Igor Splichal

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The order of immunoglobulin light chain l̂º and l̂» usage in primary and secondary lymphoid tissues of germ-free and conventional piglets. Developmental and Comparative Immunology, 2022, 131, 104392.	2.3	4
2	Monoassociation of Preterm Germ-Free Piglets with Bifidobacterium animalis Subsp. lactis BB-12 and Its Impact on Infection with Salmonella Typhimurium. Biomedicines, 2021, 9, 183.	3.2	6
3	High Mobility Group Box 1 in Pig Amniotic Membrane Experimentally Infected with E. coli O55. Biomolecules, 2021, 11, 1146.	4.0	4
4	Toll-Like Receptor 4 Signaling in the Ileum and Colon of Gnotobiotic Piglets Infected with Salmonella Typhimurium or Its Isogenic â^†rfa Mutants. Toxins, 2020, 12, 545.	3.4	8
5	Colonization of Germ-Free Piglets with Mucinolytic and Non-Mucinolytic Bifidobacterium boum Strains Isolated from the Intestine of Wild Boar and Their Interference with Salmonella Typhimurium. Microorganisms, 2020, 8, 2002.	3.6	7
6	Colonization of Germ-Free Piglets with Commensal Lactobacillus amylovorus, Lactobacillus mucosae, and Probiotic E. coli Nissle 1917 and Their Interference with Salmonella Typhimurium. Microorganisms, 2019, 7, 273.	3.6	12
7	Impact of the Lipopolysaccharide Chemotype of Salmonella Enterica Serovar Typhimurium on Virulence in Gnotobiotic Piglets. Toxins, 2019, 11, 534.	3.4	8
8	High Mobility Group Box 1 and TLR4 Signaling Pathway in Gnotobiotic Piglets Colonized/Infected with L. amylovorus, L. mucosae, E. coli Nissle 1917 and S. Typhimurium. International Journal of Molecular Sciences, 2019, 20, 6294.	4.1	13
9	Colonization of preterm gnotobiotic piglets with probiotic <i>Lactobacillus rhamnosus</i> GG and its interference with <i>Salmonella</i> Typhimurium. Clinical and Experimental Immunology, 2019, 195, 381-394.	2.6	21
10	Experimental Enteric Bacterial Infections in Pigs. Journal of Infectious Diseases, 2018, 218, 504-505.	4.0	7
11	Preterm Life in Sterile Conditions: A Study on Preterm, Germ-Free Piglets. Frontiers in Immunology, 2018, 9, 220.	4.8	25
12	172. Cytokine, 2014, 70, 69.	3.2	0
13	A modified MacConkey agar for selective enumeration of necrotoxigenic E. coli O55 and probiotic E. coli Nissle 1917. Journal of Microbiological Methods, 2014, 104, 82-86.	1.6	4
14	Crohn's Disease: a Role of Gut Microbiota and Nod2 Gene Polymorphisms in Disease Pathogenesis. Acta Medica (Hradec Kralove), 2014, 57, 89-96.	0.5	2
15	The Effect of Immunosuppression on Manifestations of Sepsis in an Animal Model of Cecal Ligation and Puncture. Transplantation Proceedings, 2013, 45, 770-777.	0.6	12
16	Development of Allele-Specific Primer PCR for a Swine TLR2 SNP and Comparison of the Frequency among Several Pig Breeds of Japan and the Czech Republic. Journal of Veterinary Medical Science, 2012, 74, 553-559.	0.9	3
17	Local and systemic occurrences of HMGB1 in gnotobiotic piglets infected with E. coli O55 are related to bacterial translocation and inflammatory cytokines. Cytokine, 2012, 60, 597-600.	3.2	16
18	Alleleâ€specific primer polymerase chain reaction for a single nucleotide polymorphism (C1205T) of swine Tollâ€like receptor 5 and comparison of the allelic frequency among several pig breeds in Japan and the Czech Republic. Microbiology and Immunology, 2012, 56, 385-391.	1.4	3

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19	Interference of <i>Bifidobacterium choerinum</i> or <i>Escherichia coli</i> Nissle 1917 with <i>Salmonella</i> Typhimurium in gnotobiotic piglets correlates with cytokine patterns in blood and intestine. Clinical and Experimental Immunology, 2011, 163, 242-249.	2.6	37
20	Growth of bifidobacteria and clostridia on human and cow milk saccharides. Anaerobe, 2011, 17, 223-225.	2.1	17
21	Alarmin HMGB1 Is Released in the Small Intestine of Gnotobiotic Piglets Infected with Enteric Pathogens and Its Level in Plasma Reflects Severity of Sepsis. Journal of Clinical Immunology, 2011, 31, 488-497.	3.8	21
22	Innate immune response in the gut against Salmonella — review. Folia Microbiologica, 2010, 55, 295-300.	2.3	7
23	Susceptibility of bifidobacteria to lysozyme as a possible selection criterion for probiotic bifidobacterial strains. Biotechnology Letters, 2010, 32, 451-455.	2.2	28
24	Modulation of natural immunity in the gut by Escherichia coli strain Nissle 1917. Nutrition Reviews, 2010, 68, 459-464.	5.8	59
25	Cross-talk of human gut with bifidobacteria. Nutrition Reviews, 2009, 67, 77-82.	5.8	39
26	The piglet as a model for B cell and immune system development. Veterinary Immunology and Immunopathology, 2009, 128, 147-170.	1.2	116
27	Cytokine response to Escherichia coli in gnotobiotic pigs. Folia Microbiologica, 2008, 53, 161-4.	2.3	0
28	Susceptibility of germ-free pigs to challenge with protease mutants of Salmonella enterica serovar Typhimurium. Immunobiology, 2007, 212, 577-582.	1.9	8
29	Attenuated aroA Salmonella enterica serovar Typhimurium does not induce inflammatory response and early protection of gnotobiotic pigs against parental virulent LT2 strain. Vaccine, 2006, 24, 4285-4289.	3.8	16
30	Effect of bacterial monoassociation on brush-border enzyme activities in ex-germ-free piglets: comparison of commensal and pathogenic Escherichia coli strains. Microbes and Infection, 2006, 8, 2629-2639.	1.9	38
31	Probiotics manipulate host cytokine response and induce antimicrobial peptides. Folia Microbiologica, 2006, 51, 507-510.	2.3	33
32	Effect of Bacterial Virulence on IL-18 Expression in the Amnion Infected with Escherichia coli. American Journal of Reproductive Immunology, 2005, 53, 255-260.	1.2	6
33	Protection of gnotobiotic pigs against Salmonella enterica serotype Typhimurium by rough mutant of the same serotype is accompanied by the change of local and systemic cytokine response. Veterinary Immunology and Immunopathology, 2005, 103, 155-161.	1.2	22
34	The effect of intestinal colonization of germ-free pigs with Escherichia coli on calprotectin levels in plasma, intestinal and bronchoalveolar lavages. Immunobiology, 2005, 209, 681-687.	1.9	28
35	Expression of inflammatory markers in pig amnion after intraamniotic infection with nonpathogenic or enteropathogenicEscherichia coli. Folia Microbiologica, 2004, 49, 751-756.	2.3	10
36	Systemic and local cytokine response of young piglets to oral infection withSalmonella enterica serotype typhimurium. Folia Microbiologica, 2003, 48, 403-407.	2.3	10

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37	Development and Application of a Pig IL-8 ELISA Detection System. Journal of Immunoassay and Immunochemistry, 2003, 24, 219-232.	1.1	5
38	Lipopolysaccharide induces inflammatory cytokines in the pig amnion. Veterinary Immunology and Immunopathology, 2002, 87, 11-18.	1.2	16
39	Plasma lipopolysaccharide level and enterocyte brush border enzymes in gnotobiotic piglets infected with Salmonella typhimurium. Veterinarni Medicina, 2002, 47, 289-294.	0.6	0
40	Early cytokine response of gnotobiotic piglets to Salmonella enterica serotype Typhimurium. Veterinary Research, 2002, 33, 291-297.	3.0	26
41	Escherichia coli administered into pig amniotic cavity appear in fetal airways and attract macrophages into fetal lungs. Physiological Research, 2002, 51, 523-8.	0.9	13
42	Cytokines and other important inflammatory mediators in gestation and bacterial intraamniotic infections. Folia Microbiologica, 2001, 46, 345-351.	2.3	21
43	Nitric oxide metabolites in gnotobiotic piglets orally infected withSalmonella enterica serovar Typhimurium. Folia Microbiologica, 2001, 46, 353-358.	2.3	11
44	Effect of controlled antigenic stimulation on lymphocyte subsets in pigs and pig fetuses. Folia Microbiologica, 1998, 43, 513-516.	2.3	4
45	Prenatal ontogeny of lymphocyte subpopulations in pigs. Immunology, 1998, 95, 595-603.	4.4	63
46	Absence of porcine interferon alpha secreting cells in severe combined immunodeficiency (SCID) mice inoculated with porcine leukocytes. Veterinary Research, 1998, 29, 567-72.	3.0	1
47	In vivo study of interferon-alpha-secreting cells in pig foetal lymphohaematopoietic organs following in utero TGEV coronavirus injection. Research in Immunology, 1997, 148, 247-256.	0.9	12
48	Bacterial Immunomodulators Affect Programmed Cell Death of Mouse Spleen Lymphocytes. Annals of the New York Academy of Sciences, 1997, 815, 492-495.	3.8	1
49	Immunomodulatory effects ofBacillus firmus. Folia Microbiologica, 1997, 42, 403-408.	2.3	4
50	Pathogenicity and protective effect of rough mutants of Salmonella species in germ-free piglets. Infection and Immunity, 1997, 65, 5238-5243.	2.2	29
51	Cellular changes and cytokine expression in the ilea of gnotobiotic piglets resulting from peroral Salmonella typhimurium challenge. Infection and Immunity, 1997, 65, 5244-5249.	2.2	21
52	Early ontogeny of immune cells and their functions in the fetal pig. Veterinary Immunology and Immunopathology, 1996, 54, 75-81.	1.2	22
53	Thymic B cells of pig fetuses and germâ€free pigs spontaneously produce IgM, IgG and IgA: detection by ELISPOT method. Immunology, 1996, 87, 487-492.	4.4	45
54	lsotype and antibody specificity of spontaneously formed immunoglobulins in pig fetuses and germâ€free piglets: production by CD5 â^' B cells. Immunology, 1996, 88, 611-617.	4.4	43

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55	Intrauterine immunization. , 1996, , 1547-1549.		0
56	Expression of TNF-α in pig fetal cells stimulatedin Vitro. Folia Microbiologica, 1995, 40, 417-420.	2.3	6
57	Polyclonal immunoglobulin response of thymic, hepatic and splenic lymphocytes from fetal, germ-free and conventionally reared pigs to different B-cell activators. Folia Microbiologica, 1995, 40, 421-430.	2.3	9
58	Embryonic Liver: Diversification Site of Lymphocyte Lineages. Advances in Experimental Medicine and Biology, 1995, 371A, 403-405.	1.6	3
59	Stimulation of Intestinal Immune Cells By E. coli in Gnotobiotic Piglets. Advances in Experimental Medicine and Biology, 1995, 371A, 463-464.	1.6	14
60	Stimulation of Galt by Nocardia Delipidated Cell Mitogen (NDCM) in Irradiated Germfree Piglets. Advances in Experimental Medicine and Biology, 1995, 371A, 489-492.	1.6	0
61	Distribution of gamma delta T cells in the pig foetus. Folia Biologica, 1995, 41, 227-37.	0.6	1
62	Treatment of radiation disease by Nocardia fraction: Possible effect of inflammatory cytokines. International Journal of Immunopharmacology, 1994, 16, 481-485.	1.1	8
63	Ontogeny of interferon alpha secreting cells in the porcine fetal hematopoietic organs. Immunology Letters, 1994, 43, 203-208.	2.5	20
64	Prenatal expression of the 65-kDa heat-shock protein homologue in pig tissues. Folia Microbiologica, 1993, 38, 242-244.	2.3	0
65	Induction of inflammatory cytokines by Nocardia fractions. Folia Biologica, 1993, 39, 243-9.	0.6	4