

Jinzeng Yang

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,332
citations

394421

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345221

36
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42
all docs

42
docs citations

42
times ranked

1711
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Expression of myostatin pro domain results in muscular transgenic mice. <i>Molecular Reproduction and Development</i> , 2001, 60, 351-361. | 2.0 | 165 |
| 2 | Transgenic expression of myostatin propeptide prevents diet-induced obesity and insulin resistance. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 248-255. | 2.1 | 161 |
| 3 | Targeted mutations in myostatin by zinc-finger nucleases result in double-muscléd phenotype in Meishan pigs. <i>Scientific Reports</i> , 2015, 5, 14435. | 3.3 | 146 |
| 4 | Morphological and biochemical changes in the muscle of the marine shrimp <i>Litopenaeus vannamei</i> during the molt cycle. <i>Aquaculture</i> , 2006, 261, 688-694. | 3.5 | 85 |
| 5 | Enhanced Skeletal Muscle for Effective Glucose Homeostasis. <i>Progress in Molecular Biology and Translational Science</i> , 2014, 121, 133-163. | 1.7 | 78 |
| 6 | Skeletal Muscle-Specific Overexpression of PGC-1 α Induces Fiber-Type Conversion through Enhanced Mitochondrial Respiration and Fatty Acid Oxidation in Mice and Pigs. <i>International Journal of Biological Sciences</i> , 2017, 13, 1152-1162. | 6.4 | 77 |
| 7 | Novel transgenic pigs with enhanced growth and reduced environmental impact. <i>ELife</i> , 2018, 7, . | 6.0 | 59 |
| 8 | Postnatal expression of myostatin propeptide cDNA maintained high muscle growth and normal adipose tissue mass in transgenic mice fed a high-fat diet. <i>Molecular Reproduction and Development</i> , 2006, 73, 462-469. | 2.0 | 36 |
| 9 | mTORC1 Mediates Lysine-Induced Satellite Cell Activation to Promote Skeletal Muscle Growth. <i>Cells</i> , 2019, 8, 1549. | 4.1 | 34 |
| 10 | Enhanced muscle by myostatin propeptide increases adipose tissue adiponectin, PPAR- α , and PPAR- β expressions. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 767-773. | 2.1 | 33 |
| 11 | Characterization of the Complete Mitochondrial Genome Sequences of Three Croakers (Perciformes). <i>Tj ETQq1 1 0.784314 rgBT /Over</i> 2018, 19, 1741. | 4.1 | 32 |
| 12 | Expression patterns of ubiquitin, heat shock protein 70, β -actin and α -actin over the molt cycle in the abdominal muscle of marine shrimp <i>Litopenaeus vannamei</i> . <i>Molecular Reproduction and Development</i> , 2007, 74, 554-559. | 2.0 | 31 |
| 13 | Identifications of Captive and Wild Tilapia Species Existing in Hawaii by Mitochondrial DNA Control Region Sequence. <i>PLoS ONE</i> , 2012, 7, e51731. | 2.5 | 30 |
| 14 | Administration of a mutated myostatin propeptide to neonatal mice significantly enhances skeletal muscle growth. <i>Molecular Reproduction and Development</i> , 2010, 77, 76-82. | 2.0 | 29 |
| 15 | Transgenic overexpression of growth differentiation factor 11 propeptide in skeleton results in transformation of the seventh cervical vertebra into a thoracic vertebra. <i>Molecular Reproduction and Development</i> , 2010, 77, 990-997. | 2.0 | 28 |
| 16 | Targeted overexpression of PPAR- β in skeletal muscle by random insertion and CRISPR/Cas9 transgenic pig cloning enhances oxidative fiber formation and intramuscular fat deposition. <i>FASEB Journal</i> , 2021, 35, e21308. | 0.5 | 27 |
| 17 | Roles of transcription factor SQUAMOSA promoter binding protein-like gene family in papaya (<i>Carica</i>). <i>Tj ETQq1 1 0.784314 rgBT /Over</i> | 2.9 | 24 |
| 18 | Assessment of myoblast circular RNA dynamics and its correlation with miRNA during myogenic differentiation. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 99, 211-218. | 2.8 | 22 |

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|----|---|-----|-----------|
| 19 | Transient transgene transmission to piglets by intrauterine insemination of spermatozoa incubated with DNA fragments. <i>Molecular Reproduction and Development</i> , 2008, 75, 26-32. | 2.0 | 21 |
| 20 | Decreased expression of calpain and calpastatin mRNA during development is highly correlated with muscle protein accumulation in neonatal pigs. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 152, 498-503. | 1.8 | 19 |
| 21 | The formation of brown adipose tissue induced by transgenic over-expression of PPAR α 2. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 959-964. | 2.1 | 18 |
| 22 | Coordinated patterns of gene expressions for adult muscle build-up in transgenic mice expressing myostatin propeptide. <i>BMC Genomics</i> , 2009, 10, 305. | 2.8 | 16 |
| 23 | Differential Transcriptome Analysis of Early Postnatal Developing <i>Longissimus Dorsi</i> Muscle from Two Pig Breeds Characterized in Divergent Myofiber Traits and Fatness. <i>Animal Biotechnology</i> , 2019, 30, 63-74. | 1.5 | 16 |
| 24 | RNA Sequencing Identifies Upregulated Kyphoscoliosis Peptidase and Phosphatidic Acid Signaling Pathways in Muscle Hypertrophy Generated by Transgenic Expression of Myostatin Propeptide. <i>International Journal of Molecular Sciences</i> , 2015, 16, 7976-7994. | 4.1 | 15 |
| 25 | Transgenic overexpression of bone morphogenetic protein 11 propeptide in skeleton enhances bone formation. <i>Biochemical and Biophysical Research Communications</i> , 2011, 416, 289-292. | 2.1 | 14 |
| 26 | Comparative Characterization of the Complete Mitochondrial Genomes of the Three Apple Snails (Gastropoda: Ampullariidae) and the Phylogenetic Analyses. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3646. | 4.1 | 14 |
| 27 | Characterization of the whole transcriptome of spleens from Chinese indigenous breed Ningxiang pig reveals diverse coding and non-coding RNAs for immunity regulation. <i>Genomics</i> , 2021, 113, 2468-2482. | 2.9 | 14 |
| 28 | miRNA Transcriptome of Hypertrophic Skeletal Muscle with Overexpressed Myostatin Propeptide. <i>BioMed Research International</i> , 2014, 2014, 1-19. | 1.9 | 12 |
| 29 | Rapamycin suppresses postnatal muscle hypertrophy induced by myostatin-inhibition accompanied by transcriptional suppression of the Akt/mTOR pathway. <i>Biochemistry and Biophysics Reports</i> , 2019, 17, 182-190. | 1.3 | 12 |
| 30 | Identifications of immune-responsive genes for adaptative traits by comparative transcriptome analysis of spleen tissue from Kazakh and Suffolk sheep. <i>Scientific Reports</i> , 2021, 11, 3157. | 3.3 | 9 |
| 31 | Spatiotemporal Regulation and Functional Analysis of Circular RNAs in Skeletal Muscle and Subcutaneous Fat during Pig Growth. <i>Biology</i> , 2021, 10, 841. | 2.8 | 9 |
| 32 | MicroRNA-95 promotes myogenic differentiation by down-regulation of aminoacyl-tRNA synthase complex-interacting multifunctional protein 2. <i>Oncotarget</i> , 2017, 8, 111356-111368. | 1.8 | 9 |
| 33 | Identifications of SUMO-1 cDNA and Its Expression Patterns in Pacific White Shrimp <i>Litopenaeus vannamei</i> . <i>International Journal of Biological Sciences</i> , 2009, 5, 205-214. | 6.4 | 9 |
| 34 | Muscle-specific transgenic expression of porcine myostatin propeptide enhances muscle growth in mice. <i>Transgenic Research</i> , 2013, 22, 1011-1019. | 2.4 | 5 |
| 35 | Functional verification of a porcine myostatin propeptide mutant. <i>Transgenic Research</i> , 2015, 24, 837-845. | 2.4 | 5 |
| 36 | Enhanced skeletal muscle growth in myostatin-deficient transgenic pigs had improved glucose uptake in streptozotocin-induced diabetes. <i>Transgenic Research</i> , 2020, 29, 253-261. | 2.4 | 5 |

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|----|--|-----|-----------|
| 37 | Molecular Characterizations of a Novel Putative DNA-Binding Protein LvDBP23 in Marine Shrimp <i>L. vannamei</i> Tissues and Molting Stages. <i>PLoS ONE</i> , 2011, 6, e19959. | 2.5 | 5 |
| 38 | Bacteria-induced expression of the pig-derived protegrin-1 transgene specifically in the respiratory tract of mice enhances resistance to airway bacterial infection. <i>Scientific Reports</i> , 2020, 10, 16020. | 3.3 | 3 |
| 39 | Integrated Analysis of Liver Transcriptome, miRNA, and Proteome of Chinese Indigenous Breed Ningxiang Pig in Three Developmental Stages Uncovers Significant miRNA-mRNA-Protein Networks in Lipid Metabolism. <i>Frontiers in Genetics</i> , 2021, 12, 709521. | 2.3 | 3 |
| 40 | Identifications of expressed sequence tags from Pacific threadfin (<i>Polydactylus sexfilis</i>) skeletal muscle cDNA library. <i>Aquaculture Research</i> , 2010, 41, 572-578. | 1.8 | 1 |
| 41 | Enhanced Muscle Fibers of <i>Epinephelus coioides</i> by Myostatin Autologous Nucleic Acid Vaccine. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6997. | 4.1 | 1 |