

Jenna Todero

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,316
citations

279798

23
h-index

233421

45
g-index

58
all docs

58
docs citations

58
times ranked

4432
citing authors

#	ARTICLE	IF	CITATIONS
1	Human microRNA-155 on Chromosome 21 Differentially Interacts with Its Polymorphic Target in the AGTR1 3' UTR Untranslated Region: A Mechanism for Functional Single-Nucleotide Polymorphisms Related to Phenotypes. <i>American Journal of Human Genetics</i> , 2007, 81, 405-413.	6.2	335
2	MicroRNA-223 coordinates cholesterol homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14518-14523.	7.1	216
3	Small tRNA-derived RNAs are increased and more abundant than microRNAs in chronic hepatitis B and C. <i>Scientific Reports</i> , 2015, 5, 7675.	3.3	122
4	Addressing Bias in Small RNA Library Preparation for Sequencing: A New Protocol Recovers MicroRNAs that Evade Capture by Current Methods. <i>Frontiers in Genetics</i> , 2015, 6, 352.	2.3	106
5	MicroRNA-29 Fine-tunes the Expression of Key FOXA2-Activated Lipid Metabolism Genes and Is Dysregulated in Animal Models of Insulin Resistance and Diabetes. <i>Diabetes</i> , 2014, 63, 3141-3148.	0.6	105
6	The long noncoding RNA CHROME regulates cholesterol homeostasis in primates. <i>Nature Metabolism</i> , 2019, 1, 98-110.	11.9	104
7	Beta Cell 5' Shifted isomiRs Are Candidate Regulatory Hubs in Type 2 Diabetes. <i>PLoS ONE</i> , 2013, 8, e73240.	2.5	85
8	Adropin: An endocrine link between the biological clock and cholesterol homeostasis. <i>Molecular Metabolism</i> , 2018, 8, 51-64.	6.5	69
9	Multiomic Profiling Identifies cis-Regulatory Networks Underlying Human Pancreatic β Cell Identity and Function. <i>Cell Reports</i> , 2019, 26, 788-801.e6.	6.4	68
10	Inhibition of miR-29 has a significant lipid-lowering benefit through suppression of lipogenic programs in liver. <i>Scientific Reports</i> , 2015, 5, 12911.	3.3	66
11	Redefining the IBDs using genome-scale molecular phenotyping. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2019, 16, 296-311.	17.8	62
12	Bioinformatic analysis of endogenous and exogenous small RNAs on lipoproteins. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1506198.	12.2	60
13	Identification of an Anti-diabetic, Orally Available Small Molecule that Regulates TXNIP Expression and Glucagon Action. <i>Cell Metabolism</i> , 2020, 32, 353-365.e8.	16.2	56
14	The Promise and Challenge of Therapeutic MicroRNA Silencing in Diabetes and Metabolic Diseases. <i>Current Diabetes Reports</i> , 2016, 16, 52.	4.2	52
15	Gut Microbial Influences on the Mammalian Intestinal Stem Cell Niche. <i>Stem Cells International</i> , 2017, 2017, 1-17.	2.5	51
16	Multiple Hepatic Regulatory Variants at the GALNT2 GWAS Locus Associated with High-Density Lipoprotein Cholesterol. <i>American Journal of Human Genetics</i> , 2015, 97, 801-815.	6.2	49
17	An integrative transcriptomics approach identifies miR-503 as a candidate master regulator of the estrogen response in MCF-7 breast cancer cells. <i>Rna</i> , 2016, 22, 1592-1603.	3.5	42
18	Transcriptomic Analysis of Chronic Hepatitis B and C and Liver Cancer Reveals MicroRNA-Mediated Control of Cholesterol Synthesis Programs. <i>MBio</i> , 2015, 6, e01500-15.	4.1	39

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19	MicroRNA-375 Suppresses the Growth and Invasion of Fibrolamellar Carcinoma. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 803-817.	4.5	34
20	Hepatocyte ABCA1 Deletion Impairs Liver Insulin Signaling and Lipogenesis. <i>Cell Reports</i> , 2017, 19, 2116-2129.	6.4	32
21	Arsenic Exposure and Type 2 Diabetes: MicroRNAs as Mechanistic Links?. <i>Current Diabetes Reports</i> , 2017, 17, 18.	4.2	30
22	Hotspots of Aberrant Enhancer Activity in Fibrolamellar Carcinoma Reveal Candidate Oncogenic Pathways and Therapeutic Vulnerabilities. <i>Cell Reports</i> , 2020, 31, 107509.	6.4	28
23	Exploratory study reveals far reaching systemic and cellular effects of verapamil treatment in subjects with type 1 diabetes. <i>Nature Communications</i> , 2022, 13, 1159.	12.8	28
24	Prospective Associations of Coronary Heart Disease Loci in African Americans Using the MetaboChip: The PAGE Study. <i>PLoS ONE</i> , 2014, 9, e113203.	2.5	27
25	Circulating miRNAs Associated with Arsenic Exposure. <i>Environmental Science & Technology</i> , 2018, 52, 14487-14495.	10.0	25
26	Genome-Wide Analysis of Natural Selection on Human Cis-Elements. <i>PLoS ONE</i> , 2008, 3, e3137.	2.5	24
27	A Thalamic Orphan Receptor Drives Variability in Short-Term Memory. <i>Cell</i> , 2020, 183, 522-536.e19.	28.9	24
28	A framework for fibrolamellar carcinoma research and clinical trials. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2022, 19, 328-342.	17.8	23
29	Environmental contaminants and microRNA regulation: Transcription factors as regulators of toxicant-altered microRNA expression. <i>Toxicology and Applied Pharmacology</i> , 2016, 312, 61-66.	2.8	21
30	Arsenic is more potent than cadmium or manganese in disrupting the INS-1 beta cell microRNA landscape. <i>Archives of Toxicology</i> , 2019, 93, 3099-3109.	4.2	20
31	microRNA-146a-5p association with the cardiometabolic disease risk factor TMAO. <i>Physiological Genomics</i> , 2019, 51, 59-71.	2.3	20
32	Colonic epithelial miR-31 associates with the development of Crohn's phenotypes. <i>JCI Insight</i> , 2018, 3, .	5.0	20
33	Fructose-induced hypertriglyceridemia in rhesus macaques is attenuated with fish oil or ApoC3 RNA interference. <i>Journal of Lipid Research</i> , 2019, 60, 805-818.	4.2	19
34	miRquant 2.0: an Expanded Tool for Accurate Annotation and Quantification of MicroRNAs and their isomiRs from Small RNA-Sequencing Data. <i>Journal of Integrative Bioinformatics</i> , 2016, 13, .	1.5	18
35	Predicted effects of observed changes in the mRNA and microRNA transcriptome of lung neutrophils during <i>S. pneumoniae</i> pneumonia in mice. <i>Scientific Reports</i> , 2017, 7, 11258.	3.3	17
36	A Tutorial of the Poisson Random Field Model in Population Genetics. <i>Advances in Bioinformatics</i> , 2008, 2008, 1-9.	5.7	15

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37	A survey of microRNA single nucleotide polymorphisms identifies novel breast cancer susceptibility loci in a case-control, population-based study of African-American women. <i>Breast Cancer Research</i> , 2018, 20, 45.	5.0	15
38	TGR5 Protects Against Colitis in Mice, but Vertical Sleeve Gastrectomy Increases Colitis Severity. <i>Obesity Surgery</i> , 2019, 29, 1593-1601.	2.1	15
39	Chromatin regulatory dynamics of early human small intestinal development using a directed differentiation model. <i>Nucleic Acids Research</i> , 2021, 49, 726-744.	14.5	14
40	Increased colonic expression of ACE2 associates with poor prognosis in Crohn's disease. <i>Scientific Reports</i> , 2021, 11, 13533.	3.3	14
41	Ozone-induced changes in the murine lung extracellular vesicle small RNA landscape. <i>Physiological Reports</i> , 2021, 9, e15054.	1.7	14
42	Isoform specific gene auto-regulation via miRNAs: a case study on miR-128b and ARPP-21. <i>Theoretical Chemistry Accounts</i> , 2010, 125, 593-598.	1.4	13
43	Systems genetics identifies a co-regulated module of liver microRNAs associated with plasma LDL cholesterol in murine diet-induced dyslipidemia. <i>Physiological Genomics</i> , 2017, 49, 618-629.	2.3	13
44	Decreased Colonic Activin Receptor-Like Kinase 1 Disrupts Epithelial Barrier Integrity in Patients With Crohn's Disease. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 10, 779-796.	4.5	12
45	Single-Cell Analysis Reveals Unexpected Cellular Changes and Transposon Expression Signatures in the Colonic Epithelium of Treatment-Naïve Adult Crohn's Disease Patients. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 1717-1740.	4.5	12
46	Enteroendocrine Progenitor Cell-Enriched miR-7 Regulates Intestinal Epithelial Proliferation in an Xiap-Dependent Manner. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 9, 447-464.	4.5	11
47	Needles in the genetic haystack of lipid disorders: single nucleotide polymorphisms in the microRNA regulome. <i>Journal of Lipid Research</i> , 2013, 54, 1168-1173.	4.2	8
48	Illuminating microRNA Transcription from the Epigenome. <i>Current Genomics</i> , 2013, 14, 68-77.	1.6	7
49	Differential Impact of Glucose Administered Intravenously and Orally on Circulating miR-375 Levels in Human Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 3749-3755.	3.6	7
50	Diet-dependent sex differences in the response to vertical sleeve gastrectomy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 321, E11-E23.	3.5	7
51	Multiomic analysis defines the first microRNA atlas across all small intestinal epithelial lineages and reveals novel markers of almost all major cell types. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, G668-G681.	3.4	7
52	Genetic Architecture Modulates Diet-Induced Hepatic mRNA and miRNA Expression Profiles in Diversity Outbred Mice. <i>Genetics</i> , 2020, 216, 241-259.	2.9	6
53	DNAJB1-PRKACA in HEK293T cells induces LINC00473 overexpression that depends on PKA signaling. <i>PLoS ONE</i> , 2022, 17, e0263829.	2.5	6
54	Candidate master microRNA regulator of arsenic-induced pancreatic beta cell impairment revealed by multi-omics analysis. <i>Archives of Toxicology</i> , 2022, 96, 1685-1699.	4.2	6

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55	Important Considerations for Studies of Circulating MicroRNAs in Clinical Samples. EBioMedicine, 2017, 24, 22-23.	6.1	5
56	MicroRNAs in the Mammalian Gut Endocrine Lineage. Endocrinology, 2018, 159, 866-868.	2.8	5
57	Genetic architecture modulates diet-induced hepatic mRNA and miRNA expression profiles in Diversity Outbred mice. Genetics, 2021, 218, .	2.9	4
58	Chemical, Molecular, and Single-nucleus Analysis Reveal Chondroitin Sulfate Proteoglycan Aberrancy in Fibrolamellar Carcinoma. Cancer Research Communications, 2022, 2, 663-678.	1.7	3