

# Lawrence B Schook

## List of Publications by Citations

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146  
papers

6,596  
citations

37  
h-index

79  
g-index

177  
ext. papers

7,701  
ext. citations

5.4  
avg, IF

4.88  
L-index

#	Paper	IF	Citations
146	Analyses of pig genomes provide insight into porcine demography and evolution. <i>Nature</i> , <b>2012</b> , 491, 393-8	50.4	928
145	The genome sequence of taurine cattle: a window to ruminant biology and evolution. <i>Science</i> , <b>2009</b> , 324, 522-8	33.3	863
144	Design of a high density SNP genotyping assay in the pig using SNPs identified and characterized by next generation sequencing technology. <i>PLoS ONE</i> , <b>2009</b> , 4, e6524	3.7	486
143	Dynamics of mammalian chromosome evolution inferred from multispecies comparative maps. <i>Science</i> , <b>2005</b> , 309, 613-7	33.3	447
142	A first-generation porcine whole-genome radiation hybrid map. <i>Mammalian Genome</i> , <b>1999</b> , 10, 824-30	3.2	280
141	Regions of homozygosity in the porcine genome: consequence of demography and the recombination landscape. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1003100	6	178
140	Mechanisms generating functionally heterogeneous macrophages: chaos revisited. <i>Journal of Leukocyte Biology</i> , <b>1993</b> , 53, 602-18	6.5	162
139	Pig genome sequence--analysis and publication strategy. <i>BMC Genomics</i> , <b>2010</b> , 11, 438	4.5	116
138	A high density recombination map of the pig reveals a correlation between sex-specific recombination and GC content. <i>BMC Genomics</i> , <b>2012</b> , 13, 586	4.5	113
137	Quantification of the relative roles of niche and neutral processes in structuring gastrointestinal microbiomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 9692-8	11.5	106
136	A high utility integrated map of the pig genome. <i>Genome Biology</i> , <b>2007</b> , 8, R139	18.3	104
135	Genome-wide footprints of pig domestication and selection revealed through massive parallel sequencing of pooled DNA. <i>PLoS ONE</i> , <b>2011</b> , 6, e14782	3.7	103
134	Genome sequencing reveals fine scale diversification and reticulation history during speciation in <i>Sus</i> . <i>Genome Biology</i> , <b>2013</b> , 14, R107	18.3	97
133	Piggy-BACing the human genome II. A high-resolution, physically anchored, comparative map of the porcine autosomes. <i>Genomics</i> , <b>2005</b> , 86, 739-52	4.3	96
132	Transcriptome profiling of the small intestinal epithelium in germfree versus conventional piglets. <i>BMC Genomics</i> , <b>2007</b> , 8, 215	4.5	87
131	A Genetic Porcine Model of Cancer. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128864	3.7	86
130	Interval mapping of growth in divergent swine cross. <i>Mammalian Genome</i> , <b>1999</b> , 10, 117-22	3.2	81

129	Swine Genome Sequencing Consortium (SGSC): a strategic roadmap for sequencing the pig genome. <i>Comparative and Functional Genomics</i> , <b>2005</b> , 6, 251-5		75
128	Molecular responses of macrophages to porcine reproductive and respiratory syndrome virus infection. <i>Virology</i> , <b>1999</b> , 262, 152-62	3.6	71
127	The Oncopig Cancer Model: An Innovative Large Animal Translational Oncology Platform. <i>Frontiers in Oncology</i> , <b>2017</b> , 7, 190	5.3	68
126	Genetic resources, genome mapping and evolutionary genomics of the pig ( <i>Sus scrofa</i> ). <i>International Journal of Biological Sciences</i> , <b>2007</b> , 3, 153-65	11.2	68
125	Genome-wide SNP data unveils the globalization of domesticated pigs. <i>Genetics Selection Evolution</i> , <b>2017</b> , 49, 71	4.9	63
124	Adult porcine genome-wide DNA methylation patterns support pigs as a biomedical model. <i>BMC Genomics</i> , <b>2015</b> , 16, 743	4.5	61
123	Leukocyte-mimicking stem cell delivery via in situ coating of cells with a bioactive hyperbranched polyglycerol. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 8770-3	16.4	61
122	An improved pig reference genome sequence to enable pig genetics and genomics research. <i>GigaScience</i> , <b>2020</b> , 9,	7.6	60
121	Trimodal Therapy: Combining Hyperthermia with Repurposed Bexarotene and Ultrasound for Treating Liver Cancer. <i>ACS Nano</i> , <b>2015</b> , 9, 10695-10718	16.7	50
120	Delivery of lipophilic drugs using lipoproteins. <i>Annals of the New York Academy of Sciences</i> , <b>1987</b> , 507, 252-71	6.5	50
119	Unraveling the swine genome: implications for human health. <i>Annual Review of Animal Biosciences</i> , <b>2015</b> , 3, 219-44	13.7	48
118	An RNA helicase, RHIV -1, induced by porcine reproductive and respiratory syndrome virus (PRRSV) is mapped on porcine chromosome 10q13. <i>Microbial Pathogenesis</i> , <b>2000</b> , 28, 267-78	3.8	46
117	Porcine colonization of the Americas: a 60k SNP story. <i>Heredity</i> , <b>2013</b> , 110, 321-30	3.6	42
116	Diet and age affect intestinal morphology and large bowel fermentative end-product concentrations in senior and young adult dogs. <i>Journal of Nutrition</i> , <b>2005</b> , 135, 1940-5	4.1	42
115	Characterization of swine leukocyte antigen polymorphism by sequence-based and PCR-SSP methods in Meishan pigs. <i>Immunogenetics</i> , <b>2006</b> , 58, 873-82	3.2	41
114	Regiospecific control of protein expression in cells cultured on two-component counter gradients of extracellular matrix proteins. <i>Langmuir</i> , <b>2005</b> , 21, 3061-8	4	41
113	Differential immunocompetence of macrophages derived using macrophage or granulocyte-macrophage colony-stimulating factor. <i>Journal of Leukocyte Biology</i> , <b>1992</b> , 51, 69-76	6.5	39
112	Neuronal genes for subcutaneous fat thickness in human and pig are identified by local genomic sequencing and combined SNP association study. <i>PLoS ONE</i> , <b>2011</b> , 6, e16356	3.7	39

111	Identification of high utility SNPs for population assignment and traceability purposes in the pig using high-throughput sequencing. <i>Animal Genetics</i> , <b>2011</b> , 42, 613-20	2.5	37
110	Multiple Asian pig origins revealed through genomic analyses. <i>Molecular Phylogenetics and Evolution</i> , <b>2010</b> , 54, 680-6	4.1	37
109	Modulation of systemic immune responses through commensal gastrointestinal microbiota. <i>PLoS ONE</i> , <b>2013</b> , 8, e53969	3.7	36
108	Effects of N-nitrosodimethylamine on tumor susceptibility. <i>Journal of Leukocyte Biology</i> , <b>1985</b> , 37, 383-94.5		36
107	A validated, transitional and translational porcine model of hepatocellular carcinoma. <i>Oncotarget</i> , <b>2017</b> , 8, 63620-63634	3.3	34
106	Genomics and clinical medicine: rationale for creating and effectively evaluating animal models. <i>Experimental Biology and Medicine</i> , <b>2004</b> , 229, 866-75	3.7	33
105	Of Mice, Dogs, Pigs, and Men: Choosing the Appropriate Model for Immuno-Oncology Research. <i>ILAR Journal</i> , <b>2018</b> , 59, 247-262	1.7	31
104	3D Printed Stem-Cell-Laden, Microchanneled Hydrogel Patch for the Enhanced Release of Cell-Secreting Factors and Treatment of Myocardial Infarctions. <i>ACS Biomaterials Science and Engineering</i> , <b>2017</b> , 3, 1980-1987	5.5	29
103	Implications of age and diet on canine cerebral cortex transcription. <i>Neurobiology of Aging</i> , <b>2009</b> , 30, 1314-26	5.6	29
102	Impact of neonatal iron deficiency on hippocampal DNA methylation and gene transcription in a porcine biomedical model of cognitive development. <i>BMC Genomics</i> , <b>2016</b> , 17, 856	4.5	29
101	Label-free imaging of cell attachment with photonic crystal enhanced microscopy. <i>Analyst, The</i> , <b>2011</b> , 136, 3608-15	5	25
100	Peripheral viral infection induced microglial sensome genes and enhanced microglial cell activity in the hippocampus of neonatal piglets. <i>Brain, Behavior, and Immunity</i> , <b>2016</b> , 54, 243-251	16.6	24
99	A cloned pig model for examining atherosclerosis induced by high fat, high cholesterol diets. <i>Animal Biotechnology</i> , <b>2010</b> , 21, 179-87	1.4	24
98	Characterization of porcine pregnane X receptor, farnesoid X receptor and their splice variants. <i>Experimental Biology and Medicine</i> , <b>2010</b> , 235, 718-36	3.7	23
97	Relationship of Major Histocompatibility Complex Class II Genes to Inhibitor Antibody Formation in Hemophilia A. <i>Thrombosis and Haemostasis</i> , <b>1990</b> , 64, 564-568	7	23
96	Twists and turns in the development and maintenance of the mammalian small intestine epithelium. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , <b>2005</b> , 75, 58-71		22
95	Diversification of porcine MHC class II genes: evidence for selective advantage. <i>Immunogenetics</i> , <b>2009</b> , 61, 119-29	3.2	21
94	Tuning the non-equilibrium state of a drug-encapsulated poly(ethylene glycol) hydrogel for stem and progenitor cell mobilization. <i>Biomaterials</i> , <b>2011</b> , 32, 2004-12	15.6	21

93	KRAS and TP53 Cooperate to Induce Pancreatic Ductal Adenocarcinoma in <i>Sus scrofa</i> Pigs. <i>Scientific Reports</i> , <b>2018</b> , 8, 12548	4.9	19
92	Microfluidic platform for the study of intercellular communication via soluble factor-cell and cell-cell paracrine signaling. <i>Biomicrofluidics</i> , <b>2014</b> , 8, 044104	3.2	18
91	Oncopig Soft-Tissue Sarcomas Recapitulate Key Transcriptional Features of Human Sarcomas. <i>Scientific Reports</i> , <b>2017</b> , 7, 2624	4.9	17
90	Adaptive Evolution of Toll-Like Receptors (TLRs) in the Family Suidae. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124069	3.7	17
89	BoLA class I allele diversity and polymorphism in a herd of cattle. <i>Immunogenetics</i> , <b>2007</b> , 59, 167-76	3.2	17
88	Isolation and molecular characterization of the porcine transforming growth factor beta type I receptor (TGFBRI) gene. <i>Gene</i> , <b>2006</b> , 384, 62-72	3.8	17
87	Nutritional genomics: implications for companion animals. <i>Journal of Nutrition</i> , <b>2003</b> , 133, 3033-40	4.1	17
86	Comparative genomics of xenobiotic metabolism: a porcine-human PXR gene comparison. <i>Mammalian Genome</i> , <b>2007</b> , 18, 210-9	3.2	16
85	Age and diet affect gene expression profile in canine skeletal muscle. <i>PLoS ONE</i> , <b>2009</b> , 4, e4481	3.7	15
84	An improved pig reference genome sequence to enable pig genetics and genomics research		15
83	Comprehensive and high-resolution typing of swine leukocyte antigen DQA from genomic DNA and determination of 25 new SLA class II haplotypes. <i>Tissue Antigens</i> , <b>2012</b> , 80, 528-35		14
82	Detection and parameter estimation for quantitative trait loci using regression models and multiple markers. <i>Genetics Selection Evolution</i> , <b>2000</b> , 32, 357-81	4.9	14
81	Experimental pulmonary infection of mice by tracheal intubation of <i>Pseudomonas aeruginosa</i> : the use of antineoplastic agents to overcome natural resistance. <i>Canadian Journal of Microbiology</i> , <b>1977</b> , 23, 823-6	3.2	14
80	Molecular cloning and characterization of the porcine CD 18 leukocyte adhesion molecule. <i>Xenotransplantation</i> , <b>1996</b> , 3, 222-230	2.8	13
79	Augmented macrophage PGE2 production following exposure to dimethylnitrosamine in vivo: relevance to suppressed T cell responses. <i>Immunopharmacology</i> , <b>1989</b> , 18, 115-24		13
78	Characterization and expression of H-21 region gene products on bone marrow-derived macrophages. <i>European Journal of Immunology</i> , <b>1982</b> , 12, 991-7	6.1	13
77	Age and diet affect gene expression profiles in canine liver tissue. <i>PLoS ONE</i> , <b>2010</b> , 5, e13319	3.7	13
76	Emerging Technologies to Create Inducible and Genetically Defined Porcine Cancer Models. <i>Frontiers in Genetics</i> , <b>2016</b> , 7, 28	4.5	13

75	Large-scale sequencing based on full-length-enriched cDNA libraries in pigs: contribution to annotation of the pig genome draft sequence. <i>BMC Genomics</i> , <b>2012</b> , 13, 581	4.5	12
74	Association of the porcine transforming growth factor beta type I receptor (TGFB $\beta$ 1) gene with growth and carcass traits. <i>Animal Biotechnology</i> , <b>2012</b> , 23, 43-63	1.4	12
73	Latexin is down-regulated in hematopoietic malignancies and restoration of expression inhibits lymphoma growth. <i>PLoS ONE</i> , <b>2012</b> , 7, e44979	3.7	12
72	Imaging in real-time with FRET the redox response of tumorigenic cells to glutathione perturbations in a microscale flow. <i>Integrative Biology (United Kingdom)</i> , <b>2011</b> , 3, 208-17	3.7	12
71	Alteration of macrophage differentiation into accessory and effector cells from exposure to dimethylnitrosamine (DMN) in vivo. <i>Immunopharmacology</i> , <b>1986</b> , 12, 105-15		12
70	Genetically Induced Tumors in the Oncopig Model Invoke an Antitumor Immune Response Dominated by Cytotoxic CD8 $\beta$ T Cells and Differentiated $\beta$ T Cells Alongside a Regulatory Response Mediated by FOXP3 T Cells and Immunoregulatory Molecules. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1331	8.4	11
69	Regulation of MHC gene expression during the differentiation of bone marrow-derived macrophages. <i>Cellular Immunology</i> , <b>1989</b> , 121, 398-413	4.4	11
68	Induction and characterization of pancreatic cancer in a transgenic pig model. <i>PLoS ONE</i> , <b>2020</b> , 15, e0239391	3.7	11
67	Epigenetic clock and DNA methylation analysis of porcine models of aging and obesity. <i>GeroScience</i> , <b>2021</b> , 43, 2467-2483	8.9	11
66	Adipose tissue gene expression profiles of healthy young adult and geriatric dogs. <i>Archives of Animal Nutrition</i> , <b>2009</b> , 63, 160-71	2.7	10
65	Generation and exploration of a dense genetic map in a region of a QTL affecting corpora lutea in a Meishan x Yorkshire cross. <i>Mammalian Genome</i> , <b>2001</b> , 12, 719-23	3.2	10
64	The Oncopig Cancer Model as a Complementary Tool for Phenotypic Drug Discovery. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 894	5.6	9
63	Differential expression of novel genes by bone marrow-derived macrophage populations. <i>Molecular Immunology</i> , <b>1995</b> , 32, 733-42	4.3	9
62	Macrophage function in response to PGE $_2$ , L-arginine deprivation, and activation by colony-stimulating factors is dependent on hematopoietic stimulus. <i>Journal of Leukocyte Biology</i> , <b>1992</b> , 52, 228-35	6.5	9
61	Alteration of macrophage anti-tumor activity and transferrin receptor expression by exposure to dimethylnitrosamine in vivo. <i>Immunopharmacology</i> , <b>1987</b> , 13, 195-205		9
60	Modification of macrophage differentiation: dimethylnitrosamine induced alteration in the responses towards the regulatory signals controlling myelopoiesis. <i>International Journal of Immunopharmacology</i> , <b>1987</b> , 9, 817-25		9
59	Development and comprehensive characterization of porcine hepatocellular carcinoma for translational liver cancer investigation. <i>Oncotarget</i> , <b>2020</b> , 11, 2686-2701	3.3	9
58	Translating Human Cancer Sequences Into Personalized Porcine Cancer Models. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 105	5.3	8

57	Evolutionary Analyses and Natural Selection of Betaine-Homocysteine S-Methyltransferase (BHMT) and BHMT2 Genes. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134084	3.7	8
56	Molecular dissection of dimethylnitrosamine (DMN)-induced hepatotoxicity by mRNA differential display. <i>Toxicology and Applied Pharmacology</i> , <b>1998</b> , 150, 186-95	4.6	8
55	Characterization of the porcine ATM gene: towards the generation of a novel non-murine animal model for Ataxia-Telangiectasia. <i>Gene</i> , <b>2007</b> , 405, 27-35	3.8	8
54	In-vitro-derived bone marrow macrophages. Expression of Ia antigens during macrophage differentiation. <i>Transplantation</i> , <b>1984</b> , 37, 585-90	1.8	8
53	Characterization of an Inducible Alcoholic Liver Fibrosis Model for Hepatocellular Carcinoma Investigation in a Transgenic Porcine Tumorigenic Platform. <i>Journal of Vascular and Interventional Radiology</i> , <b>2018</b> , 29, 1194-1202.e1	2.4	7
52	Piggy-BACing the human genome I: constructing a porcine BAC physical map through comparative genomics. <i>Animal Biotechnology</i> , <b>2008</b> , 19, 28-42	1.4	7
51	Creating porcine biomedical models through recombineering. <i>Comparative and Functional Genomics</i> , <b>2004</b> , 5, 262-7		7
50	RFLP analysis of SLA haplotypes in Swiss large white and American Hampshire pigs using SLA class I and class II probes. <i>Animal Biotechnology</i> , <b>1991</b> , 2, 75-91	1.4	7
49	Transcriptional changes in macrophage TNF-alpha expression following dimethylnitrosamine exposure in vivo. <i>Immunopharmacology</i> , <b>1991</b> , 22, 27-37		7
48	Canine Nutritional Model: Influence of Age, Diet, and Genetics on Health and Well-Being. <i>Current Nutrition and Food Science</i> , <b>2006</b> , 2, 115-126	0.7	6
47	Induction of serum colony-stimulating activity (CSA) following dimethylnitrosamine (DMN) exposure: effects on macrophage differentiation. <i>Immunopharmacology</i> , <b>1989</b> , 18, 125-34		6
46	Gene expression profiles of colonic mucosa in healthy young adult and senior dogs. <i>PLoS ONE</i> , <b>2010</b> , 5, e12882	3.7	5
45	Inhibition of the exo- $\beta$ -1,4-glucanase from <i>Ruminococcus flavefaciens</i> FD-1 by a specific monoclonal antibody. <i>Enzyme and Microbial Technology</i> , <b>1994</b> , 16, 2-9	3.8	5
44	Porcine cancer models: potential tools to enhance cancer drug trials. <i>Expert Opinion on Drug Discovery</i> , <b>2020</b> , 15, 893-902	6.2	4
43	Altered Hippocampal Epigenetic Regulation Underlying Reduced Cognitive Development in Response to Early Life Environmental Insults. <i>Genes</i> , <b>2020</b> , 11,	4.2	4
42	Evidence for adaptation of porcine Toll-like receptors. <i>Immunogenetics</i> , <b>2016</b> , 68, 179-89	3.2	4
41	Evolutionary patterns of Toll-like receptor signaling pathway genes in the Suidae. <i>BMC Evolutionary Biology</i> , <b>2016</b> , 16, 33	3	4
40	Compression-based distance (CBD): a simple, rapid, and accurate method for microbiota composition comparison. <i>BMC Bioinformatics</i> , <b>2013</b> , 14, 136	3.6	4

39	Molecular characterization and analysis of the porcine betaine homocysteine methyltransferase and betaine homocysteine methyltransferase-2 genes. <i>Gene</i> , <b>2011</b> , 473, 133-8	3.8	4
38	An integrated RH map of porcine chromosome 10. <i>BMC Genomics</i> , <b>2009</b> , 10, 211	4.5	4
37	Directed isolation and mapping of microsatellites from swine Chromosome 1q telomeric region through microdissection and RH mapping. <i>Mammalian Genome</i> , <b>2001</b> , 12, 524-7	3.2	4
36	Porcine alveolar macrophage Mac-1 (CD11b/CD18) adhesion molecule expression. <i>Xenotransplantation</i> , <b>1996</b> , 3, 304-311	2.8	4
35	Transarterial Embolization of Liver Cancer in a Transgenic Pig Model. <i>Journal of Vascular and Interventional Radiology</i> , <b>2021</b> , 32, 510-517.e3	2.4	4
34	Genetically identical co-housed pigs as models for dietary studies of gut microbiomes <b>2014</b> , 1,		3
33	A Hydrogel Construct and Fibrin-based Glue Approach to Deliver Therapeutics in a Murine Myocardial Infarction Model. <i>Journal of Visualized Experiments</i> , <b>2015</b> , e52562	1.6	3
32	A viral induced ubiquitin-specific protease (Ubp) localized on porcine chromosome 5. <i>Mammalian Genome</i> , <b>2000</b> , 11, 340-1	3.2	3
31	Epigenetic clock and DNA methylation analysis of porcine models of aging and obesity		3
30	Generation of genetically tailored porcine liver cancer cells by CRISPR/Cas9 editing. <i>BioTechniques</i> , <b>2021</b> , 70, 37-48	2.5	3
29	TM4SF18 is aberrantly expressed in pancreatic cancer and regulates cell growth. <i>PLoS ONE</i> , <b>2019</b> , 14, e0211711	3.7	2
28	Ultrasound therapy applicators for controlled thermal modification of tissue <b>2011</b> ,		2
27	A high-resolution comparative map of porcine chromosome 4 (SSC4). <i>Animal Genetics</i> , <b>2011</b> , 42, 440-4	2.5	2
26	Designs of reference families for the construction of genetic linkage maps. <i>Animal Biotechnology</i> , <b>1998</b> , 9, 205-28	1.4	2
25	Integrated Strategies and Methodologies for the Genetic Improvement of Animals. <i>Journal of Dairy Science</i> , <b>1990</b> , 73, 2647-2656	4	2
24	Abstract 1573: An inducible transgenic porcine model for human cancer. <b>2013</b> ,		2
23	Catalytic microgelators for decoupled control of gelation rate and rigidity of the biological gels. <i>Journal of Controlled Release</i> , <b>2020</b> , 317, 166-180	11.7	2
22	Splicing variants of the porcine betaine-homocysteine S-methyltransferase gene: implications for mammalian metabolism. <i>Gene</i> , <b>2013</b> , 529, 228-37	3.8	1

21	Harvesting the genomic promise: recombining sequences for phenotypes. <i>Animal Biotechnology</i> , <b>2003</b> , 14, 103-18	1.4	1
20	Utilization of polymerase chain reaction for clonal analysis of gene expression. <i>Methods in Molecular Biology</i> , <b>1993</b> , 15, 199-204	1.4	1
19	Symposium on Macrophage-Xenobiotic Interactions: Modulation of Toxicity and Macrophage Functions. <i>Toxicological Sciences</i> , <b>1991</b> , 17, 1-6	4.4	1
18	Characterization of the major histocompatibility complex genes and their products. <i>Clinical Immunology Newsletter</i> , <b>1985</b> , 6, 81-84		1
17	Mapping Genes for Resistance to Infectious Diseases in Animals <b>2020</b> , 283-303		1
16	Dimethylnitrosamine-Associated Inflammation: Induction of Cytokines Affecting Macrophage Differentiation and Functions <b>1994</b> , 173-192		1
15	Characterization of porcine betaine homocysteine methyltransferase (BHMT) and betaine homocysteine methyltransferase-2 (BHMT2) genes. <i>FASEB Journal</i> , <b>2009</b> , 23, 738.7	0.9	1
14	Transcriptional regulation of alcohol induced liver fibrosis in a translational porcine hepatocellular carcinoma model. <i>Biochimie</i> , <b>2021</b> , 182, 73-84	4.6	1
13	Transcriptional Profiling of Porcine HCC Xenografts Provides Insights Into Tumor Cell Microenvironment Signaling. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 657330	4.5	1
12	Perspective: Humanized Pig Models of Bladder Cancer. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 681044	4.6	1
11	Design, Synthesis, and Characterization of Globular Orphan Nuclear Receptor Regulator with Biological Activity in Soft Tissue Sarcoma. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 10739-10752	8.3	1
10	Swine models for translational oncological research: an evolving landscape and regulatory considerations. <i>Mammalian Genome</i> , <b>2021</b> , 1	3.2	0
9	Characteristics and Unmet Clinical Needs Related to Hepatocellular Carcinoma. <i>Digestive Disease Interventions</i> , <b>2017</b> , 01, 074-082	0.2	
8	Advances in Animal Biotechnology <b>2014</b> , 1-16		
7	Current and potential applications of DNA probes in the clinical immunology laboratory. <i>Clinical Immunology Newsletter</i> , <b>1988</b> , 9, 91-93		
6	Harvesting the Swine Genome: A Roadmap for Quantitative Trait Loci (QTL) Analysis. <i>Journal of Animal Genetics</i> , <b>2004</b> , 31, 2-21		
5	A Novel Porcine Model of Atherosclerosis. <i>FASEB Journal</i> , <b>2006</b> , 20, A207	0.9	
4	A Genetically Defined Porcine Model of Tumorigenesis. <i>FASEB Journal</i> , <b>2006</b> , 20, A217	0.9	

- 3 Classical Improvement and Molecular Genetics in Swine Production: From Marker to Market. *The Journal of Animal Genetics*, **1999**, 27, 15-28
- 2 Characterization of bone marrow derived macrophage as Ia-bearing accessory cells. *Advances in Experimental Medicine and Biology*, **1982**, 149, 429-33 3.6
- 1 Regulation of MHC Class II and Interleukin-1 Gene Expression in Differentiating Macrophages **1987**, 283-296