Mirko Trajkovski

List of Publications by Year
in descending order

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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	Comprehensive mouse microbiota genome catalog reveals major difference to its human counterpart. PLoS Computational Biology, 2022, 18, e1009947.	3.2	36
2	Critical Assessment of Metagenome Interpretation: the second round of challenges. Nature Methods, 2022, 19, 429-440.	19.0	133
3	Comparative multi-tissue profiling reveals extensive tissue-specificity in transcriptome reprogramming during thermal adaptation. ELife, 2022, 11, .	6.0	8
4	Primary mouse osteoblast and osteoclast culturing and analysis. STAR Protocols, 2021, 2, 100452.	1.2	14
5	Intestinal microbiota as a route for micronutrient bioavailability. Current Opinion in Endocrine and Metabolic Research, 2021, 20, 100285.	1.4	14
6	Metataxonomic and Metabolic Impact of Fecal Microbiota Transplantation From Patients With Pancreatic Cancer Into Germ-Free Mice: A Pilot Study. Frontiers in Cellular and Infection Microbiology, 2021, 11, 752889.	3.9	6
7	Cold exposure protects from neuroinflammation through immunologic reprogramming. Cell Metabolism, 2021, 33, 2231-2246.e8.	16.2	21
8	Dietary excess regulates absorption and surface of gut epithelium through intestinal PPARÎ±. Nature Communications, 2021, 12, 7031.	12.8	32
9	Warmth Prevents Bone Loss Through the Gut Microbiota. Cell Metabolism, 2020, 32, 575-590.e7.	16.2	88
10	ATLAS: a Snakemake workflow for assembly, annotation, and genomic binning of metagenome sequence data. BMC Bioinformatics, 2020, 21, 257.	2.6	91
11	AMPK Profiling in Rodent and Human Pancreatic Beta-Cells under Nutrient-Rich Metabolic Stress. International Journal of Molecular Sciences, 2020, 21, 3982.	4.1	18
12	Bacteriophage Prevents Alcoholic Liver Disease. Cell, 2020, 180, 218-220.	28.9	12
13	MicrobiotaÂguides insulin traffickingÂin beta cells. Cell Research, 2019, 29, 603-604.	12.0	3
14	Functional Gut Microbiota Remodeling Contributes to the Caloric Restriction-Induced Metabolic Improvements. Cell Metabolism, 2018, 28, 907-921.e7.	16.2	170
15	Common traits between the beige fat-inducing stimuli. Current Opinion in Cell Biology, 2018, 55, 67-73.	5.4	16
16	Regulation of body weight and energy homeostasis by neuronal cell adhesion molecule 1. Nature Neuroscience, 2017, 20, 1096-1103.	14.8	59
17	Hepatic protein tyrosine phosphatase receptor gamma links obesity-induced inflammation to insulin resistance. Nature Communications, 2017, 8, 1820.	12.8	40
18	Bone Regulates Browning and Energy Metabolism Through Mature Osteoblast/Osteocyte PPARÎ³ Expression. Diabetes, 2017, 66, 2541-2554.	0.6	36

#	Article	IF	Citations
19	Hostâ€“Microbiota Mutualism in Metabolic Diseases. Frontiers in Endocrinology, 2017, 8, 267.	3.5	20
20	The Immune System Bridges the Gut Microbiota with Systemic Energy Homeostasis: Focus on TLRs, Mucosal Barrier, and SCFAs. Frontiers in Immunology, 2017, 8, 1353.	4.8	134
21	Caloric Restriction Leads to Browning of White Adipose Tissue through Type 2 Immune Signaling. Cell Metabolism, 2016, 24, 434-446.	16.2	221
22	Microbial signals to the brain control weight. Nature, 2016, 534, 185-187.	27.8	21
23	Gut Microbiota Orchestrates Energy Homeostasis during Cold. Cell, 2015, 163, 1360-1374.	28.9	581
24	Microbiota depletion promotes browning of white adipose tissue and reduces obesity. Nature Medicine, 2015, 21, 1497-1501.	30.7	324
25	MiR-27 orchestrates the transcriptional regulation of brown adipogenesis. Metabolism: Clinical and Experimental, 2014, 63, 272-282.	3.4	133
26	MicroRNAs Are Required for the Feature Maintenance and Differentiation of Brown Adipocytes. Diabetes, 2014, 63, 4045-4056.	0.6	87
27	MicroRNA networks regulate development of brown adipocytes. Trends in Endocrinology and Metabolism, 2013, 24, 442-450.	7.1	61
28	MyomiR-133 regulates brown fat differentiation through Prdm16. Nature Cell Biology, 2012, 14, 1330-1335.	10.3	224
29	MicroRNAs 103 and 107 regulate insulin sensitivity. Nature, 2011, 474, 649-653.	27.8	902
30	miR-375 maintains normal pancreatic Î±- and Î²-cell mass. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5813-5818.	7.1	710
31	ICA512 signaling enhances pancreatic Î²-cell proliferation by regulating cyclins D through STATs. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 674-679.	7.1	53
32	Regulation of Insulin Granule Turnover in Pancreatic Î²-Cells by Cleaved ICA512. Journal of Biological Chemistry, 2008, 283, 33719-33729.	3.4	32
33	Genes of Type 2 Diabetes in Î² Cells. Endocrinology and Metabolism Clinics of North America, 2006, 35, 357-369.	3.2	6
34	Synergy of glucose and growth hormone signalling in islet cells through ICA512 and STAT5. Nature Cell Biology, 2006, 8, 435-445.	10.3	74
35	Nuclear translocation of an ICA512 cytosolic fragment couples granule exocytosis and insulin expression in Î²-cells. Journal of Cell Biology, 2004, 167, 1063-1074.	5.2	70