

# Yaofeng Zhao

## List of Publications by Year in descending order

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63  
papers

2,125  
citations

236925

25  
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243625

44  
g-index

65  
all docs

65  
docs citations

65  
times ranked

2580  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the stage-specific roles of Tcf-1 in T cell development and malignancy at single-cell resolution. <i>Cellular and Molecular Immunology</i> , 2021, 18, 644-659.	10.5	18
2	FcRn is not the receptor mediating the transfer of serum IgG to colostrum in pigs. <i>Immunology</i> , 2021, 163, 448-459.	4.4	3
3	Reshaping the murine immunoglobulin heavy chain repertoire with bovine DH genes. <i>Immunology</i> , 2021, , .	4.4	2
4	Immunoglobulin D and its encoding genes: An updated review. <i>Developmental and Comparative Immunology</i> , 2021, 124, 104198.	2.3	3
5	The Immunoglobulins: New Insights, Implications, and Applications. <i>Annual Review of Animal Biosciences</i> , 2020, 8, 145-169.	7.4	44
6	Revisiting the Pig IGHC Gene Locus in Different Breeds Uncovers Nine Distinct IGHC Genes. <i>Journal of Immunology</i> , 2020, 205, 2137-2145.	0.8	7
7	Analysis of the Chinese Alligator TCR $\alpha/\beta$ Loci Reveals the Evolutionary Pattern of Atypical TCR $\alpha/\beta$ in Tetrapods. <i>Journal of Immunology</i> , 2020, 205, 637-647.	0.8	6
8	Genetic removal of the CH1 exon leads to the production of hypofunctional heavy chain-only IgG2a in rats. <i>Transgenic Research</i> , 2020, 29, 199-213.	2.4	0
9	TCF-1 deficiency influences the composition of intestinal microbiota and enhances susceptibility to colonic inflammation. <i>Protein and Cell</i> , 2020, 11, 380-386.	11.0	7
10	Generation of porcine monoclonal antibodies based on single cell technologies. <i>Veterinary Immunology and Immunopathology</i> , 2019, 215, 109913.	1.2	3
11	Overexpression of miR-29 Leads to Myopathy that Resemble Pathology of Ullrich Congenital Muscular Dystrophy. <i>Cells</i> , 2019, 8, 459.	4.1	14
12	A high-throughput screen for genes essential for PRRSV infection using a piggyBac-based system. <i>Virology</i> , 2019, 531, 19-30.	2.4	9
13	Identification of Two Nonrearranging IgSF Genes in Chicken Reveals a Novel Family of Putative Remnants of an Antigen Receptor Precursor. <i>Journal of Immunology</i> , 2019, 202, 1992-2004.	0.8	7
14	miR-29a/b1 Inhibits Hair Follicle Stem Cell Lineage Progression by Spatiotemporally Suppressing WNT and BMP Signaling. <i>Cell Reports</i> , 2019, 29, 2489-2504.e4.	6.4	36
15	Generation of Pigs Resistant to Highly Pathogenic-Porcine Reproductive and Respiratory Syndrome Virus through Gene Editing of <i>CD163</i> . <i>International Journal of Biological Sciences</i> , 2019, 15, 481-492.	6.4	46
16	Identification of a Transcriptionally Forward $\alpha$ Gene and Two $\beta$ Genes within the Pigeon ( <i>Columba livia</i> ) IgH Gene Locus. <i>Journal of Immunology</i> , 2018, 200, 3720-3728.	0.8	3
17	Analysis of TCR $\alpha^2$ and TCR $\alpha^3$ genes in Chinese alligator provides insights into the evolution of TCR genes in jawed vertebrates. <i>Developmental and Comparative Immunology</i> , 2018, 85, 31-43.	2.3	10
18	Incorporation of a skeletal muscle-specific enhancer in the regulatory region of Igf1 upregulates IGF1 expression and induces skeletal muscle hypertrophy. <i>Scientific Reports</i> , 2018, 8, 2781.	3.3	12

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19	Truncation of the Murine Neonatal Fc Receptor Cytoplasmic Tail Does Not Alter IgG Metabolism or Transport In Vivo. <i>Journal of Immunology</i> , 2018, 200, 1413-1424.	0.8	2
20	Islr regulates canonical Wnt signaling-mediated skeletal muscle regeneration by stabilizing Dishevelled-2 and preventing autophagy. <i>Nature Communications</i> , 2018, 9, 5129.	12.8	64
21	Genetic Removal of the CH1 Exon Enables the Production of Heavy Chain-Only IgG in Mice. <i>Frontiers in Immunology</i> , 2018, 9, 2202.	4.8	5
22	Silencing of retrotransposon-derived imprinted gene RTL1 is the main cause for postimplantational failures in mammalian cloning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11071-E11080.	7.1	25
23	A comprehensive analysis of the germline and expressed TCR repertoire in White Peking duck. <i>Scientific Reports</i> , 2017, 7, 41426.	3.3	12
24	Convergent and divergent genetic changes in the genome of Chinese and European pigs. <i>Scientific Reports</i> , 2017, 7, 8662.	3.3	13
25	Three IgH isotypes, IgM, IgA and IgY are expressed in Gentoo penguin and zebra finch. <i>PLoS ONE</i> , 2017, 12, e0173334.	2.5	6
26	A de novo silencer causes elimination of MITF-M expression and profound hearing loss in pigs. <i>BMC Biology</i> , 2016, 14, 52.	3.8	53
27	Internal Duplications of DH, JH, and C Region Genes Create an Unusual IgH Gene Locus in Cattle. <i>Journal of Immunology</i> , 2016, 196, 4358-4366.	0.8	42
28	Multiple IgH Isotypes Including IgD, Subclasses of IgM, and IgY Are Expressed in the Common Ancestors of Modern Birds. <i>Journal of Immunology</i> , 2016, 196, 5138-5147.	0.8	25
29	Multiple germline functional VL genes contribute to the IgL repertoire in ducks. <i>Developmental and Comparative Immunology</i> , 2016, 60, 167-179.	2.3	6
30	A Comprehensive Analysis of the Phylogeny, Genomic Organization and Expression of Immunoglobulin Light Chain Genes in <i>Alligator sinensis</i> , an Endangered Reptile Species. <i>PLoS ONE</i> , 2016, 11, e0147704.	2.5	19
31	Genome-wide Mapping Reveals Conservation of Promoter DNA Methylation Following Chicken Domestication. <i>Scientific Reports</i> , 2015, 5, 8748.	3.3	17
32	Bovine FcRn-Mediated Human Immunoglobulin G Transfer across the Milk-Blood Barrier in Transgenic Mice. <i>PLoS ONE</i> , 2014, 9, e115972.	2.5	12
33	Intraclass diversification of immunoglobulin heavy chain genes in the African lungfish. <i>Immunogenetics</i> , 2014, 66, 335-351.	2.4	26
34	Immunoglobulin Genes in Tetrapods. , 2014, , 17-52.		4
35	Depletion of conventional mature B cells and compromised specific antibody response in bovine immunoglobulin &Mgr; heavy-chain transgenic mice. <i>Frontiers of Agricultural Science and Engineering</i> , 2014, 1, 158.	1.4	1
36	Extensive diversification of IgH subclass-encoding genes and IgM subclass switching in crocodylians. <i>Nature Communications</i> , 2013, 4, 1337.	12.8	35

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37	Genomic analyses identify distinct patterns of selection in domesticated pigs and Tibetan wild boars. <i>Nature Genetics</i> , 2013, 45, 1431-1438.	21.4	472
38	A comparative overview of immunoglobulin genes and the generation of their diversity in tetrapods. <i>Developmental and Comparative Immunology</i> , 2013, 39, 103-109.	2.3	48
39	Extensive Diversification of IgD-, IgY-, and Truncated IgY(I <sup>H</sup> Fc)-Encoding Genes in the Red-Eared Turtle ( <i>Trachemys scripta elegans</i> ). <i>Journal of Immunology</i> , 2012, 189, 3995-4004.	0.8	34
40	Evidence of IgY Subclass Diversification in Snakes: Evolutionary Implications. <i>Journal of Immunology</i> , 2012, 189, 3557-3565.	0.8	21
41	Immunoglobulin genes and diversity: what we have learned from domestic animals. <i>Journal of Animal Science and Biotechnology</i> , 2012, 3, 18.	5.3	25
42	Expressional Analysis of Immunoglobulin D in Cattle ( <i>Bos taurus</i> ), a Large Domesticated Ungulate. <i>PLoS ONE</i> , 2012, 7, e44719.	2.5	10
43	Analysis of Immunoglobulin Transcripts in the Ostrich <i>Struthio camelus</i> , a Primitive Avian Species. <i>PLoS ONE</i> , 2012, 7, e34346.	2.5	42
44	Immunoglobulin Genomics in the Guinea Pig ( <i>Cavia porcellus</i> ). <i>PLoS ONE</i> , 2012, 7, e39298.	2.5	23
45	The two suborders of chiropterans have the canonical heavy-chain immunoglobulin (Ig) gene repertoire of eutherian mammals. <i>Developmental and Comparative Immunology</i> , 2011, 35, 273-284.	2.3	45
46	The immunoglobulin I <sup>H</sup> gene in jawed vertebrates: A comparative overview. <i>Developmental and Comparative Immunology</i> , 2011, 35, 975-981.	2.3	26
47	Characterization of the MHC class II I <sup>H</sup> -chain gene in ducks. <i>Immunogenetics</i> , 2011, 63, 667-678.	2.4	16
48	A Preliminary Analysis of the Immunoglobulin Genes in the African Elephant ( <i>Loxodonta africana</i> ). <i>PLoS ONE</i> , 2011, 6, e16889.	2.5	31
49	The immunoglobulin gene loci in the teleost <i>Gasterosteus aculeatus</i> . <i>Fish and Shellfish Immunology</i> , 2010, 28, 40-48.	3.6	49
50	Phylogeny, genomic organization and expression of I <sup>H</sup> and I <sup>E</sup> immunoglobulin light chain genes in a reptile, <i>Anolis carolinensis</i> . <i>Developmental and Comparative Immunology</i> , 2010, 34, 579-589.	2.3	43
51	A comprehensive analysis of germline and expressed immunoglobulin repertoire in the horse. <i>Developmental and Comparative Immunology</i> , 2010, 34, 1009-1020.	2.3	39
52	<i>Ornithorhynchus anatinus</i> (Platypus) Links the Evolution of Immunoglobulin Genes in Eutherian Mammals and Nonmammalian Tetrapods. <i>Journal of Immunology</i> , 2009, 183, 3285-3293.	0.8	59
53	Expression of IgM, IgD, and IgY in a Reptile, <i>Anolis carolinensis</i> . <i>Journal of Immunology</i> , 2009, 183, 3858-3864.	0.8	64
54	Genomic organization of the immunoglobulin light chain gene loci in <i>Xenopus tropicalis</i> : Evolutionary implications. <i>Developmental and Comparative Immunology</i> , 2008, 32, 156-165.	2.3	32

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55	Physical mapping of the giant panda immunoglobulin heavy chain constant region genes. <i>Developmental and Comparative Immunology</i> , 2007, 31, 1034-1049.	2.3	15
56	Class Switch Recombination: A Comparison Between Mouse and Human. <i>Advances in Immunology</i> , 2007, 93, 1-61.	2.2	87
57	Over-expression of the bovine FcRn in the mammary gland results in increased IgG levels in both milk and serum of transgenic mice. <i>Immunology</i> , 2007, 122, 401-408.	4.4	46
58	Identification of IgF, a hinge-region-containing Ig class, and IgD in <i>Xenopus tropicalis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12087-12092.	7.1	102
59	Cloning of the complete rat immunoglobulin delta gene: evolutionary implications. <i>Immunology</i> , 2003, 108, 288-295.	4.4	12
60	Presence of the di-leucine motif in the cytoplasmic tail of the pig FcRn $\hat{I}\pm$ chain. <i>Veterinary Immunology and Immunopathology</i> , 2003, 96, 229-233.	1.2	8
61	Physical Mapping of the Bovine Immunoglobulin Heavy Chain Constant Region Gene Locus. <i>Journal of Biological Chemistry</i> , 2003, 278, 35024-35032.	3.4	45
62	The Porcine Ig $\hat{I}$ Gene: Unique Chimeric Splicing of the First Constant Region Domain in its Heavy Chain Transcripts. <i>Journal of Immunology</i> , 2003, 171, 1312-1318.	0.8	44
63	Artiodactyl IgD: The Missing Link. <i>Journal of Immunology</i> , 2002, 169, 4408-4416.	0.8	89