis by neuronal cell adhesion molecule 1. <i>Nature Neuroscience</i> , 2017, 20, 1096-1103.	14.8	59
18	ICA512 signaling enhances pancreatic β -cell proliferation by regulating cyclins D through STATs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 674-679.	7.1	53

#	ARTICLE	IF	CITATIONS
19	Hepatic protein tyrosine phosphatase receptor gamma links obesity-induced inflammation to insulin resistance. <i>Nature Communications</i> , 2017, 8, 1820.	12.8	40
20	Bone Regulates Browning and Energy Metabolism Through Mature Osteoblast/Osteocyte PPAR δ Expression. <i>Diabetes</i> , 2017, 66, 2541-2554.	0.6	36
21	Comprehensive mouse microbiota genome catalog reveals major difference to its human counterpart. <i>PLoS Computational Biology</i> , 2022, 18, e1009947.	3.2	36
22	Regulation of Insulin Granule Turnover in Pancreatic β -Cells by Cleaved ICA512. <i>Journal of Biological Chemistry</i> , 2008, 283, 33719-33729.	3.4	32
23	Dietary excess regulates absorption and surface of gut epithelium through intestinal PPAR α . <i>Nature Communications</i> , 2021, 12, 7031.	12.8	32
24	Microbial signals to the brain control weight. <i>Nature</i> , 2016, 534, 185-187.	27.8	21
25	Cold exposure protects from neuroinflammation through immunologic reprogramming. <i>Cell Metabolism</i> , 2021, 33, 2231-2246.e8.	16.2	21
26	Host-Microbiota Mutualism in Metabolic Diseases. <i>Frontiers in Endocrinology</i> , 2017, 8, 267.	3.5	20
27	AMPK Profiling in Rodent and Human Pancreatic Beta-Cells under Nutrient-Rich Metabolic Stress. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3982.	4.1	18
28	Common traits between the beige fat-inducing stimuli. <i>Current Opinion in Cell Biology</i> , 2018, 55, 67-73.	5.4	16
29	Primary mouse osteoblast and osteoclast culturing and analysis. <i>STAR Protocols</i> , 2021, 2, 100452.	1.2	14
30	Intestinal microbiota as a route for micronutrient bioavailability. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2021, 20, 100285.	1.4	14
31	Bacteriophage Prevents Alcoholic Liver Disease. <i>Cell</i> , 2020, 180, 218-220.	28.9	12
32	Comparative multi-tissue profiling reveals extensive tissue-specificity in transcriptome reprogramming during thermal adaptation. <i>ELife</i> , 2022, 11, .	6.0	8
33	Genes of Type 2 Diabetes in β Cells. <i>Endocrinology and Metabolism Clinics of North America</i> , 2006, 35, 357-369.	3.2	6
34	Metataxonomic and Metabolic Impact of Fecal Microbiota Transplantation From Patients With Pancreatic Cancer Into Germ-Free Mice: A Pilot Study. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 752889.	3.9	6
35	Microbiota guides insulin trafficking in beta cells. <i>Cell Research</i> , 2019, 29, 603-604.	12.0	3