

Xin Zhao

List of Publications by Year in descending order

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174
papers

8,724
citations

41258

49
h-index

54797

84
g-index

176
all docs

176
docs citations

176
times ranked

10987
citing authors

#	ARTICLE	IF	CITATIONS
1	Petite miracles: insight into the nano-management of scarless wound healing. <i>Drug Discovery Today</i> , 2022, 27, 857-865.	3.2	6
2	A programmed surface on polyetheretherketone for sequentially dictating osteoimmunomodulation and bone regeneration to achieve ameliorative osseointegration under osteoporotic conditions. <i>Bioactive Materials</i> , 2022, 14, 364-376.	8.6	39
3	Structure-Element Surface Modification Strategy Enhances the Antibacterial Performance of Zr-BMGs. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 8793-8803.	4.0	11
4	Reversible dougong structured receptorâ€“ligand recognition for building dynamic extracellular matrix mimics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	24
5	Electrosprayed Regenerationâ€“Enhancerâ€“Element Microspheres Power Osteogenesis and Angiogenesis Coupling. <i>Small</i> , 2022, 18, e2200314.	5.2	14
6	The Outer Membrane Vesicles of Salmonella enterica Serovar Typhimurium Activate Chicken Immune Cells through Lipopolysaccharides and Membrane Proteins. <i>Pathogens</i> , 2022, 11, 339.	1.2	3
7	Dynamics of SARS-CoV-2 spreading under the influence of environmental factors and strategies to tackle the pandemic: A systematic review. <i>Sustainable Cities and Society</i> , 2022, 81, 103840.	5.1	20
8	A universal biocompatible coating for enhanced lubrication and bacterial inhibition. <i>Biomaterials Science</i> , 2022, 10, 3493-3502.	2.6	5
9	Proteomic Comparison of Ivermectin Sensitive and Resistant Staphylococcus aureus Clinical Isolates Reveals Key Efflux Pumps as Possible Resistance Determinants. <i>Antibiotics</i> , 2022, 11, 759.	1.5	2
10	Elastin-like polypeptide modified silk fibroin porous scaffold promotes osteochondral repair. <i>Bioactive Materials</i> , 2021, 6, 589-601.	8.6	68
11	Nitric oxide-generating compound and bio-clickable peptide mimic for synergistically tailoring surface anti-thrombogenic and anti-microbial dual-functions. <i>Bioactive Materials</i> , 2021, 6, 1618-1627.	8.6	26
12	Soft hydrogel promotes dorsal root ganglion by upregulating gene expression of Ntn4 and Unc5B. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 199, 111503.	2.5	7
13	Selective packaged circular RNAs in milk extracellular vesicles during <i>Staphylococcus aureus</i> infection may have potential against bacterial infection. <i>RNA Biology</i> , 2021, 18, 818-831.	1.5	12
14	Biomimetic cytomembrane nanovaccines prevent breast cancer development in the long term. <i>Nanoscale</i> , 2021, 13, 3594-3601.	2.8	22
15	Permeable superelastic liquid-metal fibre mat enables biocompatible and monolithic stretchable electronics. <i>Nature Materials</i> , 2021, 20, 859-868.	13.3	407
16	Comparative accuracies of genetic values predicted for economically important milk traits, genome-wide association, and linkage disequilibrium patterns of Canadian Holstein cows. <i>Journal of Dairy Science</i> , 2021, 104, 1900-1916.	1.4	8
17	Dynamic Colloidal Photonic Crystal Hydrogels with Self-Recovery and Injectability. <i>Research</i> , 2021, 2021, 9565402.	2.8	27
18	miRNA Regulatory Functions in Farm Animal Diseases, and Biomarker Potentials for Effective Therapies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3080.	1.8	31

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19	Biomimetic, Stiff, and Adhesive Periosteum with Osteogenic–Angiogenic Coupling Effect for Bone Regeneration. <i>Small</i> , 2021, 17, e2006598.	5.2	61
20	Effects of novel probiotic strains of <i>Bacillus pumilus</i> and <i>Bacillus subtilis</i> on production, gut health, and immunity of broiler chickens raised under suboptimal conditions. <i>Poultry Science</i> , 2021, 100, 100871.	1.5	37
21	Advanced technology-driven therapeutic interventions for prevention of tendon adhesion: Design, intrinsic and extrinsic factor considerations. <i>Acta Biomaterialia</i> , 2021, 124, 15-32.	4.1	32
22	Horizontally Acquired Polysaccharide-Synthetic Gene Cluster From <i>Weissella cibaria</i> Boosts the Probiotic Property of <i>Lactiplantibacillus plantarum</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 692957.	1.5	3
23	Sculpting Bio–Inspired Surface Textures: An Adhesive Janus Periosteum. <i>Advanced Functional Materials</i> , 2021, 31, 2104636.	7.8	32
24	Bone–Petite: Engineering Exosomes towards Bone, Osteochondral, and Cartilage Repair. <i>Small</i> , 2021, 17, e2101741.	5.2	79
25	Intervertebral Disk Degeneration: The Microenvironment and Tissue Engineering Strategies. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 592118.	2.0	32
26	Genetic mutations in adaptive evolution of growth-independent vancomycin-tolerant <i>Staphylococcus aureus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 2765-2773.	1.3	6
27	Color-Specific Recovery to Extreme High-Light Stress in Plants. <i>Life</i> , 2021, 11, 812.	1.1	3
28	<i>Bacillus pumilus</i> and <i>Bacillus subtilis</i> Promote Early Maturation of Cecal Microbiota in Broiler Chickens. <i>Microorganisms</i> , 2021, 9, 1899.	1.6	17
29	Phenotypic Switching of <i>Staphylococcus aureus</i> Mu50 Into a Large Colony Variant Enhances Heritable Resistance Against β -Lactam Antibiotics. <i>Frontiers in Microbiology</i> , 2021, 12, 709841.	1.5	1
30	Whole Genome DNA Methylation Variations in Mammary Gland Tissues from Holstein Cattle Producing Milk with Various Fat and Protein Contents. <i>Genes</i> , 2021, 12, 1727.	1.0	10
31	Inducible Resistance to β -Lactams in Oxacillin-Susceptible <i>mecA1</i> -Positive <i>Staphylococcus sciuri</i> Isolated From Retail Pork. <i>Frontiers in Microbiology</i> , 2021, 12, 721426.	1.5	8
32	3D Bioprinting Photo-Crosslinkable Hydrogels for Bone and Cartilage Repair. <i>International Journal of Bioprinting</i> , 2021, 7, 367.	1.7	8
33	Whole Genome Methylation Analysis Reveals Role of DNA Methylation in Cow’s Ileal and Ileal Lymph Node Responses to <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Infection. <i>Frontiers in Genetics</i> , 2021, 12, 797490.	1.1	3
34	Microfluidics–Assisted Assembly of Injectable Photonic Hydrogels toward Reflective Cooling. <i>Small</i> , 2020, 16, e1903939.	5.2	63
35	A simple yet effective AIE-based fluorescent nano-thermometer for temperature mapping in living cells using fluorescence lifetime imaging microscopy. <i>Nanoscale Horizons</i> , 2020, 5, 488-494.	4.1	51
36	A programmable, fast-fixing, osteo-regenerative, biomechanically robust bone screw. <i>Acta Biomaterialia</i> , 2020, 103, 293-305.	4.1	21

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37	Metastasis-on-a-chip mimicking the progression of kidney cancer in the liver for predicting treatment efficacy. <i>Theranostics</i> , 2020, 10, 300-311.	4.6	60
38	Zoonotic and reverse zoonotic events of SARS-CoV-2 and their impact on global health. <i>Emerging Microbes and Infections</i> , 2020, 9, 2222-2235.	3.0	50
39	Antibacterial nanosystems for cancer therapy. <i>Biomaterials Science</i> , 2020, 8, 6814-6824.	2.6	17
40	Photocrosslinkable nanocomposite ink for printing strong, biodegradable and bioactive bone graft. <i>Biomaterials</i> , 2020, 263, 120378.	5.7	61
41	Organ-on-a-Chip Systems: Human-on-a-Chip: A Biomimetic Vascular System Integrated with Chamber-specific Organs (Small 22/2020). <i>Small</i> , 2020, 16, 2070124.	5.2	1
42	Mucus-Inspired Supramolecular Adhesives with Oil-Regulated Molecular Configurations and Long-Lasting Antibacterial Properties. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 16877-16886.	4.0	34
43	Cholesterol deficiency haplotype frequency and its impact on milk production and milk cholesterol content in Canadian Holstein cows. <i>Canadian Journal of Animal Science</i> , 2020, 100, 786-791.	0.7	2
44	Bioclickable and mussel adhesive peptide mimics for engineering vascular stent surfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16127-16137.	3.3	99
45	Nitric Oxide-Producing Cardiovascular Stent Coatings for Prevention of Thrombosis and Restenosis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 578.	2.0	27
46	Cartilage matrix-inspired biomimetic superlubricated nanospheres for treatment of osteoarthritis. <i>Biomaterials</i> , 2020, 242, 119931.	5.7	77
47	From surface to bulk modification: Plasma polymerization of amine-bearing coating by synergic strategy of biomolecule grafting and nitric oxide loading. <i>Bioactive Materials</i> , 2020, 5, 17-25.	8.6	37
48	Impairment of the Cell Wall Ligase, LytR-CpsA-Psr Protein (LcpC), in Methicillin Resistant <i>Staphylococcus aureus</i> Reduces Its Resistance to Antibiotics and Infection in a Mouse Model of Sepsis. <i>Frontiers in Microbiology</i> , 2020, 11, 557.	1.5	11
49	Human-on-a-Chip: A Biomimetic Vascular System Integrated with Chamber-specific Organs. <i>Small</i> , 2020, 16, e2000546.	5.2	38
50	A bioartificial liver support system integrated with a DLM/GelMA-based bioengineered whole liver for prevention of hepatic encephalopathy <i>via</i> enhanced ammonia reduction. <i>Biomaterials Science</i> , 2020, 8, 2814-2824.	2.6	21
51	Endothelium-Mimicking Multifunctional Coating Modified Cardiovascular Stents via a Stepwise Metal-Catechol-(Amine) Surface Engineering Strategy. <i>Research</i> , 2020, 2020, 9203906.	2.8	81
52	Graphene Nanocomposites. <i>Molecules</i> , 2019, 24, 2440.	1.7	10
53	A new role for host annexin A2 in establishing bacterial adhesion to vascular endothelial cells: lines of evidence from atomic force microscopy and an <i>in vivo</i> study. <i>Laboratory Investigation</i> , 2019, 99, 1650-1660.	1.7	33
54	Effects of oxygen levels and a <i>Lactobacillus plantarum</i> strain on mortality and immune response of chickens at high altitude. <i>Scientific Reports</i> , 2019, 9, 16037.	1.6	11

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55	NK-Cell-Encapsulated Porous Microspheres via Microfluidic Electrospray for Tumor Immunotherapy. ACS Applied Materials & Interfaces, 2019, 11, 33716-33724.	4.0	63
56	A targeted genotyping approach to enhance the identification of variants for lactation persistency in dairy cows. Journal of Animal Science, 2019, 97, 4066-4075.	0.2	5
57	Mechanically Robust Shape Memory Polyurethane Nanocomposites for Minimally Invasive Bone Repair. ACS Applied Bio Materials, 2019, 2, 1056-1065.	2.3	44
58	An injectable self-healing coordinative hydrogel with antibacterial and angiogenic properties for diabetic skin wound repair. NPG Asia Materials, 2019, 11, .	3.8	260
59	A facile metal-phenolic-amine strategy for dual-functionalization of blood-contacting devices with antibacterial and anticoagulant properties. Materials Chemistry Frontiers, 2019, 3, 265-275.	3.2	55
60	The LiaFSR and BsrXRS Systems Contribute to Bile Salt Resistance in Enterococcus faecium Isolates. Frontiers in Microbiology, 2019, 10, 1048.	1.5	6
61	Label-free cell sorting strategies via biophysical and biochemical gradients. Journal of Orthopaedic Translation, 2019, 17, 55-63.	1.9	10
62	Graphene-Based Nanocomposites for Neural Tissue Engineering. Molecules, 2019, 24, 658.	1.7	107
63	Identification and characterization of differentially expressed exosomal microRNAs in bovine milk infected with Staphylococcus aureus. BMC Genomics, 2019, 20, 934.	1.2	58
64	Mussel-inspired dopamine-Cull coatings for sustained in situ generation of nitric oxide for prevention of stent thrombosis and restenosis. Biomaterials, 2019, 194, 117-129.	5.7	110
65	<i>Euryale Ferox</i> Seed-Inspired Superlubricated Nanoparticles for Treatment of Osteoarthritis. Advanced Functional Materials, 2019, 29, 1807559.	7.8	80
66	Lactobacillus plantarum Restores Intestinal Permeability Disrupted by Salmonella Infection in Newly-hatched Chicks. Scientific Reports, 2018, 8, 2229.	1.6	55
67	In vitro activity of ivermectin against Staphylococcus aureus clinical isolates. Antimicrobial Resistance and Infection Control, 2018, 7, 27.	1.5	45
68	A decade of progress in liver regenerative medicine. Biomaterials, 2018, 157, 161-176.	5.7	89
69	Proteome modifications on tomato under extreme high light induced-stress. Proteome Science, 2018, 16, 20.	0.7	13
70	Current advances in skin-on-a-chip models for drug testing. Microphysiological Systems, 2018, 1, 1-1.	2.0	34
71	Colistin Induces S. aureus Susceptibility to Bacitracin. Frontiers in Microbiology, 2018, 9, 2805.	1.5	21
72	Functional Analyses of Cassette Chromosome Recombinase C2 (CcrC2) and Its Use in Eliminating Methicillin Resistance by Combining CRISPR-Cas9. ACS Synthetic Biology, 2018, 7, 2590-2599.	1.9	9

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73	Porphyritic Metal-Organic Framework PCN-224 Nanoparticles for Near-Infrared-Induced Attenuation of Aggregation and Neurotoxicity of Alzheimer's Amyloid- β Peptide. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 36615-36621.	4.0	107
74	Genome wide association study identifies novel potential candidate genes for bovine milk cholesterol content. <i>Scientific Reports</i> , 2018, 8, 13239.	1.6	25
75	<i>Bacillus licheniformis</i> CK1 alleviates the toxic effects of zearalenone in feed on weaned female Tibetan piglets. <i>Journal of Animal Science</i> , 2018, 96, 4471-4480.	0.2	14
76	Polymer-Brush-Grafted Mesoporous Silica Nanoparticles for Triggered Drug Delivery. <i>ChemPhysChem</i> , 2018, 19, 1956-1964.	1.0	54
77	Genetic parameters of milk cholesterol content in Holstein cattle. <i>Canadian Journal of Animal Science</i> , 2018, 98, 714-722.	0.7	10
78	A Versatile Dynamic Mussel-Inspired Biointerface: From Specific Cell Behavior Modulation to Selective Cell Isolation. <i>Angewandte Chemie</i> , 2018, 130, 8004-8008.	1.6	15
79	Arginine Catabolic Mobile Elements in Livestock-Associated Methicillin-Resistant Staphylococcal Isolates From Bovine Mastitic Milk in China. <i>Frontiers in Microbiology</i> , 2018, 9, 1031.	1.5	7
80	Advanced Material Strategies for Next-Generation Additive Manufacturing. <i>Materials</i> , 2018, 11, 166.	1.3	76
81	AI-Egen-Based Fluorescent Nanomaterials: Fabrication and Biological Applications. <i>Molecules</i> , 2018, 23, 419.	1.7	37
82	Characterization of a functional insertion sequence ISSau2 from <i>Staphylococcus aureus</i> . <i>Mobile DNA</i> , 2018, 9, 3.	1.3	1
83	A Versatile Dynamic Mussel-Inspired Biointerface: From Specific Cell Behavior Modulation to Selective Cell Isolation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7878-7882.	7.2	76
84	Characterization of the resistance class 1 integrons in <i>Staphylococcus aureus</i> isolates from milk of lactating dairy cattle in Northwestern China. <i>BMC Veterinary Research</i> , 2018, 14, 59.	0.7	19
85	Mussel-inspired catalytic selenocystamine-dopamine coatings for long-term generation of therapeutic gas on cardiovascular stents. <i>Biomaterials</i> , 2018, 178, 1-10.	5.7	99
86	A fibronectin-binding protein (FbpA) of <i>Weissella cibaria</i> inhibits colonization and infection of <i>Staphylococcus aureus</i> in mammary glands. <i>Cellular Microbiology</i> , 2017, 19, e12731.	1.1	20
87	Clumping factor A of <i>Staphylococcus aureus</i> interacts with AnnexinA2 on mammary epithelial cells. <i>Scientific Reports</i> , 2017, 7, 40608.	1.6	21
88	Antibiotics trigger initiation of SCCmec transfer by inducing SOS responses. <i>Nucleic Acids Research</i> , 2017, 45, 3944-3952.	6.5	31
89	Non-invasive tracking of hydrogel degradation using upconversion nanoparticles. <i>Acta Biomaterialia</i> , 2017, 55, 410-419.	4.1	38
90	Biomaterials based strategies for rotator cuff repair. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 157, 407-416.	2.5	42

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91	Electrospun polymeric micro/nanofibrous scaffolds for long-term drug release and their biomedical applications. <i>Drug Discovery Today</i> , 2017, 22, 1351-1366.	3.2	99
92	Long-term anti-inflammatory efficacy in intestinal anastomosis in mice using silver nanoparticle-coated suture. <i>Journal of Pediatric Surgery</i> , 2017, 52, 2083-2087.	0.8	32
93	Functional and Biomimetic Materials for Engineering of the Three-Dimensional Cell Microenvironment. <i>Chemical Reviews</i> , 2017, 117, 12764-12850.	23.0	582
94	Graphene-based nanomaterials for drug and/or gene delivery, bioimaging, and tissue engineering. <i>Drug Discovery Today</i> , 2017, 22, 1302-1317.	3.2	258
95	Global acquisition of genetic material from different bacteria into the staphylococcal cassette chromosome elements of a <i>Staphylococcus epidermidis</i> isolate. <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 581-587.	1.1	10
96	Therapeutic nanomaterials for cancer therapy and tissue regeneration. <i>Drug Discovery Today</i> , 2017, 22, 1285-1287.	3.2	7
97	Mannan- and xylooligosaccharides modulate caecal microbiota and expression of inflammatory-related cytokines and reduce caecal <i>Salmonella</i> Enteritidis colonisation in young chickens. <i>FEMS Microbiology Ecology</i> , 2017, 93, fiw226.	1.3	50
98	Involvement of MicroRNAs in Probiotics-Induced Reduction of the Cecal Inflammation by <i>Salmonella</i> Typhimurium. <i>Frontiers in Immunology</i> , 2017, 8, 704.	2.2	40
99	Effective Antimicrobial Activity of Plectasin-Derived Antimicrobial Peptides against <i>Staphylococcus aureus</i> Infection in Mammary Glands. <i>Frontiers in Microbiology</i> , 2017, 8, 2386.	1.5	18
100	Whole-genome sequencing reveals mutational landscape underlying phenotypic differences between two widespread Chinese cattle breeds. <i>PLoS ONE</i> , 2017, 12, e0183921.	1.1	33
101	Effect of Degradation of Zearalenone-Contaminated Feed by <i>Bacillus licheniformis</i> CK1 on Postweaning Female Piglets. <i>Toxins</i> , 2016, 8, 300.	1.5	31
102	Using In Vitro Immunomodulatory Properties of Lactic Acid Bacteria for Selection of Probiotics against <i>Salmonella</i> Infection in Broiler Chicks. <i>PLoS ONE</i> , 2016, 11, e0147630.	1.1	42
103	Comparative Analysis of the miRNome of Bovine Milk Fat, Whey and Cells. <i>PLoS ONE</i> , 2016, 11, e0154129.	1.1	91
104	Effect of bla-regulators on the susceptible phenotype and phenotypic conversion for oxacillin-susceptible mecA-positive staphylococcal isolates. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 2105-2112.	1.3	27
105	High density genome wide genotyping-by-sequencing and association identifies common and low frequency SNPs, and novel candidate genes influencing cow milk traits. <i>Scientific Reports</i> , 2016, 6, 31109.	1.6	93
106	Transcriptome adaptation of the bovine mammary gland to diets rich in unsaturated fatty acids shows greater impact of linseed oil over safflower oil on gene expression and metabolic pathways. <i>BMC Genomics</i> , 2016, 17, 104.	1.2	46
107	Deep sequencing shows microRNA involvement in bovine mammary gland adaptation to diets supplemented with linseed oil or safflower oil. <i>BMC Genomics</i> , 2015, 16, 884.	1.2	67
108	Epigenetic marks: regulators of livestock phenotypes and conceivable sources of missing variation in livestock improvement programs. <i>Frontiers in Genetics</i> , 2015, 6, 302.	1.1	125

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109	Characterization of Methicillin-Resistant and -Susceptible Staphylococcal Isolates from Bovine Milk in Northwestern China. PLoS ONE, 2015, 10, e0116699.	1.1	37
110	Characterization of Insertion Sequence ISSau2 in the Human and Livestock-Associated Staphylococcus aureus. PLoS ONE, 2015, 10, e0127183.	1.1	2
111	Effects of Rhodiola on production, health and gut development of broilers reared at high altitude in Tibet. Scientific Reports, 2015, 4, 7166.	1.6	19
112	Prebiotics and gut microbiota in chickens. FEMS Microbiology Letters, 2015, 362, fnv122.	0.7	198
113	Coexistence of Heavy Metal and Antibiotic Resistance within a Novel Composite Staphylococcal Cassette Chromosome in a Staphylococcus haemolyticus Isolate from Bovine Mastitis Milk. Antimicrobial Agents and Chemotherapy, 2015, 59, 5788-5792.	1.4	27
114	Xylo-oligosaccharides and virginiamycin differentially modulate gut microbial composition in chickens. Microbiome, 2015, 3, 15.	4.9	127
115	Effects of orally administered immunodominant T-cell epitope peptides on cow's milk protein allergy in a mouse model. Food Research International, 2015, 71, 126-131.	2.9	19
116	Novel Type XII Staphylococcal Cassette Chromosome <i>mecA</i> Harboring a New Cassette Chromosome Recombinase, Ccr2. Antimicrobial Agents and Chemotherapy, 2015, 59, 7597-7601.	1.4	101
117	Impact of Parental <i>Bos taurus</i> and <i>Bos indicus</i> Origins on Copy Number Variation in Traditional Chinese Cattle Breeds. Genome Biology and Evolution, 2015, 7, 2352-2361.	1.1	25
118	Macrolide-lincosamide-streptogramin resistance phenotypes and genotypes of coagulase-positive Staphylococcus aureus and coagulase-negative staphylococcal isolates from bovine mastitis. BMC Veterinary Research, 2015, 11, 168.	0.7	48
119	Genome-wide DNA Methylation Profiles and Their Relationships with mRNA and the microRNA Transcriptome in Bovine Muscle Tissue (<i>Bos taurus</i>). Scientific Reports, 2015, 4, 6546.	1.6	97
120	Discovery of Novel and Differentially Expressed MicroRNAs between Fetal and Adult Backfat in Cattle. PLoS ONE, 2014, 9, e90244.	1.1	17
121	Characterization of Transcriptional Complexity during Adipose Tissue Development in Bovines of Different Ages and Sexes. PLoS ONE, 2014, 9, e101261.	1.1	32
122	Associations between variants of FADS genes and omega-3 and omega-6 milk fatty acids of Canadian Holstein cows. BMC Genetics, 2014, 15, 25.	2.7	43
123	Detection of copy number variations and their effects in Chinese bulls. BMC Genomics, 2014, 15, 480.	1.2	76
124	Transcriptome microRNA profiling of bovine mammary epithelial cells challenged with Escherichia coli or Staphylococcus aureus bacteria reveals pathogen directed microRNA expression profiles. BMC Genomics, 2014, 15, 181.	1.2	154
125	Effects of mannan oligosaccharide and virginiamycin on the cecal microbial community and intestinal morphology of chickens raised under suboptimal conditions. Canadian Journal of Microbiology, 2014, 60, 255-266.	0.8	54
126	Transcription Factor ZBED6 Mediates IGF2 Gene Expression by Regulating Promoter Activity and DNA Methylation in Myoblasts. Scientific Reports, 2014, 4, 4570.	1.6	16

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127	An Asp7Gly Substitution in PPARC Is Associated with Decreased Transcriptional Activation Activity. PLoS ONE, 2014, 9, e86954.	1.1	1
128	Effects of supplementing different ratios of omega-3 and omega-6 fatty acids in western-style diets on cow's milk protein allergy in a mouse model. Molecular Nutrition and Food Research, 2013, 57, 2029-2038.	1.5	14
129	Low Doses of Allergen and Probiotic Supplementation Separately or in Combination Alleviate Allergic Reactions to Cow β -Lactoglobulin in Mice. Journal of Nutrition, 2013, 143, 136-141.	1.3	17
130	Cell Walls of <i>Saccharomyces cerevisiae</i> Differentially Modulated Innate Immunity and Glucose Metabolism during Late Systemic Inflammation. PLoS ONE, 2012, 7, e30323.	1.1	27
131	The influence of different anticoagulants and sample preparation methods on measurement of mCD14 on bovine monocytes and polymorphonuclear neutrophil leukocytes. BMC Research Notes, 2012, 5, 93.	0.6	20
132	Variation of Serine-Aspartate Repeats in Membrane Proteins Possibly Contributes to Staphylococcal Microevolution. PLoS ONE, 2012, 7, e34756.	1.1	4
133	Display of <i>Fibrobacter succinogenes</i> β -Glucanase on the Cell Surface of <i>Lactobacillus reuteri</i> . Journal of Agricultural and Food Chemistry, 2011, 59, 1744-1751.	2.4	8
134	Hydrophobic immobilization of a bile salt activated lipase from Chinook salmon (<i>Oncorhynchus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	1.8	13
135	Effects of <i>Lactobacillus rhamnosus</i> GG supplementation on cow's milk allergy in a mouse model. Allergy, Asthma and Clinical Immunology, 2011, 7, 20.	0.9	38
136	Flavour development in dairy cream using fish digestive lipases from Chinook salmon (<i>Oncorhynchus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 1562-1568.	4.2	28
137	Cytosine-Phosphate-Guanine Oligodeoxynucleotides Containing GACGTT Motifs Enhance the Immune Responses Elicited by Keyhole Limpet Hemocyanin Antigen in Dairy Cattle. Nucleic Acid Therapeutics, 2011, 21, 323-332.	2.0	8
138	Sequence Diversities of Serine-Aspartate Repeat Genes among <i>Staphylococcus aureus</i> Isolates from Different Hosts Presumably by Horizontal Gene Transfer. PLoS ONE, 2011, 6, e20332.	1.1	21
139	Purification and properties of digestive lipases from Chinook salmon (<i>Oncorhynchus tshawytscha</i>) and New Zealand hoki (<i>Macruronus novaezelandiae</i>). Fish Physiology and Biochemistry, 2010, 36, 1041-1060.	0.9	36
140	Expression of bovine granulocyte chemotactic protein-2 (GCP-2) in neutrophils and a mammary epithelial cell line (MAC-T) in response to various bacterial cell wall components. Veterinary Journal, 2010, 186, 89-95.	0.6	17
141	Regional Profiling for Determination of Genotype Diversity of Mastitis-Specific <i>Staphylococcus aureus</i> Lineage in Canada by Use of Clumping Factor A, Pulsed-Field Gel Electrophoresis, and β -Typing. Journal of Clinical Microbiology, 2010, 48, 375-386.	1.8	26
142	Organ- and Host-Specific Clonal Groups of <i>Staphylococcus aureus</i> from Human Infections and Bovine Mastitis Revealed by the Clumping Factor A Gene. Foodborne Pathogens and Disease, 2010, 7, 111-119.	0.8	8
143	Expression of <i>Lactobacillus reuteri</i> Pg4 Collagen-Binding Protein Gene in <i>Lactobacillus casei</i> ATCC 393 Increases Its Adhesion Ability to Caco-2 Cells. Journal of Agricultural and Food Chemistry, 2010, 58, 12182-12191.	2.4	22
144	Proteomics, Genomics, and Pathway Analyses of <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> Infected Milk Whey Reveal Molecular Pathways and Networks Involved in Mastitis. Journal of Proteome Research, 2010, 9, 4604-4619.	1.8	81

#	ARTICLE	IF	CITATIONS
145	Repeat-based subtyping and grouping of <i>Staphylococcus aureus</i> from human infections and bovine mastitis using the R-domain of the clumping factor A gene. <i>Diagnostic Microbiology and Infectious Disease</i> , 2009, 63, 24-37.	0.8	8
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