

# Mailing Gan

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

655  
citations

623734

14  
h-index

610901

24  
g-index

32  
all docs

32  
docs citations

32  
times ranked

744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Betaine Supplementation Enhances Lipid Metabolism and Improves Insulin Resistance in Mice Fed a High-Fat Diet. <i>Nutrients</i> , 2018, 10, 131.	4.1	77
2	Dietary betaine prevents obesity through gut microbiota-driven microRNA-378a family. <i>Gut Microbes</i> , 2021, 13, 1-19.	9.8	58
3	MicroRNA-125a-5p Affects Adipocytes Proliferation, Differentiation and Fatty Acid Composition of Porcine Intramuscular Fat. <i>International Journal of Molecular Sciences</i> , 2018, 19, 501.	4.1	54
4	High Altitude Adaptability and Meat Quality in Tibetan Pigs: A Reference for Local Pork Processing and Genetic Improvement. <i>Animals</i> , 2019, 9, 1080.	2.3	49
5	Genistein inhibits high fat diet-induced obesity through miR-222 by targeting BTG2 and adipor1. <i>Food and Function</i> , 2020, 11, 2418-2426.	4.6	38
6	A Novel Class of tRNA-Derived Small Non-Coding RNAs Respond to Myocardial Hypertrophy and Contribute to Intergenerational Inheritance. <i>Biomolecules</i> , 2018, 8, 54.	4.0	37
7	MicroRNA-200b regulates preadipocyte proliferation and differentiation by targeting KLF4. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1538-1544.	5.6	36
8	tRNA-Derived Small Non-Coding RNAs as Novel Epigenetic Molecules Regulating Adipogenesis. <i>Biomolecules</i> , 2019, 9, 274.	4.0	34
9	Genistein reverses isoproterenol-induced cardiac hypertrophy by regulating miR-451/TIMP2. <i>Biomedicine and Pharmacotherapy</i> , 2019, 112, 108618.	5.6	30
10	miR-10b-5p regulates 3T3-L1 cells differentiation by targeting Apol6. <i>Gene</i> , 2019, 687, 39-46.	2.2	25
11	Transcriptome Analyses Reveal Adult Metabolic Syndrome With Intrauterine Growth Restriction in Pig Models. <i>Frontiers in Genetics</i> , 2018, 9, 291.	2.3	23
12	miR-152 regulates the proliferation and differentiation of C2C12 myoblasts by targeting E2F3. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2018, 54, 304-310.	1.5	21
13	Comprehensive Analysis of lncRNAs and circRNAs Reveals the Metabolic Specialization in Oxidative and Glycolytic Skeletal Muscles. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2855.	4.1	20
14	Mir-152 Regulates 3T3-L1 Preadipocyte Proliferation and Differentiation. <i>Molecules</i> , 2019, 24, 3379.	3.8	17
15	MicroRNA-451 and Genistein Ameliorate Nonalcoholic Steatohepatitis in Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6084.	4.1	15
16	miR-152 targets pyruvate kinase to regulate the glycolytic activity of pig skeletal muscles and affects pork quality. <i>Meat Science</i> , 2022, 185, 108707.	5.5	14
17	miR-222 is involved in the regulation of genistein on skeletal muscle fiber type. <i>Journal of Nutritional Biochemistry</i> , 2020, 80, 108320.	4.2	12
18	Meat Quality, Amino Acid, and Fatty Acid Composition of Liangshan Pigs at Different Weights. <i>Animals</i> , 2020, 10, 822.	2.3	11

#	ARTICLE	IF	CITATIONS
19	Bidirectional regulation of genistein on the proliferation and differentiation of C2C12 myoblasts. <i>Xenobiotica</i> , 2020, 50, 1352-1358.	1.1	10
20	Downregulated miR-204 Promotes Skeletal Muscle Regeneration. <i>BioMed Research International</i> , 2020, 2020, 1-9.	1.9	10
21	Single nucleotide polymorphism-based analysis of the genetic structure of Liangshan pig population. <i>Animal Bioscience</i> , 2021, 34, 1105-1115.	2.0	9
22	ssc-miR-451 Regulates Porcine Primary Adipocyte Differentiation by Targeting ACACA. <i>Animals</i> , 2020, 10, 1891.	2.3	7
23	The Expression of microRNA in Adult Rat Heart with Isoproterenol-Induced Cardiac Hypertrophy. <i>Cells</i> , 2020, 9, 1173.	4.1	7
24	Profiling and Functional Analysis of Long Noncoding RNAs and mRNAs during Porcine Skeletal Muscle Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 503.	4.1	7
25	Genistein Alleviates High-Fat Diet-Induced Obesity by Inhibiting the Process of Gluconeogenesis in Mice. <i>Nutrients</i> , 2022, 14, 1551.	4.1	7
26	Gut Microbiota Composition and Diversity in Different Commercial Swine Breeds in Early and Finishing Growth Stages. <i>Animals</i> , 2022, 12, 1607.	2.3	6
27	Expression Characteristics of microRNA in Pig Umbilical Venous Blood and Umbilical Arterial Blood. <i>Animals</i> , 2021, 11, 1563.	2.3	5
28	miR-222 Is Involved in the Amelioration Effect of Genistein on Dexamethasone-Induced Skeletal Muscle Atrophy. <i>Nutrients</i> , 2022, 14, 1861.	4.1	5
29	Factors Associated with White Fat Browning: New Regulators of Lipid Metabolism. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7641.	4.1	5
30	The complete mitochondrial genome sequence of Changbai Mountains wild boar ( <i>Cetartiodactyla</i> ): Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50.8	0.8	3
31	Profiling of skeletal muscle tissue for long non-coding RNAs related to muscle metabolism in the QingYu pig at the growth inflection point. <i>Animal Bioscience</i> , 2021, 34, 1309-1320.	2.0	3