Feng Yue

List of Publications by Year
in descending order

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66 papers	2,529 citations	159585 30 h-index	206112 48 g-index
70 all docs	70 docs citations	70 times ranked	3245 citing authors

#	Article	IF	Citations
1	Inhibition of Notch signaling promotes browning of white adipose tissue and ameliorates obesity. Nature Medicine, 2014, 20, 911-918.	30.7	217
2	Temporal Dynamics and Heterogeneity of Cell Populations during Skeletal Muscle Regeneration. IScience, 2020, 23, 100993.	4.1	151
3	The specifically enhanced cellular immune responses in Pacific oyster (Crassostrea gigas) against secondary challenge with Vibrio splendidus. Developmental and Comparative Immunology, 2014, 45, 141-150.	2.3	120
4	Immune responses and expression of immune-related genes in swimming crab Portunus trituberculatus exposed to elevated ambient ammonia-N stress. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2010, 157, 246-251.	1.8	116
5	Identification and characterisation of pathogenic Vibrio splendidus from Yesso scallop (Patinopecten) Tj ETQq1 1 0.784314 rgBT /Ove 144-150.	3.2	95
6	Pten is necessary for the quiescence and maintenance of adult muscle stem cells. Nature Communications, 2017, 8, 14328.	12.8	86
7	Stage-specific effects of Notch activation during skeletal myogenesis. ELife, 2016, 5, .	6.0	79
8	Lkb1 controls brown adipose tissue growth and thermogenesis by regulating the intracellular localization of CRTC3. Nature Communications, 2016, 7, 12205.	12.8	73
9	Notch activation drives adipocyte dedifferentiation and tumorigenic transformation in mice. Journal of Experimental Medicine, 2016, 213, 2019-2037.	8.5	72
10	Conditional Loss of Pten in Myogenic Progenitors Leads to Postnatal Skeletal Muscle Hypertrophy but Age-Dependent Exhaustion of Satellite Cells. Cell Reports, 2016, 17, 2340-2353.	6.4	67
11	Muscle Histology Characterization Using H&E Staining and Muscle Fiber Type Classification Using Immunofluorescence Staining. Bio-protocol, 2017, 7, .	0.4	67
12	Maternal transfer of immunity in scallop Chlamys farreri and its trans-generational immune protection to offspring against bacterial challenge. Developmental and Comparative Immunology, 2013, 41, 569-577.	2.3	59
13	Impaired exercise tolerance, mitochondrial biogenesis, and muscle fiber maintenance in miRâ€133aâ€“deficient mice. FASEB Journal, 2016, 30, 3745-3758.	0.5	59
14	Lkb1 Is Indispensable for Skeletal Muscle Development, Regeneration, and Satellite Cell Homeostasis. Stem Cells, 2014, 32, 2893-2907.	3.2	57
15	Loss of MyoD Promotes Fate Transdifferentiation of Myoblasts Into Brown Adipocytes. EBioMedicine, 2017, 16, 212-223.	6.1	57
16	A novel brown adipocyte-enriched long non-coding RNA that is required for brown adipocyte differentiation and sufficient to drive thermogenic gene program in white adipocytes. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 409-419.	2.4	56
17	The broad pattern recognition spectrum of the Toll-like receptor in mollusk Zhikong scallop Chlamys farreri. Developmental and Comparative Immunology, 2015, 52, 192-201.	2.3	54
18	A Scallop Nitric Oxide Synthase (NOS) with Structure Similar to Neuronal NOS and Its Involvement in the Immune Defense. PLoS ONE, 2013, 8, e69158.	2.5	49

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19	Molecular cloning, characterization and mRNA expression of two antibacterial peptides: Crustin and anti-lipopolysaccharide factor in swimming crab Portunus trituberculatus. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2010, 156, 77-85.	1.6	47
20	The response of mRNA expression upon secondary challenge with Vibrio anguillarum suggests the involvement of C-lectins in the immune priming of scallop Chlamys farreri. Developmental and Comparative Immunology, 2013, 40, 142-147.	2.3	46
21	Maternal immune transfer in mollusc. Developmental and Comparative Immunology, 2015, 48, 354-359.	2.3	46
22	Dibenzazepine-Loaded Nanoparticles Induce Local Browning of White Adipose Tissue to Counteract Obesity. Molecular Therapy, 2017, 25, 1718-1729.	8.2	46
23	The phenoloxidase activity and antibacterial function of a tyrosinase from scallop Chlamys farreri. Fish and Shellfish Immunology, 2012, 33, 375-381.	3.6	45
24	The expression of dopa decarboxylase and dopamine beta hydroxylase and their responding to bacterial challenge during the ontogenesis of scallop Chlamys farreri. Fish and Shellfish Immunology, 2012, 33, 67-74.	3.6	39
25	Molecular cloning and characterization of a novel c-type lysozyme gene in swimming crab Portunus trituberculatus. Fish and Shellfish Immunology, 2010, 29, 286-292.	3.6	37
26	The immunomodulation of inducible nitric oxide in scallop Chlamys farreri. Fish and Shellfish Immunology, 2013, 34, 100-108.	3.6	35
27	The expression of immune-related genes during the ontogenesis of scallop Chlamys farreri and their response to bacterial challenge. Fish and Shellfish Immunology, 2013, 34, 855-864.	3.6	32
28	Identification and characterization of a serine protease inhibitor Esserpin from the Chinese mitten crab Eriocheir sinensis. Fish and Shellfish Immunology, 2013, 34, 1576-1586.	3.6	32
29	The protein expression profile in hepatopancreas of scallop Chlamys farreri under heat stress and Vibrio anguillarum challenge. Fish and Shellfish Immunology, 2014, 36, 252-260.	3.6	31
30	Modulation of haemocyte phagocytic and antibacterial activity by alpha-adrenergic receptor in scallop Chlamys farreri. Fish and Shellfish Immunology, 2013, 35, 825-832.	3.6	30
31	Transcriptional activation and translocation of ancient NOS during immune response. FASEB Journal, 2016, 30, 3527-3540.	0.5	30
32	Hemocytic immune responses triggered by CpG ODNs in shrimp Litopenaeus vannamei. Fish and Shellfish Immunology, 2013, 34, 38-45.	3.6	29
33	The immune responses triggered by CpG ODNs in shrimp Litopenaeus vannamei are associated with LvTolls. Developmental and Comparative Immunology, 2014, 43, 15-22.	2.3	28
34	Advanced Glycation End-Products Suppress Mitochondrial Function and Proliferative Capacity of Achilles Tendon-Derived Fibroblasts. Scientific Reports, 2019, 9, 12614.	3.3	28
35	Ascl2 inhibits myogenesis by antagonizing the transcriptional activity of myogenic regulatory factors. Development (Cambridge), 2017, 144, 235-247.	2.5	27
36	The Immunomodulation of Acetylcholinesterase in Zhikong Scallop Chlamys farreri. PLoS ONE, 2012, 7, e30828.	2.5	24

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37	Lipid droplet dynamics regulate adult muscle stem cell fate. Cell Reports, 2022, 38, 110267.	6.4	23
38	Methyltransferase-like 21c methylates and stabilizes the heat shock protein Hspa8 in type I myofibers in mice. Journal of Biological Chemistry, 2019, 294, 13718-13728.	3.4	22
39	Protein Arginine Methyltransferase PRMT5 Regulates Fatty Acid Metabolism and Lipid Droplet Biogenesis in White Adipose Tissues. Advanced Science, 2020, 7, 2002602.	11.2	22
40	The CpG ODNs enriched diets enhance the immuno-protection efficiency and growth rate of Chinese mitten crab, Eriocheir sinensis. Fish and Shellfish Immunology, 2013, 35, 154-160.	3.6	21
41	A conserved zinc finger transcription factor GATA involving in the hemocyte production of scallop Chlamys farreri. Fish and Shellfish Immunology, 2014, 39, 125-135.	3.6	21
42	The modulation of catecholamines on immune response of scallop Chlamys farreri under heat stress. General and Comparative Endocrinology, 2014, 195, 116-124.	1.8	19
43	Biodegradable Polymeric Microsphere-Based Drug Delivery for Inductive Browning of Fat. Frontiers in Endocrinology, 2015, 6, 169.	3.5	18
44	Two novel LRR-only proteins in Chlamys farreri: Similar in structure, yet different in expression profile and pattern recognition. Developmental and Comparative Immunology, 2016, 59, 99-109.	2.3	18
45	Molecular cloning and transcriptional regulation of an allograft inflammatory factor-1 (AIF-1) in Zhikong scallop Chlamys farreri. Gene, 2013, 530, 178-184.	2.2	16
46	The polymorphism in the promoter region of metallothionein 1 is associated with heat tolerance of scallop Argopecten irradians. Gene, 2013, 526, 429-436.	2.2	15
47	The roles of serine protease, intracellular and extracellular phenoloxidase in activation of prophenoloxidase system, and characterization of phenoloxidase from shrimp haemocytes induced by lipopolysaccharide or dopamine. Chinese Journal of Oceanology and Limnology, 2013, 31, 1018-1027.	0.7	15
48	Polymeric nanoparticles functionalized with muscle-homing peptides for targeted delivery of phosphatase and tensin homolog inhibitor to skeletal muscle. Acta Biomaterialia, 2020, 118, 196-206.	8.3	15
49	Reduced electron transport chain complex I protein abundance and function in Mfn2â€deficient myogenic progenitors lead to oxidative stress and mitochondria swelling. FASEB Journal, 2021, 35, e21426.	0.5	15
50	The essential roles of core binding factors CfRunt and CfCBFÎ² in hemocyte production of scallop Chlamys farreri. Developmental and Comparative Immunology, 2014, 44, 291-302.	2.3	12
51	PTEN Inhibition Ameliorates Muscle Degeneration and Improves Muscle Function in a Mouse Model of Duchenne Muscular Dystrophy. Molecular Therapy, 2021, 29, 132-148.	8.2	12
52	A requirement of Polo-like kinase 1 in murine embryonic myogenesis and adult muscle regeneration. ELife, 2019, 8, .	6.0	12
53	The brain expressed x-linked gene 1 (Bex1) regulates myoblast fusion. Developmental Biology, 2016, 409, 16-25.	2.0	11
54	Peripheral Neuropathy and Hindlimb Paralysis in a Mouse Model of Adipocyte-Specific Knockout of Lkb1. EBioMedicine, 2017, 24, 127-136.	6.1	11

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55	Methyltransferaseâ€like 21e inhibits 26S proteasome activity to facilitate hypertrophy of type IIb myofibers. FASEB Journal, 2019, 33, 9672-9684.	0.5	9
56	LETMD1 is required for mitochondrial structure and thermogenic function of brown adipocytes. FASEB Journal, 2021, 35, e21965.	0.5	9
57	Expression of hematopoietic transcription factors Runt, CBFÎ² and GATA during ontogenesis of scallop Chlamys farreri. Developmental and Comparative Immunology, 2016, 61, 88-96.	2.3	8
58	Single-Cell Isolation from Regenerating Murine Muscles for RNA-Sequencing Analysis. STAR Protocols, 2020, 1, 100051.	1.2	8
59	The immunomodulation of a maternal translationally controlled tumor protein (TCTP) in Zhikong scallop Chlamys farreri. Fish and Shellfish Immunology, 2017, 60, 141-149.	3.6	6
60	ACSS3 in brown fat drives propionate catabolism and its deficiency leads to autophagy and systemic metabolic dysfunction. Clinical and Translational Medicine, 2022, 12, e665.	4.0	6
61	Arsenic removal from contaminated drinking water by electrocoagulation using hybrid Feâ€“Al electrodes: response surface methodology and mechanism study. Desalination and Water Treatment, 0, , 1-9.	1.0	5
62	Microarray, IPA and GSEA Analysis in Mice Models. Bio-protocol, 2018, 8, .	0.4	4
63	CgNrdp1, a conserved negative regulating factor of MyD88-dependent Toll like receptor signaling in oyster Crassostrea gigas. Fish and Shellfish Immunology, 2018, 74, 386-392.	3.6	3
64	Phosphatase orphan 1 inhibits myoblast proliferation and promotes myogenic differentiation. FASEB Journal, 2021, 35, e21154.	0.5	3
65	Biological properties of neural progenitor cells isolated from the hippocampus of adult cynomolgus monkeys. Chinese Medical Journal, 2006, 119, 110-6.	2.3	2
66	193 Single Cell RNA-sequencing Reveals a Role of Lipid Metabolism in Muscle Satellite Cells. Journal of Animal Science, 2021, 99, 104-105.	0.5	0