

Acute colitis induced by dextran sulfate sodium progresses  
not in BALB/c mice: correlation between symptoms and

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Experimental models of inflammatory bowel disease reveal innate, adaptive, and regulatory mechanisms of host dialogue with the microbiota. <i>Immunological Reviews</i> , 2005, 206, 260-276.	2.8	449
2	Local production of chemokines and prostaglandin E2 in the acute, chronic and recovery phase of murine experimental colitis. <i>Cytokine</i> , 2006, 35, 275-283.	1.4	43
3	Interferon-gamma is causatively involved in experimental inflammatory bowel disease in mice. <i>Clinical and Experimental Immunology</i> , 2006, 146, 330-338.	1.1	299
4	Effect of DSS-induced colitis on visceral sensitivity to colorectal distension in mice. <i>Neurogastroenterology and Motility</i> , 2006, 18, 144-152.	1.6	51
5	Magnetic resonance imaging of experimental mouse colitis and association with inflammatory activity. <i>Inflammatory Bowel Diseases</i> , 2006, 12, 478-485.	0.9	48
6	<i>Propionibacterium freudenreichii</i> component 1,4-dihydroxy-2-naphthoic acid (DHNA) attenuates dextran sodium sulphate induced colitis by modulation of bacterial flora and lymphocyte homing. <i>Gut</i> , 2006, 55, 681-688.	6.1	72
7	Epithelial Toll-Like Receptor 5 Is Constitutively Localized in the Mouse Cecum and Exhibits Distinctive Down-Regulation during Experimental Colitis. <i>Vaccine Journal</i> , 2006, 13, 132-138.	3.2	52
8	Genetic Deletion of JNK1 and JNK2 Aggravates the DSS-Induced Colitis in Mice. <i>Journal of Investigative Surgery</i> , 2007, 20, 23-33.	0.6	32
9	The Transdifferentiation of Bone-Marrow-Derived Cells in Colonic Mucosal Regeneration after Dextran-Sulfate-Sodium-Induced Colitis in Mice. <i>Pharmacology</i> , 2007, 80, 193-199.	0.9	38
10	Infection with a Helminth Parasite Prevents Experimental Colitis via a Macrophage-Mediated Mechanism. <i>Journal of Immunology</i> , 2007, 178, 4557-4566.	0.4	266
11	Mice with experimental colitis show an altered metabolism with decreased metabolic rate. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G165-G172.	1.6	39
12	High-throughput magnetic resonance imaging in murine colonic inflammation. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 1102-1107.	1.0	22
13	Murine Microvideo Endoscopy of the Colonic Microcirculation. <i>Journal of Surgical Research</i> , 2007, 142, 97-103.	0.8	7
14	Oral Administration of Taurolidine Ameliorates Chronic DSS Colitis in Mice. <i>Journal of Investigative Surgery</i> , 2007, 20, 273-282.	0.6	8
15	Anti-inflammatory effects of <i>Lactobacillus casei</i> BL23 producing or not a manganese-dependant catalase on DSS-induced colitis in mice. <i>Microbial Cell Factories</i> , 2007, 6, 22.	1.9	109
16	Deacetylase inhibition promotes the generation and function of regulatory T cells. <i>Nature Medicine</i> , 2007, 13, 1299-1307.	15.2	835
17	Dextran Sulfate Sodium-induced Colitis Generates a Transient Thymic Involution ? Impact on Thymocyte Subsets. <i>Scandinavian Journal of Immunology</i> , 2007, 65, 421-429.	1.3	27
18	Mouse strain differences in inflammatory responses of colonic mucosa induced by dextran sulfate sodium cause differential susceptibility to PhIP-induced large bowel carcinogenesis. <i>Cancer Science</i> , 2007, 98, 1157-1163.	1.7	21

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19	Radiation-induced apoptosis along with local and systemic cytokine elaboration is associated with DC plus radiotherapy-mediated renal cell tumor regression. <i>Clinical Immunology</i> , 2007, 123, 298-310.	1.4	25
20	Mast cells and nerves tickle in the tummy. , 2007, 116, 207-235.		95
21	The Role of Zinc and Metallothionein in the Dextran Sulfate Sodium-Induced Colitis Mouse Model. <i>Digestive Diseases and Sciences</i> , 2007, 52, 2113-2121.	1.1	62
22	Effects of <i>Lactobacillus salivarius</i> 433118 on Intestinal Inflammation, Immunity Status and In Vitro Colon Function in Two Mouse Models of Inflammatory Bowel Disease. <i>Digestive Diseases and Sciences</i> , 2008, 53, 2495-2506.	1.1	40
23	Protective Roles of $\beta$ -Calcitonin and $\beta^2$ -Calcitonin Gene-Related Peptide in Spontaneous and Experimentally Induced Colitis. <i>Digestive Diseases and Sciences</i> , 2008, 53, 229-241.	1.1	33
24	Granulocyte macrophage colony-stimulating factor ameliorates DSS-induced experimental colitis. <i>Inflammatory Bowel Diseases</i> , 2008, 14, 88-99.	0.9	120
25	Predicting and monitoring colitis development in mice by micro-computed tomography. <i>Inflammatory Bowel Diseases</i> , 2008, 14, 491-499.	0.9	15
26	Serum biomarkers in a mouse model of bacterial-induced inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 2008, 14, 480-490.	0.9	30
27	Lack of colonic inflammation-induced acute visceral hypersensitivity to colorectal distension in Na <sup>v</sup> 1.9 knockout mice. <i>European Journal of Pain</i> , 2008, 12, 934-944.	1.4	37
28	Inhibitory Effect of Recombinant IL-25 on the Development of Dextran Sulfate Sodium-Induced Experimental Colitis in Mice. <i>Cellular and Molecular Immunology</i> , 2008, 5, 425-431.	4.8	49
29	Oral IL-10 gene delivery in a microsphere-based formulation for local transfection and therapeutic efficacy in inflammatory bowel disease. <i>Gene Therapy</i> , 2008, 15, 1200-1209.	2.3	119
30	Anti-inflammatory effects of phytosteryl ferulates in colitis induced by dextran sulphate sodium in mice. <i>British Journal of Pharmacology</i> , 2008, 154, 812-824.	2.7	191
31	Acute colonic ischaemia in rats results in long-term structural changes without alterations of colonic sensitivity. <i>International Journal of Experimental Pathology</i> , 2008, 89, 476-489.	0.6	9
32	Intestinal, adipose, and liver inflammation in diet-induced obese mice. <i>Metabolism: Clinical and Experimental</i> , 2008, 57, 1704-1710.	1.5	87
33	The application and relevance of ex vivo culture systems for assessment of IBD treatment in murine models of colitis. <i>Pharmacological Research</i> , 2008, 58, 222-231.	3.1	14
34	Regulation of Gut Inflammation and Th17 Cell Response by Interleukin-21. <i>Gastroenterology</i> , 2008, 134, 1038-1048.e2.	0.6	244
35	Dextran sulphate sodium induces acute colitis and alters hepatic function in hamsters. <i>International Immunopharmacology</i> , 2008, 8, 20-27.	1.7	26
36	Validation of murine dextran sulfate sodium-induced colitis using four therapeutic agents for human inflammatory bowel disease. <i>International Immunopharmacology</i> , 2008, 8, 836-844.	1.7	169

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37	Dextran sodium sulfate-induced colitis causes rapid bone loss in mice. <i>Bone</i> , 2008, 43, 945-950.	1.4	38
38	Intra-colonic administration of the TLR7 agonist R-848 induces an acute local and systemic inflammation in mice. <i>Biochemical and Biophysical Research Communications</i> , 2008, 367, 242-248.	1.0	14
39	Involvement of IL-17A in the pathogenesis of DSS-induced colitis in mice. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 12-16.	1.0	216
40	Recombinant human granulocyte colony-stimulating factor reduces colonic epithelial cell apoptosis and ameliorates murine dextran sulfate sodium-induced colitis. <i>Scandinavian Journal of Gastroenterology</i> , 2008, 43, 689-697.	0.6	27
41	Regulation of inflammatory responses by IL-17F. <i>Journal of Experimental Medicine</i> , 2008, 205, 1063-1075.	4.2	690
42	Suppressor of cytokine signaling-1 ameliorates dextran sulfate sodium-induced colitis in mice. <i>International Immunology</i> , 2008, 20, 753-762.	1.8	76
43	Hyperosmotic stress contributes to mouse colonic inflammation through the methylation of protein phosphatase 2A. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, G934-G941.	1.6	37
44	Matrix metalloproteinase-7 (matrilysin) controls neutrophil egress by generating chemokine gradients. <i>Journal of Leukocyte Biology</i> , 2008, 83, 1404-1412.	1.5	63
45	Reduced Colitis-Associated Colon Cancer in <i>Fat-1</i> ( <i>n</i> -3 Fatty Acid Desaturase) Transgenic Mice. <i>Cancer Research</i> , 2008, 68, 3985-3991.	0.4	124
46	RAGE, carboxylated glycans and S100A8/A9 play essential roles in colitis-associated carcinogenesis. <i>Carcinogenesis</i> , 2008, 29, 2035-2043.	1.3	267
47	Increased CYP4B1 mRNA Is Associated with the Inhibition of Dextran Sulfate Sodium-Induced Colitis by Caffeic Acid in Mice. <i>Experimental Biology and Medicine</i> , 2009, 234, 605-616.	1.1	63
48	Lineage-Specific T-Cell Responses to Cancer Mucosa Antigen Oppose Systemic Metastases without Mucosal Inflammatory Disease. <i>Cancer Research</i> , 2009, 69, 3537-3544.	0.4	35
49	Gender dependent importance of IRAK-1 in dextran sulfate sodium induced colitis. <i>Cellular Immunology</i> , 2009, 259, 27-32.	1.4	13
50	Progression and variability of TNBS colitis-associated inflammation in rats assessed by contrast-enhanced and T2-weighted MRI. <i>Inflammatory Bowel Diseases</i> , 2009, 15, 534-545.	0.9	16
51	Therapeutic potential of hen egg white peptides for the treatment of intestinal inflammation. <i>Journal of Functional Foods</i> , 2009, 1, 161-169.	1.6	47
52	Absence of stearoyl-CoA desaturase-1 does not promote DSS-induced acute colitis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009, 1791, 1166-1172.	1.2	12
53	Methods of Inducing Inflammatory Bowel Disease in Mice. <i>Current Protocols in Pharmacology</i> , 2009, 47, Unit5.58.	4.0	48
54	Dysfunction in ABCB1A Has Only a Weak Effect on Susceptibility to Dextran Sulfate Sodium-Induced Colitis in SAM Strains. <i>Experimental Animals</i> , 2009, 58, 421-425.	0.7	1

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55	Amelioration of Dextran Sulfate Sodium-induced Chronic Colitis by Sulfasalazine Salicylazosulfapyridine &lt;i>via</i>; Reducing NF- $\kappa$ B Transcription Factor p65 Recruitment to ICAM-1 Gene Promoters. <i>Yakugaku Zasshi</i> , 2010, 130, 1239-1249.	0.0	13
56	Effects of co-treatment of dextran sulfate sodium and MelQx on genotoxicity and possible carcinogenicity in the colon of p53-deficient mice. <i>Journal of Toxicological Sciences</i> , 2010, 35, 731-741.	0.7	7
57	TJN-419 Improves Dextran Sulfate Sodium-Induced Colitis via Inhibition of Interleukin-12 Release. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 84-90.	0.6	2
58	Differential dose effects of recombinant IL-25 on the development of dextran sulfate sodium-induced colitis. <i>Inflammation Research</i> , 2010, 59, 879-887.	1.6	12
59	Dietary supplementation of resveratrol attenuates chronic colonic inflammation in mice. <i>European Journal of Pharmacology</i> , 2010, 633, 78-84.	1.7	189
60	Epithelial vanin-1 controls inflammation-driven carcinogenesis in the colitis-associated colon cancer model. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 96-104.	0.9	51
61	Granulocyte-macrophage colony-stimulating factor elicits bone marrow-derived cells that promote efficient colonic mucosal healing. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 428-441.	0.9	70
62	IL-1 receptor-associated kinase M downregulates DSS-induced colitis. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 1778-1786.	0.9	27
63	Dextran sulfate sodium leads to chronic colitis and pathological angiogenesis in endoglin heterozygous mice. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 1859-1870.	0.9	34
64	The Role of T cell PPAR $\gamma$ in mice with experimental inflammatory bowel disease. <i>BMC Gastroenterology</i> , 2010, 10, 60.	0.8	70
65	Use of bioluminescence imaging to track neutrophil migration and its inhibition in experimental colitis. <i>Clinical and Experimental Immunology</i> , 2010, 162, 188-196.	1.1	30
66	<i>Atm</i> -Deficient Mice Exhibit Increased Sensitivity to Dextran Sulfate Sodium-Induced Colitis Characterized by Elevated DNA Damage and Persistent Immune Activation. <i>Cancer Research</i> , 2010, 70, 1875-1884.	0.4	55
67	Technical Advance: Function and efficacy of an $\alpha$ 4-integrin antagonist using bioluminescence imaging to detect leukocyte trafficking in murine experimental colitis. <i>Journal of Leukocyte Biology</i> , 2010, 88, 1271-1278.	1.5	14
68	Effects of Fructo-Oligosaccharide on DSS-Induced Colitis Differ in Mice Fed Nonpurified and Purified Diets. <i>Journal of Nutrition</i> , 2010, 140, 2121-2127.	1.3	35
69	Physiologically Based Pharmacokinetics of Molecular Imaging Nanoparticles for mRNA Detection Determined in Tumor-Bearing Mice. <i>Oligonucleotides</i> , 2010, 20, 117-125.	2.7	23
70	Targeting the proteasome: partial inhibition of the proteasome by bortezomib or deletion of the immunosubunit LMP7 attenuates experimental colitis. <i>Gut</i> , 2010, 59, 896-906.	6.1	150
71	Colitis-Associated Cancer Is Dependent on the Interplay between the Hemostatic and Inflammatory Systems and Supported by Integrin $\alpha$ 2 Engagement of Fibrinogen. <i>Cancer Research</i> , 2010, 70, 2634-2643.	0.4	149
72	Neurogenic contraction of mouse rectum via the cyclooxygenase pathway: Changes of PGE2-induced contraction with dextran sulfate sodium-induced colitis. <i>Pharmacological Research</i> , 2010, 61, 48-57.	3.1	6

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73	Inhibition of HDAC9 Increases T Regulatory Cell Function and Prevents Colitis in Mice. <i>Gastroenterology</i> , 2010, 138, 583-594.	0.6	209
74	Effect of sophoridine on dextran sulfate sodium-induced colitis in C57BL/6 mice. <i>Journal of Asian Natural Products Research</i> , 2010, 12, 925-933.	0.7	25
75	Interleukin-1 $\beta$ Mediates the Extra-Intestinal Thrombosis Associated with Experimental Colitis. <i>American Journal of Pathology</i> , 2010, 177, 2774-2781.	1.9	36
76	Distinct role of T helper Type 17 immune response for Graves' hyperthyroidism in mice with different genetic backgrounds. <i>Autoimmunity</i> , 2011, 44, 159-165.	1.2	29
77	Dual TNF- $\alpha$ /Cyclin D1 Gene Silencing With an Oral Polymeric Microparticle System as a Novel Strategy for the Treatment of Inflammatory Bowel Disease. <i>Clinical and Translational Gastroenterology</i> , 2011, 2, e2.	1.3	61
78	IL-10 $\alpha$ -Producing Regulatory B10 Cells Inhibit Intestinal Injury in a Mouse Model. <i>American Journal of Pathology</i> , 2011, 178, 735-743.	1.9	172
79	Novel components of the human metabolome: The identification, characterization and anti-inflammatory activity of two 5-androstene tetrols. <i>Steroids</i> , 2011, 76, 145-155.	0.8	15
80	FAK Regulates Intestinal Epithelial Cell Survival and Proliferation during Mucosal Wound Healing. <i>PLoS ONE</i> , 2011, 6, e23123.	1.1	57
81	Tacrolimus Ameliorates Dextran Sulfate Sodium-Induced Colitis in Mice: Implication of Interferon- $\gamma$ and Interleukin-1 $\beta$ Suppression. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 1823-1827.	0.6	7
82	Physiological stress exacerbates murine colitis by enhancing proinflammatory cytokine expression that is dependent on IL-18. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, G555-G564.	1.6	25
83	Chronic colitis induces expression of $\beta$ -defensins in murine intestinal epithelial cells. <i>Clinical and Experimental Immunology</i> , 2010, 163, 123-130.	1.1	35
84	Methyl deficient diet aggravates experimental colitis in rats. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 2486-2497.	1.6	31
85	Nox2 and Nox4 mediate tumour necrosis factor- $\alpha$ -induced ventricular remodelling in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 2601-2613.	1.6	26
86	Oral TNF- $\alpha$ gene silencing using a polymeric microsphere-based delivery system for the treatment of inflammatory bowel disease. <i>Journal of Controlled Release</i> , 2011, 150, 77-86.	4.8	157
87	Efficacy of Hyperimmunized Plasma in the Treatment of Horses with Acute Colitis. <i>Journal of Equine Veterinary Science</i> , 2011, 31, 19-25.	0.4	1
88	Analysis of intestinal fibrosis in chronic colitis in mice induced by dextran sulfate sodium. <i>Pathology International</i> , 2011, 61, 228-238.	0.6	61
89	Induction and Activation of Adaptive Immune Populations During Acute and Chronic Phases of a Murine Model of Experimental Colitis. <i>Digestive Diseases and Sciences</i> , 2011, 56, 79-89.	1.1	88
90	Protective effect of total alkaloids of <i>Sophora alopecuroides</i> on dextran sulfate sodium-induced chronic colitis. <i>Chinese Journal of Integrative Medicine</i> , 2011, 17, 616-624.	0.7	15

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91	Pretreatment with Interferon- $\beta$ Enhances the Therapeutic Activity of Mesenchymal Stromal Cells in Animal Models of Colitis. <i>Stem Cells</i> , 2011, 29, 1549-1558.	1.4	287
92	Lessons from probiotic-host interaction studies in murine models of experimental colitis. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1441-1453.	1.5	38
93	Heat-killed body of lactobacillus brevis SBC8803 ameliorates intestinal injury in a murine model of colitis by enhancing the intestinal barrier function. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 2235-2250.	0.9	94
94	Antimouse CD52 monoclonal antibody inhibits established spontaneous colitis in IL-10-deficient mice. <i>Inflammatory Bowel Diseases</i> , 2011, 17, E72-E73.	0.9	5
95	Cox-2 expression, PGE2 and cytokines production are inhibited by endogenously synthesized n-3 PUFAs in inflamed colon of fat-1 mice. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 360-365.	1.9	62
96	Dietary fish oil and curcumin combine to modulate colonic cytokinetics and gene expression in dextran sodium sulphate-treated mice. <i>British Journal of Nutrition</i> , 2011, 106, 519-529.	1.2	54
97	Beneficial Effect of Glatiramer Acetate Treatment on Syndecan-1 Expression in Dextran Sodium Sulfate Colitis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 337, 391-399.	1.3	9
98	Histone Deacetylase 6 and Heat Shock Protein 90 Control the Functions of Foxp3 <sup>+</sup> T-Regulatory Cells. <i>Molecular and Cellular Biology</i> , 2011, 31, 2066-2078.	1.1	216
99	S100A8/A9 Activate Key Genes and Pathways in Colon Tumor Progression. <i>Molecular Cancer Research</i> , 2011, 9, 133-148.	1.5	301
100	High-sensitivity O-glycomic analysis of mice deficient in core 2 $\beta$ 1,6-N-acetylglucosaminyltransferases. <i>Glycobiology</i> , 2011, 21, 82-98.	1.3	44
101	Dextran Sulfate Sodium Inhibits Alanine Synthesis in Caco-2 Cells. <i>International Journal of Molecular Sciences</i> , 2011, 12, 2325-2335.	1.8	1
102	Animal Models of Human Pathology 2012. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-2.	3.0	2
103	Dextran Sodium Sulphate Colitis Mouse Model: Traps and Tricks. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-13.	3.0	665
104	Enhanced production of early lineages of monocytic and granulocytic cells in mice with colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16594-16599.	3.3	25
105	The role of hyperosmotic stress in inflammation and disease. <i>Biomolecular Concepts</i> , 2012, 3, 345-364.	1.0	213
106	Increased wall thickness using ultrasonography is associated with inflammation in an animal model of experimental colitis. <i>Clinical and Experimental Gastroenterology</i> , 2012, 5, 195.	1.0	8
107	Fusion of intestinal epithelial cells with bone marrow derived cells is dispensable for tissue homeostasis. <i>Scientific Reports</i> , 2012, 2, 271.	1.6	17
108	Immunoproteasome Subunit LMP7 Deficiency and Inhibition Suppresses Th1 and Th17 but Enhances Regulatory T Cell Differentiation. <i>Journal of Immunology</i> , 2012, 189, 4182-4193.	0.4	122

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109	Enhanced Immunomodulatory Activity and Stability in Simulated Digestive Juices of <i>Lactobacillus plantarum</i> -L-137 by Heat Treatment. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 918-922.	0.6	30
110	Innate immune signalling at the intestinal epithelium in homeostasis and disease. <i>EMBO Reports</i> , 2012, 13, 684-698.	2.0	166
111	A novel tylophorine analog NK-007 ameliorates colitis through inhibition of innate immune response. <i>International Immunopharmacology</i> , 2012, 14, 487-494.	1.7	10
112	The PepT1-transportable soy tripeptide VPY reduces intestinal inflammation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 1753-1763.	1.1	140
113	A novel NF- $\kappa$ B inhibitor, dehydroxymethylepoxyquinomicin, ameliorates inflammatory colonic injury in mice. <i>Journal of Crohn's and Colitis</i> , 2012, 6, 215-225.	0.6	54
114	Pretreatment with alanyl-glutamine suppresses T-helper-cell-associated cytokine expression and reduces inflammatory responses in mice with acute DSS-induced colitis. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 1092-1099.	1.9	33
115	Irsogladine maleate ameliorates inflammation and fibrosis in mice with chronic colitis induced by dextran sulfate sodium. <i>Medical Molecular Morphology</i> , 2012, 45, 140-151.	0.4	12
116	Modelling of Mouse Experimental Colitis by Global Property Screens: A Holistic Approach to Assess Drug Effects in Inflammatory Bowel Disease. <i>PLoS ONE</i> , 2012, 7, e30005.	1.1	8
117	Proteasome Inhibitor Bortezomib Ameliorates Intestinal Injury in Mice. <i>PLoS ONE</i> , 2012, 7, e34587.	1.1	12
118	Mucosal Healing and Fibrosis after Acute or Chronic Inflammation in Wild Type FVB-N Mice and C57BL6 Procollagen $\alpha$ 1(I)-Promoter-GFP Reporter Mice. <i>PLoS ONE</i> , 2012, 7, e42568.	1.1	43
119	Current and Novel Treatments for Ulcerative Colitis. , 2012, , .		0
120	Matriptase Protects Against Experimental Colitis and Promotes Intestinal Barrier Recovery. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 1303-1314.	0.9	51
121	IL-33 attenuates development and perpetuation of chronic intestinal inflammation. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 1900-1909.	0.9	96
122	Neutrophil Infiltration of the Colon Is Independent of the FPR1 yet FPR1 Deficient Mice Show Differential Susceptibilities to Acute Versus Chronic Induced Colitis. <i>Digestive Diseases and Sciences</i> , 2012, 57, 1802-1812.	1.1	19
123	The intestinal anti-inflammatory effect of darsalazine sodium is related to a down-regulation in IL-17 production in experimental models of rodent colitis. <i>British Journal of Pharmacology</i> , 2012, 165, 729-740.	2.7	31
124	Protective effect of <i>Clostridium tyrobutyricum</i> in acute dextran sodium sulphate-induced colitis: differential regulation of tumour necrosis factor- $\alpha$ and interleukin-18 in BALB/c and severe combined immunodeficiency mice. <i>Clinical and Experimental Immunology</i> , 2012, 167, 356-365.	1.1	44
125	Beneficial and preventive effect of chitin nanofibrils in a dextran sulfate sodium-induced acute ulcerative colitis model. <i>Carbohydrate Polymers</i> , 2012, 87, 1399-1403.	5.1	52
126	The Severity of Dextran Sodium Sulfate-Induced Colitis Can Differ Between Dextran Sodium Sulfate Preparations of the Same Molecular Weight Range. <i>Digestive Diseases and Sciences</i> , 2012, 57, 327-334.	1.1	23



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127	PKR in DSS-induced Colitis. <i>Inflammatory Bowel Diseases</i> , 2013, 19, E49-E50.	0.9	4
128	Quantitative Phenotyping of Inflammatory Bowel Disease in the IL-10-deficient Mouse by Use of Noninvasive Magnetic Resonance Imaging. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 185-193.	0.9	29
129	Changes in the Expression of Smooth Muscle Contractile Proteins in TNBS- and DSS-Induced Colitis in Mice. <i>Inflammation</i> , 2013, 36, 1304-1315.	1.7	12
130	Effects of alanyl-glutamine dipeptide on the expression of colon-inflammatory mediators during the recovery phase of colitis induced by dextran sulfate sodium. <i>European Journal of Nutrition</i> , 2013, 52, 1089-1098.	1.8	38
131	Intestinal anti-inflammatory activity of ellagic acid in the acute and chronic dextrane sulfate sodium models of mice colitis. <i>Journal of Ethnopharmacology</i> , 2013, 150, 925-934.	2.0	143
132	Dietary unsaponifiable fraction from extra virgin olive oil supplementation attenuates acute ulcerative colitis in mice. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 572-581.	1.9	53
133	<i>Faecalibacterium prausnitzii</i> supernatant improves intestinal barrier function in mice DSS colitis. <i>Scandinavian Journal of Gastroenterology</i> , 2013, 48, 1136-1144.	0.6	168
134	Drug delivery to inflamed colon by nanoparticles: Comparison of different strategies. <i>International Journal of Pharmaceutics</i> , 2013, 440, 3-12.	2.6	150
135	Transcriptional modulation of pattern recognition receptors in acute colitis in mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 2162-2172.	1.8	13
136	Tumor Suppressor APC Protein Is Essential in Mucosal Repair from Colonic Inflammation through Angiogenesis. <i>American Journal of Pathology</i> , 2013, 182, 1263-1274.	1.9	17
137	Dietary extra virgin olive oil polyphenols supplementation modulates DSS-induced chronic colitis in mice. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1401-1413.	1.9	117
138	Protective effects of galacturonic acid-rich vinegar brewed from Japanese pear in a dextran sodium sulfate-induced acute colitis model. <i>Journal of Functional Foods</i> , 2013, 5, 516-523.	1.6	19
139	Alanyl-glutamine administration suppresses Th17 and reduces inflammatory reaction in dextran sulfate sodium-induced acute colitis. <i>International Immunopharmacology</i> , 2013, 17, 1-8.	1.7	20
140	Suppressive effects of cellulose nanofibers made from adlay and seaweed on colon inflammation in an inflammatory bowel-disease model. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2013, 2, 65-72.	1.5	16
141	Animal models of chemically induced intestinal inflammation: Predictivity and ethical issues. , 2013, 139, 71-86.		41
142	The C5a receptor antagonist PMX205 ameliorates experimentally induced colitis associated with increased IL-4 and IL-10. <i>British Journal of Pharmacology</i> , 2013, 168, 488-501.	2.7	45
143	Budesonide-loaded nanostructured lipid carriers reduce inflammation in murine DSS-induced colitis. <i>International Journal of Pharmaceutics</i> , 2013, 454, 775-783.	2.6	115
144	Chemopreventive effect of dietary glutamine on colitis-associated colon tumorigenesis in mice. <i>Carcinogenesis</i> , 2013, 34, 1593-1600.	1.3	29

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145	Deletion of Intestinal Epithelial Cell STAT3 Promotes T-Lymphocyte STAT3 Activation and Chronic Colitis Following Acute Dextran Sodium Sulfate Injury in Mice. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 512-525.	0.9	55
146	Role of metallothionein in murine experimental colitis. <i>International Journal of Molecular Medicine</i> , 2013, 31, 1037-1046.	1.8	33
147	The Complement Anaphylatoxin C3a Receptor (C3aR) Contributes to the Inflammatory Response in Dextran Sulfate Sodium (DSS)-Induced Colitis in Mice. <i>PLoS ONE</i> , 2013, 8, e62257.	1.1	22
148	Low Molecular Weight Heparin Relieves Experimental Colitis in Mice by Downregulating IL-1 $\beta$ and Inhibiting Syndecan-1 Shedding in the Intestinal Mucosa. <i>PLoS ONE</i> , 2013, 8, e66397.	1.1	21
149	Unique Gene Expression and MR T2 Relaxometry Patterns Define Chronic Murine Dextran Sodium Sulphate Colitis as a Model for Connective Tissue Changes in Human Crohn's Disease. <i>PLoS ONE</i> , 2013, 8, e68876.	1.1	42
150	Extracellular Vesicles Derived from Gut Microbiota, Especially <i>Akkermansia muciniphila</i> , Protect the Progression of Dextran Sulfate Sodium-Induced Colitis. <i>PLoS ONE</i> , 2013, 8, e76520.	1.1	407
151	Effects of Dietary Glutamine on the Homeostasis of CD4+ T Cells in Mice with Dextran Sulfate Sodium-Induced Acute Colitis. <i>PLoS ONE</i> , 2014, 9, e84410.	1.1	30
152	Antiinflammatory Effect of Phytosterols in Experimental Murine Colitis Model: Prevention, Induction, Remission Study. <i>PLoS ONE</i> , 2014, 9, e108112.	1.1	91
153	POSITIVE CORRELATION BETWEEN DISEASE ACTIVITY INDEX AND MATRIX METALLOPROTEINASES ACTIVITY IN A RAT MODEL OF COLITIS. <i>Arquivos De Gastroenterologia</i> , 2014, 51, 107-112.	0.3	14
154	Therapeutic effect of a hydroxynaphthoquinone fraction on dextran sulfate sodium-induced ulcerative colitis. <i>World Journal of Gastroenterology</i> , 2014, 20, 15310.	1.4	27
155	Activation of liver X receptor suppresses the production of the IL-12 family of cytokines by blocking nuclear translocation of NF- $\kappa$ Bp50. <i>Innate Immunity</i> , 2014, 20, 675-687.	1.1	15
156	Glutamine Supplementation Attenuates Expressions of Adhesion Molecules and Chemokine Receptors on T Cells in a Murine Model of Acute Colitis. <i>Mediators of Inflammation</i> , 2014, 2014, 1-14.	1.4	20
157	Effects of fish scale collagen peptide on an experimental ulcerative colitis mouse model. <i>PharmaNutrition</i> , 2014, 2, 161-168.	0.8	10
158	Aggravation of inflammatory bowel diseases by oral streptococci. <i>Oral Diseases</i> , 2014, 20, 359-366.	1.5	29
159	Dietary $\beta$ -mangostin, a xanthone from mangosteen fruit, exacerbates experimental colitis and promotes dysbiosis in mice. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 1226-1238.	1.5	37
160	Zhankuic Acid A Isolated from <i>Taiwanofungus camphoratus</i> Is a Novel Selective TLR4/MD-2 Antagonist with Anti-Inflammatory Properties. <i>Journal of Immunology</i> , 2014, 192, 2778-2786.	0.4	20
161	Local and Systemic Immune Mechanisms Underlying the Anti-Colitis Effects of the Dairy Bacterium <i>Lactobacillus delbrueckii</i> . <i>PLoS ONE</i> , 2014, 9, e85923.	1.1	45
162	A Review on Chemical-Induced Inflammatory Bowel Disease Models in Rodents. <i>Korean Journal of Physiology and Pharmacology</i> , 2014, 18, 279.	0.6	334

#	ARTICLE	IF	CITATIONS
163	Reprogrammed and transmissible intestinal microbiota confer diminished susceptibility to induced colitis in TMF <sup>+/+</sup> mice. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4964-4969.	3.3	51
164	Epimorphin <sup>+/+</sup> mice are protected, in part, from acute colitis via decreased interleukin 6 signaling. Translational Research, 2014, 164, 70-83.	2.2	6
165	Urokinase-Type Plasminogen Activator Deficiency Promotes Neoplasmatogenesis in the Colon of Mice. Translational Oncology, 2014, 7, 174-187.e5.	1.7	20
166	C5L2 is required for C5a-triggered receptor internalization and ERK signaling. Cellular Signalling, 2014, 26, 1409-1419.	1.7	31
167	Inhibition of Vasoactive Intestinal Polypeptide (VIP) Induces Resistance to Dextran Sodium Sulfate (DSS)-Induced Colitis in Mice. Journal of Molecular Neuroscience, 2014, 52, 37-47.	1.1	26
168	Anti-inflammatory effects of cellulose nanofiber made from pear in inflammatory bowel disease model. Bioactive Carbohydrates and Dietary Fibre, 2014, 3, 1-10.	1.5	19
169	Locally Delivered CD40 Agonist Antibody Accumulates in Secondary Lymphoid Organs and Eradicates Experimental Disseminated Bladder Cancer. Cancer Immunology Research, 2014, 2, 80-90.	1.6	78
170	pH-sensitive nanoparticles for colonic delivery of curcumin in inflammatory bowel disease. International Journal of Pharmaceutics, 2014, 473, 203-212.	2.6	196
171	Nicotine suppresses acute colitis and colonic tumorigenesis associated with chronic colitis in mice. American Journal of Physiology - Renal Physiology, 2014, 307, G968-G978.	1.6	57
172	Immunoregulatory function of PIR-A/B+ DCs in the inflammatory responses of dextran sodium sulfate-induced colitis. Journal of Gastroenterology, 2014, 49, 1367-1377.	2.3	3
173	Intestinal anti-inflammatory activity of the Serpylli herba extract in experimental models of rodent colitis. Journal of Crohn's and Colitis, 2014, 8, 775-788.	0.6	44
174	Preventive and therapeutic effects of nitrite supplementation in experimental inflammatory bowel disease. Redox Biology, 2014, 2, 73-81.	3.9	57
175	The complex role of inflammasomes in the pathogenesis of Inflammatory Bowel Diseases – Lessons learned from experimental models. Cytokine and Growth Factor Reviews, 2014, 25, 715-730.	3.2	54
176	Mouse strain influences angiogenic response to dextran sodium sulfate-induced colitis. Journal of Surgical Research, 2014, 190, 47-54.	0.8	6
177	Immunopathological characterization of selected mouse models of inflammatory bowel disease: Comparison to human disease. Pathophysiology, 2014, 21, 267-288.	1.0	52
178	Delivery of a mucin domain enriched in cysteine residues strengthens the intestinal mucous barrier. Scientific Reports, 2015, 5, 9577.	1.6	45
179	Intestinal Inflammation Leads to a Long-lasting Increase in Resistance to Systemic Salmonellosis that Requires Macrophages But Not B or T Lymphocytes at the Time of Pathogen Challenge. Inflammatory Bowel Diseases, 2015, 21, 2758-2765.	0.9	1
180	Animal Models of IBD-Associated CRC and Colorectal Cancer Tumorigenesis. Clinical Medicine Insights Therapeutics, 2015, 7, CMT.S18489.	0.4	3

#	ARTICLE	IF	CITATIONS
181	Distinct effects of <i>Lactobacillus plantarum</i> KL30B and <i>Escherichia coli</i> 3A1 on the induction and development of acute and chronic inflammation. <i>Central-European Journal of Immunology</i> , 2015, 4, 420-430.	0.4	7
182	Dextran sulfate sodium-induced acute colitis impairs dermal lymphatic function in mice. <i>World Journal of Gastroenterology</i> , 2015, 21, 12767.	1.4	11
183	Integrative Approach to Analyze Biodiversity and Anti-Inflammatory Bioactivity of <i>Wedelia</i> Medicinal Plants. <i>PLoS ONE</i> , 2015, 10, e0129067.	1.1	5
184	Orally Administered Enoxaparin Ameliorates Acute Colitis by Reducing Macrophage-Associated Inflammatory Responses. <i>PLoS ONE</i> , 2015, 10, e0134259.	1.1	16
185	Protective Effect of <i>Calculus Bovis Sativus</i> on Dextran Sulphate Sodium-Induced Ulcerative Colitis in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-8.	0.5	22
186	Natural Anti-Intestinal Goblet Cell Autoantibody Production from Marginal Zone B Cells. <i>Journal of Immunology</i> , 2015, 194, 606-614.	0.4	26
187	Experimental Models of Gastrointestinal Inflammatory Diseases. , 2015, , 1537-1549.		0
188	Vitamin A metabolism and mucosal immune function are distinct between BALB/c and C57BL/6 mice. <i>European Journal of Immunology</i> , 2015, 45, 89-100.	1.6	28
189	Hematopoietic lineage skewing and intestinal epithelia degeneration in aged mice with telomerase RNA component deletion. <i>Experimental Gerontology</i> , 2015, 72, 251-260.	1.2	6
190	Telmisartan attenuates the inflamed mesenteric adipose tissue in spontaneous colitis by mechanisms involving regulation of neurotensin/microRNA-155 pathway. <i>Biochemical Pharmacology</i> , 2015, 93, 461-469.	2.0	18
191	The impact of primary and persistent cytomegalovirus infection on the progression of acute colitis in a murine model. <i>Pathophysiology</i> , 2015, 22, 31-37.	1.0	7
192	Effects of dietary virgin olive oil polyphenols: hydroxytyrosyl acetate and 3, 4-dihydroxyphenylglycol on DSS-induced acute colitis in mice. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 513-520.	1.9	60
193	Cholera-toxin suppresses carcinogenesis in a mouse model of inflammation-driven sporadic colon cancer. <i>Carcinogenesis</i> , 2015, 36, 280-290.	1.3	27
194	Polyphosphate, an active molecule derived from probiotic <i>Lactobacillus brevis</i> , improves the fibrosis in murine colitis. <i>Translational Research</i> , 2015, 166, 163-175.	2.2	37
195	Oral administration of dextran sodium sulphate induces a caecum-localized colitis in rabbits. <i>International Journal of Experimental Pathology</i> , 2015, 96, 151-162.	0.6	11
196	A soybean and fish oil mixture with different n-6/n-3 PUFA ratios modulates the inflammatory reaction in mice with dextran sulfate sodium-induced acute colitis. <i>Clinical Nutrition</i> , 2015, 34, 1018-1024.	2.3	26
197	Activation of mucosal mast cells promotes inflammation-related colon cancer development through recruiting and modulating inflammatory CD11b+Gr1+ cells. <i>Cancer Letters</i> , 2015, 364, 173-180.	3.2	23
198	A novel effect of DMOG on cell metabolism: direct inhibition of mitochondrial function precedes HIF target gene expression. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015, 1847, 1254-1266.	0.5	89

#	ARTICLE	IF	CITATIONS
199	Interleukin 34: a new modulator of human and experimental inflammatory bowel disease. <i>Clinical Science</i> , 2015, 129, 281-290.	1.8	84
200	Effects of anti-inflammatory therapy on bursting pressure of colonic anastomosis in murine dextran sulfate sodium induced colitis. <i>Scandinavian Journal of Gastroenterology</i> , 2015, 50, 991-1001.	0.6	10
201	The Src kinase Fyn is protective in acute chemical-induced colitis and promotes recovery from disease. <i>Journal of Leukocyte Biology</i> , 2015, 97, 1089-1099.	1.5	8
202	Preventive and Therapeutic Effects of Lactobacillus Paracasei B21060-Based Synbiotic Treatment on Gut Inflammation and Barrier Integrity in Colitic Mice. <i>Journal of Nutrition</i> , 2015, 145, 1202-1210.	1.3	36
203	The role of Th17/Treg balance and Th22 cell in the pathogenesis of DSS-induced colitis in mice. <i>European Journal of Inflammation</i> , 2015, 13, 101-108.	0.2	7
204	Activation of $\mu$ opioid receptors modulates inflammation in acute experimental colitis. <i>Neurogastroenterology and Motility</i> , 2015, 27, 509-523.	1.6	27
205	Lactosucrose attenuates intestinal inflammation by promoting Th2 cytokine production and enhancing CD86 expression in colitic rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 643-651.	0.6	14
206	Berberine is a dopamine D1- and D2-like receptor antagonist and ameliorates experimentally induced colitis by suppressing innate and adaptive immune responses. <i>Journal of Neuroimmunology</i> , 2015, 289, 43-55.	1.1	53
207	Moderately Fermentable Potato Fiber Attenuates Signs and Inflammation Associated with Experimental Colitis in Mice. <i>Journal of Nutrition</i> , 2015, 145, 2781-2788.	1.3	27
208	Intestinal Epithelial Cell Tyrosine Kinase 2 Transduces IL-22 Signals To Protect from Acute Colitis. <i>Journal of Immunology</i> , 2015, 195, 5011-5024.	0.4	40
209	IL-33 alleviates DSS-induced chronic colitis in C57BL/6 mice colon lamina propria by suppressing Th17 cell response as well as Th1 cell response. <i>International Immunopharmacology</i> , 2015, 29, 846-853.	1.7	35
210	Insulin-Like Growth Factor-1 Contributes to Mucosal Repair by $\beta$ -Arrestin2-Mediated Extracellular Signal-Related Kinase Signaling in Experimental Colitis. <i>American Journal of Pathology</i> , 2015, 185, 2441-2453.	1.9	28
211	Regulation of the alternative pathway of complement modulates injury and immunity in a chronic model of dextran sulphate sodium-induced colitis. <i>Clinical and Experimental Immunology</i> , 2015, 179, 500-508.	1.1	29
212	Dietary squalene supplementation improves DSS-induced acute colitis by downregulating p38 MAPK and NF $\kappa$ B signaling pathways. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 284-292.	1.5	78
213	Immunological alteration and changes of gut microbiota after dextran sulfate sodium (DSS) administration in mice. <i>Clinical and Experimental Medicine</i> , 2015, 15, 107-120.	1.9	212
214	Anti-inflammatory effects of orally administered glucosamine oligomer in an experimental model of inflammatory bowel disease. <i>Carbohydrate Polymers</i> , 2015, 115, 448-456.	5.1	66
215	Diagnostic imaging advances in murine models of colitis. <i>World Journal of Gastroenterology</i> , 2016, 22, 996.	1.4	10
216	Finding ways to solve or prevent aminoglycoside-induced ototoxicity?. <i>Annals of Translational Medicine</i> , 2016, 4, 533-533.	0.7	0

#	ARTICLE	IF	CITATIONS
217	Role of the protein annexin A1 on the efficacy of anti-TNF treatment in a murine model of acute colitis. <i>Biochemical Pharmacology</i> , 2016, 115, 104-113.	2.0	25
218	The molecular biology of matrix metalloproteinases and tissue inhibitors of metalloproteinases in inflammatory bowel diseases. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2016, 51, 295-358.	2.3	62
219	Dual effects of a high-protein diet on DSS-treated mice during colitis resolution phase. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G624-G633.	1.6	16
220	Intestinal inflammation without weight loss decreases bone density and growth. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R1149-R1157.	0.9	31
221	Sex impacts Th1 cells, Tregs, and DCs in both intestinal and systemic immunity in a mouse strain and location-dependent manner. <i>Biology of Sex Differences</i> , 2016, 7, 21.	1.8	26
222	Effects of early life dextran sulfate sodium administration on pathology and immune response in broilers and layers. <i>Poultry Science</i> , 2016, 95, 1529-1542.	1.5	13
223	Enzyme-linked immunosorbent assay for S100A9 in the stool of rats with dextran sulfate sodium-induced colitis. <i>Journal of Immunological Methods</i> , 2016, 439, 44-49.	0.6	8
224	Vagal innervation is required for the formation of tertiary lymphoid tissue in colitis. <i>European Journal of Immunology</i> , 2016, 46, 2467-2480.	1.6	31
225	Inhibition of $\alpha$ 2A-Adrenoceptors Ameliorates Dextran Sulfate Sodium-Induced Acute Intestinal Inflammation in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 358, 483-491.	1.3	4
226	Nanofibers based on chitin: a new functional food. <i>Pure and Applied Chemistry</i> , 2016, 88, 605-619.	0.9	8
227	Protective effect of gentiopicroside against dextran sodium sulfate induced colitis in mice. <i>International Immunopharmacology</i> , 2016, 39, 16-22.	1.7	37
228	IL-21/IL-21R signaling suppresses intestinal inflammation induced by DSS through regulation of Th responses in lamina propria in mice. <i>Scientific Reports</i> , 2016, 6, 31881.	1.6	27
229	Altered Prostatein (CAP1/Prss8) Expression Favors Inflammation and Tissue Remodeling in DSS-induced Colitis. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 2824-2839.	0.9	11
230	A Role for MYC in Lithium-Stimulated Repair of the Colonic Epithelium After DSS-Induced Damage in Mice. <i>Digestive Diseases and Sciences</i> , 2016, 61, 410-422.	1.1	19
231	The potential mechanism of Bawei Xileisan in the treatment of dextran sulfate sodium-induced ulcerative colitis in mice. <i>Journal of Ethnopharmacology</i> , 2016, 188, 31-38.	2.0	25
232	Methods of Inducing Inflammatory Bowel Disease in Mice. <i>Current Protocols in Pharmacology</i> , 2016, 72, 5.58.1-5.58.42.	4.0	31
233	Suppression of colitis-associated carcinogenesis through modulation of IL-6/STAT3 pathway by balsalazide and VSL#3. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2016, 31, 1453-1461.	1.4	40
234	Innate Mucosal Immune System Response of BALB/c vs C57BL/6 Mice to Injury in the Setting of Enteral and Parenteral Feeding. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016, 40, 256-263.	1.3	11

#	ARTICLE	IF	CITATIONS
235	Methyl-deficient diet promotes colitis and SIRT1-mediated endoplasmic reticulum stress. <i>Gut</i> , 2016, 65, 595-606.	6.1	56
236	Apigenin supplementation protects the development of dextran sulfate sodium-induced murine experimental colitis by inhibiting canonical and non-canonical inflammasome signaling pathways. <i>Journal of Nutritional Biochemistry</i> , 2016, 30, 143-152.	1.9	73
237	The Role of Neuropeptides in Mouse Models of Colitis. <i>Journal of Molecular Neuroscience</i> , 2016, 59, 203-210.	1.1	22
238	Radiation-Induced Esophagitis In Vivo and In Vitro Reveals That Epidermal Growth Factor Is a Potential Candidate for Therapeutic Intervention Strategy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1032-1041.	0.4	12
239	A comparative study of curcumin-loaded lipid-based nanocarriers in the treatment of inflammatory bowel disease. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 143, 327-335.	2.5	76
240	Intraluminal Injection of Mesenchymal Stromal Cells in Spheroids Attenuates Experimental Colitis. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 953-964.	0.6	23
241	Berberine ameliorates chronic relapsing dextran sulfate sodium-induced colitis in C57BL/6 mice by suppressing Th17 responses. <i>Pharmacological Research</i> , 2016, 110, 227-239.	3.1	111
242	DSS colitis promotes tumorigenesis and fibrogenesis in a choline-deficient high-fat diet-induced NASH mouse model. <i>Biochemical and Biophysical Research Communications</i> , 2016, 470, 15-21.	1.0	36
243	Murine colitis treated with multitargeted tyrosine kinase inhibitors. <i>Journal of Surgical Research</i> , 2016, 200, 501-507.	0.8	4
244	Preventive and therapeutic effects of blueberry ( <i>Vaccinium corymbosum</i> ) extract against DSS-induced ulcerative colitis by regulation of antioxidant and inflammatory mediators. <i>Journal of Nutritional Biochemistry</i> , 2016, 28, 103-113.	1.9	81
245	Preventive rather than therapeutic treatment with high fiber diet attenuates clinical and inflammatory markers of acute and chronic DSS-induced colitis in mice. <i>European Journal of Nutrition</i> , 2017, 56, 179-191.	4.6	57
246	Dietary n-6/n-3 Polyunsaturated Fatty Acid Ratios Affect the Homeostasis of Th/Treg Cells in Mice With Dextran Sulfate Sodium-Induced Colitis. <i>Journal of Parenteral and Enteral Nutrition</i> , 2017, 41, 647-656.	1.3	17
247	A phenotype of IGFBP3 knockout mice revealed by dextran sulfate-induced colitis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2017, 32, 146-153.	1.4	6
248	Standardized ethanolic extract of the rhizome of <i>Curcuma xanthorrhiza</i> prevents murine ulcerative colitis by regulation of inflammation. <i>Journal of Functional Foods</i> , 2017, 30, 282-289.	1.6	5
249	Activation of TGF- $\beta$ 1 promoted kinase 1 promotes colon mucosal pathogenesis in inflammatory bowel disease. <i>Physiological Reports</i> , 2017, 5, e13181.	0.7	8
250	Dextran sulphate sodium colitis in C57BL/6J mice is alleviated by <i>Lactococcus lactis</i> and worsened by the neutralization of Tumor necrosis Factor $\alpha$ . <i>International Immunopharmacology</i> , 2017, 43, 219-226.	1.7	32
251	Investigation of the Influence of Protein-Losing Enteropathy on Monoclonal Antibody Pharmacokinetics in Mice. <i>AAPS Journal</i> , 2017, 19, 1791-1803.	2.2	4
252	Astrovirus Biology and Pathogenesis. <i>Annual Review of Virology</i> , 2017, 4, 327-348.	3.0	132

#	ARTICLE	IF	CITATIONS
253	Immunomodulatory properties of <i>Olea europaea</i> leaf extract in intestinal inflammation. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1601066.	1.5	48
254	Targeted delivery of Cyclosporine A by polymeric nanocarriers improves the therapy of inflammatory bowel disease in a relevant mouse model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 119, 361-371.	2.0	30
255	Therapeutic Effects of 6-gingerol, 8-gingerol, and 10-gingerol on Dextran Sulfate Sodium-Induced Acute Ulcerative Colitis in Rats. <i>Phytotherapy Research</i> , 2017, 31, 1427-1432.	2.8	53
256	Baicalin may alleviate inflammatory infiltration in dextran sodium sulfate-induced chronic ulcerative colitis via inhibiting IL-33 expression. <i>Life Sciences</i> , 2017, 186, 125-132.	2.0	55
257	Prdx6 Deficiency Ameliorates DSS Colitis: Relevance of Compensatory Antioxidant Mechanisms. <i>Journal of Crohn's and Colitis</i> , 2017, 11, 871-884.	0.6	35
258	Comparative Effect of the I3.1 Probiotic Formula in Two Animal Models of Colitis. <i>Probiotics and Antimicrobial Proteins</i> , 2017, 9, 71-80.	1.9	22
259	Sex Differences and Drug Dose Influence the Role of the $\alpha 7$ Nicotinic Acetylcholine Receptor in the Mouse Dextran Sodium Sulfate-Induced Colitis Model. <i>Nicotine and Tobacco Research</i> , 2017, 19, 460-468.	1.4	17
260	Suppressor of cytokine signaling 2 (SOCS2) deletion protects bone health of mice with DSS induced inflammatory bowel disease. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	15
261	Astrovirus Pathogenesis. <i>Viruses</i> , 2017, 9, 22.	1.5	77
262	Effect of a probiotic beverage consumption (Enterococcus faecium CRL 183 and Bifidobacterium) Tj ETQq1 1 0.784314 rgBT/Overl	1.1	37
263	Th1/Th2 Balance and Th17/Treg-Mediated Immunity in relation to Murine Resistance to Dextran Sulfate-Induced Colitis. <i>Journal of Immunology Research</i> , 2017, 2017, 1-11.	0.9	63
264	Chemopreventive Strategies for Inflammation-Related Carcinogenesis: Current Status and Future Direction. <i>International Journal of Molecular Sciences</i> , 2017, 18, 867.	1.8	23
265	Isomaltodextrin Prevents DSS-induced Colitis by Strengthening Tight Junctions in Mice. <i>Food Science and Technology Research</i> , 2017, 23, 305-317.	0.3	4
266	The HDAC Inhibitor, SAHA, Prevents Colonic Inflammation by Suppressing Pro-inflammatory Cytokines and Chemokines in DSS-induced Colitis. <i>Acta Histochemica Et Cytochemica</i> , 2018, 51, 33-40.	0.8	34
267	Immuno-PET in Inflammatory Bowel Disease: Imaging CD4-Positive T Cells in a Murine Model of Colitis. <i>Journal of Nuclear Medicine</i> , 2018, 59, 980-985.	2.8	54
268	S-allylmercaptocysteine attenuates posaconazole-induced adverse effects in mice through antioxidation and anti-inflammation. <i>International Immunopharmacology</i> , 2018, 58, 9-14.	1.7	5
269	A Novel Topical PPAR $\delta$ Agonist Induces PPAR $\delta$ Activity in Ulcerative Colitis Mucosa and Prevents and Reverses Inflammation in Induced Colitis Models. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 792-805.	0.9	20
270	Neuronal control of experimental colitis occurs via sympathetic intestinal innervation. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13163.	1.6	50



#	ARTICLE	IF	CITATIONS
271	Fetal Growth Restriction Induced by Transient Uterine Ischemiaâ€“Reperfusion: Differential Responses in Different Mouse Strains. <i>Reproductive Sciences</i> , 2018, 25, 1083-1092.	1.1	2
272	A refined and translationally relevant model of chronic DSS colitis in BALB/c mice. <i>Laboratory Animals</i> , 2018, 52, 240-252.	0.5	38
273	Substance-P Ameliorates Dextran Sodium Sulfate-Induced Intestinal Damage by Preserving Tissue Barrier Function. <i>Tissue Engineering and Regenerative Medicine</i> , 2018, 15, 63-73.	1.6	18
274	Myeloid Cell Hypoxia-Inducible Factors Promote Resolution of Inflammation in Experimental Colitis. <i>Frontiers in Immunology</i> , 2018, 9, 2565.	2.2	24
275	<i>Streptococcus gallolyticus</i> conspires myeloid cells to promote tumorigenesis of inflammatory bowel disease. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 907-911.	1.0	41
276	Long-lasting immunosuppressive effects of tacrolimus-loaded micelle NK61060 in preclinical arthritis and colitis models. <i>Therapeutic Delivery</i> , 2018, 9, 711-729.	1.2	0
277	IL-33 Protects Mice against DSS-Induced Chronic Colitis by Increasing Both Regulatory B Cell and Regulatory T Cell Responses as Well as Decreasing Th17 Cell Response. <i>Journal of Immunology Research</i> , 2018, 2018, 1-12.	0.9	23
278	Intestinal barrier dysfunction orchestrates the onset of inflammatory hostâ€“microbiome cross-talk in a human gut inflammation-on-a-chip. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10539-E10547.	3.3	210
279	The Bisindole Alkaloid Caulerpin, from Seaweeds of the Genus <i>Caulerpa</i> , Attenuated Colon Damage in Murine Colitis Model. <i>Marine Drugs</i> , 2018, 16, 318.	2.2	30
280	Indoleamine 2,3-dioxygenase-dependent expansion of T-regulatory cells maintains mucosal healing in ulcerative colitis. <i>Therapeutic Advances in Gastroenterology</i> , 2018, 11, 175628481879355.	1.4	25
281	Sex and strain dependent differences in mucosal immunology and microbiota composition in mice. <i>Biology of Sex Differences</i> , 2018, 9, 26.	1.8	110
282	A characterization of pro-inflammatory cytokines in dextran sulfate sodium-induced chronic relapsing colitis mice model. <i>International Immunopharmacology</i> , 2018, 60, 194-201.	1.7	41
283	<i>Clostridium butyricum</i> protects the epithelial barrier by maintaining tight junction protein expression and regulating microflora in a murine model of dextran sodium sulfate-induced colitis. <i>Scandinavian Journal of Gastroenterology</i> , 2018, 53, 1031-1042.	0.6	40
284	Yuzu (&lt;i>Citrus junos&lt;/i> Tanaka) Peel Attenuates Dextran Sulfate Sodium-induced Murine Experimental Colitis. <i>Journal of Oleo Science</i> , 2018, 67, 335-344.	0.6	18
285	Fibrogenesis in Chronic DSS Colitis is Not Influenced by Neutralisation of Regulatory T Cells, of Major T Helper Cytokines or Absence of IL-13. <i>Scientific Reports</i> , 2019, 9, 10064.	1.6	10
286	Galectin-3 Regulates Indoleamine-2,3-dioxygenase-Dependent Cross-Talk between Colon-Infiltrating Dendritic Cells and T Regulatory Cells and May Represent a Valuable Biomarker for Monitoring the Progression of Ulcerative Colitis. <i>Cells</i> , 2019, 8, 709.	1.8	16
287	The protective effect of syringic acid on dextran sulfate sodiumâ€“induced experimental colitis in BALB/c mice. <i>Drug Development Research</i> , 2019, 80, 731-740.	1.4	25
288	Acetylcholine-producing T cells augment innate immune-driven colitis but are redundant in T cell-driven colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G557-G568.	1.6	16

#	ARTICLE	IF	CITATIONS
289	Exposure to the Harmful Algal Bloom (HAB) Toxin Microcystin-LR (MC-LR) Prolongs and Increases Severity of Dextran Sulfate Sodium (DSS)-Induced Colitis. <i>Toxins</i> , 2019, 11, 371.	1.5	29
290	ABC transporters Mdr1a/1b, Bcrp1, Mrp2 and Mrp3 determine the sensitivity to PhIP/DSS-induced colon carcinogenesis and inflammation. <i>Archives of Toxicology</i> , 2019, 93, 775-790.	1.9	7
291	Strain specific maturation of Dendritic cells and production of IL-1 $\beta$ controls CD40-driven colitis. <i>PLoS ONE</i> , 2019, 14, e0210998.	1.1	4
292	A JAK1 Selective Kinase Inhibitor and Tofacitinib Affect Macrophage Activation and Function. <i>Inflammatory Bowel Diseases</i> , 2019, 25, 647-660.	0.9	47
293	Reduced early life mucosal integrity decreases thymic cell counts and increases local, but not thymic regulatory, T cell recruitment: Gut mucosal integrity breach and thymic T cells. <i>European Journal of Inflammation</i> , 2019, 17, 205873921882346.	0.2	0
294	Gut IgA abundance in adult life is a major determinant of resistance to dextran sodium sulfate-induced colitis and can compensate for the effects of inadequate maternal IgA received by neonates. <i>Immunology</i> , 2019, 158, 19-34.	2.0	16
295	The Oxysterol Synthesising Enzyme CH25H Contributes to the Development of Intestinal Fibrosis. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 1186-1200.	0.6	24
296	Effects of dietary exposure to chlorpyrifos on immune cell populations and inflammatory responses in mice with dextran sulfate sodium-induced colitis. <i>Food and Chemical Toxicology</i> , 2019, 131, 110596.	1.8	12
297	Mucosal delivery of <i>Lactococcus lactis</i> carrying an anti-TNF scFv expression vector ameliorates experimental colitis in mice. <i>BMC Biotechnology</i> , 2019, 19, 38.	1.7	24
298	Infection-Induced Intestinal Dysbiosis Is Mediated by Macrophage Activation and Nitrate Production. <i>MBio</i> , 2019, 10, .	1.8	49
299	Rapid removal of dextran sulfate sodium from tissue RNA preparations for measurement of inflammation biomarkers. <i>Analytical Biochemistry</i> , 2019, 579, 18-24.	1.1	4
300	Fluid supplementation accelerates epithelial repair during chemical colitis. <i>PLoS ONE</i> , 2019, 14, e0215387.	1.1	5
301	Curcumin induces mild anemia in a DSS-induced colitis mouse model maintained on an iron-sufficient diet. <i>PLoS ONE</i> , 2019, 14, e0208677.	1.1	18
302	Mouse-Derived Isograft (MDI) In Vivo Tumor Models II. Carcinogen-Induced cMDI Models: Characterization and Cancer Therapeutic Approaches. <i>Cancers</i> , 2019, 11, 242.	1.7	2
303	Therapeutic effects of a single injection of human umbilical mesenchymal stem cells on acute and chronic colitis in mice. <i>Scientific Reports</i> , 2019, 9, 5832.	1.6	8
304	Pathogenesis of fibrostenosing Crohn's disease. <i>Translational Research</i> , 2019, 209, 39-54.	2.2	60
305	Mouse-Derived Isograft (MDI) In Vivo Tumor Models I. Spontaneous sMDI Models: Characterization and Cancer Therapeutic Approaches. <i>Cancers</i> , 2019, 11, 244.	1.7	4
306	<p>Effects of Exposure to Mild Hyperbaric Oxygen on DSS-Induced Colonic Inflammation and Diarrhea in Rats</p>. <i>Journal of Inflammation Research</i> , 2019, Volume 12, 293-299.	1.6	3

#	ARTICLE	IF	CITATIONS
307	Effects of Anti-Cytokine Antibodies on Gut Barrier Function. Mediators of Inflammation, 2019, 2019, 1-15.	1.4	9
308	Engineered E. coli Nissle 1917 for the delivery of matrix-tethered therapeutic domains to the gut. Nature Communications, 2019, 10, 5580.	5.8	212
309	<i>Bacteroides thetaiotaomicron</i> Ameliorates Colon Inflammation in Preclinical Models of Crohn's Disease. Inflammatory Bowel Diseases, 2019, 25, 85-96.	0.9	115
310	Dietary <i>Ziziphus jujuba</i> Fruit Attenuates Colitis-Associated Tumorigenesis: A Pivotal Role of the NF- $\kappa$ B/IL-6/JAK1/STAT3 Pathway. Nutrition and Cancer, 2020, 72, 120-132.	0.9	28
311	Therapeutic Efficacy of Subcutaneous and Intraperitoneal Injections of a Single Dose of Human Umbilical Mesenchymal Stem Cells in Acute and Chronic Colitis in a Mouse Model. Journal of Medical and Biological Engineering, 2020, 40, 82-90.	1.0	3
312	Dietary exposure to chlorpyrifos inhibits the polarization of regulatory T cells in C57BL/6 mice with dextran sulfate sodium-induced colitis. Archives of Toxicology, 2020, 94, 141-150.	1.9	7
313	Evaluation of acute colitis induced by dextran sulfate sodium in C57BL/6. IOP Conference Series: Materials Science and Engineering, 2020, 768, 052052.	0.3	0
314	Toll-like receptor 4 regulates intestinal fibrosis via cytokine expression and epithelial-mesenchymal transition. Scientific Reports, 2020, 10, 19867.	1.6	23
315	Interleukin-4 Receptor $\beta$ Subunit Deficiency Alleviates Murine Intestinal Inflammation In Vivo Through the Enhancement of Intestinal Mucosal Barrier Function. Frontiers in Pharmacology, 2020, 11, 573470.	1.6	7
316	Innovative Animal Model of DSS-Induced Ulcerative Colitis in Pseudo Germ-Free Mice. Cells, 2020, 9, 2571.	1.8	28
317	In vivo testing of orally delivered nanoparticles. , 2020, , 459-480.		4
318	Anti-Inflammatory and Chemopreventive Effects of Bryophyllum pinnatum (Lamarck) Leaf Extract in Experimental Colitis Models in Rodents. Frontiers in Pharmacology, 2020, 11, 998.	1.6	22
319	A single early-in-life antibiotic course increases susceptibility to DSS-induced colitis. Genome Medicine, 2020, 12, 65.	3.6	33
321	Treatment of mice with S4B6 IL-2 complex prevents lethal toxoplasmosis via IL-12- and IL-18-dependent interferon-gamma production by non-CD4 immune cells. Scientific Reports, 2020, 10, 13115.	1.6	7
322	Betulinic acid hydroxamate prevents colonic inflammation and fibrosis in murine models of inflammatory bowel disease. Acta Pharmacologica Sinica, 2021, 42, 1124-1138.	2.8	21
323	Anti-Inflammatory Activity of a Cyclic Tetrapeptide in Mouse and Human Experimental Models. Pharmaceutics, 2020, 12, 1030.	2.0	3
324	Distinct iron homeostasis in C57BL/6 and Balb/c mouse strains. Physiological Reports, 2020, 8, e14441.	0.7	11
325	M1 Macrophages Promote TRAIL Expression in Adipose Tissue-Derived Stem Cells, Which Suppresses Colitis-Associated Colon Cancer by Increasing Apoptosis of CD133+ Cancer Stem Cells and Decreasing M2 Macrophage Population. International Journal of Molecular Sciences, 2020, 21, 3887.	1.8	12

#	ARTICLE	IF	CITATIONS
326	Oral delivery of oleuropein-loaded lipid nanocarriers alleviates inflammation and oxidative stress in acute colitis. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119515.	2.6	40
327	The anti-inflammatory and immune-modulatory effects of OEA limit DSS-induced colitis in mice. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110368.	2.5	29
328	Oxidative stress exacerbates dextran sulfate sodium-induced ulcerative colitis in ICR mice. <i>Biologia (Poland)</i> , 2020, 75, 2063-2071.	0.8	2
329	An engineering probiotic producing defensin-5 ameliorating dextran sodium sulfate-induced mice colitis via Inhibiting NF- $\kappa$ B pathway. <i>Journal of Translational Medicine</i> , 2020, 18, 107.	1.8	24
330	Extra virgin olive oil and flaxseed oil have no preventive effects on DSS-induced acute ulcerative colitis. <i>Nutrition</i> , 2020, 74, 110731.	1.1	11
331	Preventive effects of Korean red ginseng on experimentally induced colitis and colon carcinogenesis. <i>Journal of Traditional and Complementary Medicine</i> , 2020, 10, 198-206.	1.5	4
332	3 $\alpha$ -Hydroxypterostilbene Potently Alleviates Obesity Exacerbated Colitis in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5365-5374.	2.4	6
333	Tyrosine Kinase 2 Signalling Drives Pathogenic T cells in Colitis. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 617-630.	0.6	11
334	Select animal models of colitis and their value in predicting clinical efficacy of biological therapies in ulcerative colitis. <i>Expert Opinion on Drug Discovery</i> , 2021, 16, 567-577.	2.5	25
335	Solute Carrier Family 12 Member 2 as a Proteomic and Histological Biomarker of Dysplasia and Neoplasia in Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 287-298.	0.6	4
336	<i>Eubacterium rectale</i> contributes to colorectal cancer initiation via promoting colitis. <i>Gut Pathogens</i> , 2021, 13, 2.	1.6	53
337	Acute colitis during chronic experimental traumatic brain injury in mice induces dysautonomia and persistent extraintestinal, systemic, and CNS inflammation with exacerbated neurological deficits. <i>Journal of Neuroinflammation</i> , 2021, 18, 24.	3.1	31
338	Lung CD103+ Dendritic cells of mice infected with <i>Paracoccidioides brasiliensis</i> contribute to Treg differentiation. <i>Microbial Pathogenesis</i> , 2021, 150, 104696.	1.3	2
339	Murine models for studying immunopathogenesis in gastrointestinal lesions: How to go about it. <i>Indian Journal of Pathology and Microbiology</i> , 2021, 64, 58.	0.1	0
340	Strictosamide alleviates the inflammation in an acute ulcerative colitis (UC) model. <i>Journal of Physiology and Biochemistry</i> , 2021, 77, 283-294.	1.3	10
342	Therapeutic Effects of Probiotic Minas Frescal Cheese on the Attenuation of Ulcerative Colitis in a Murine Model. <i>Frontiers in Microbiology</i> , 2021, 12, 623920.	1.5	27
345	Boston Ivy-Inspired Disc-Like Adhesive Microparticles for Drug Delivery. <i>Research</i> , 2021, 2021, 9895674.	2.8	24
346	Fermented Rice Bran Supplementation Prevents the Development of Intestinal Fibrosis Due to DSS-Induced Inflammation in Mice. <i>Nutrients</i> , 2021, 13, 1869.	1.7	15

#	ARTICLE	IF	CITATIONS
347	Lipid-polymer nano core-shell type hybrid system for colon specific drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 63, 102540.	1.4	7
348	Effects of olives and their constituents on the expression of ulcerative colitis: a systematic review of randomised controlled trials. <i>British Journal of Nutrition</i> , 2022, 127, 1153-1171.	1.2	2
349	Anthocyanin-containing purple potatoes ameliorate DSS-induced colitis in mice. <i>Journal of Nutritional Biochemistry</i> , 2021, 93, 108616.	1.9	30
350	Induction of colorectal carcinogenesis in the C57BL/6J and A/J mouse strains with a reduced DSS dose in the AOM/DSS model. <i>Laboratory Animal Research</i> , 2021, 37, 19.	1.1	14
351	Naringin Exerts Therapeutic Effects on Mice Colitis: A Study Based on Transcriptomics Combined With Functional Experiments. <i>Frontiers in Pharmacology</i> , 2021, 12, 729414.	1.6	11
352	Transcriptomic and Proteomic Study on the High-Fat Diet Combined With AOM/DSS-Induced Adenomatous Polyps in Mice. <i>Frontiers in Oncology</i> , 2021, 11, 736225.	1.3	4
353	Natural flavone tricetin exerted anti-inflammatory activity in macrophage via NF- $\kappa$ B pathway and ameliorated acute colitis in mice. <i>Phytomedicine</i> , 2021, 90, 153625.	2.3	19
354	Intestinal inflammation-associated hypersensitivity is attenuated in a DSS model of colitis in Sigma-1 knockout C57BL/6 mice. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112126.	2.5	7
355	Inflammatory responses of C57BL/6NKorl mice to dextran sulfate sodium-induced colitis: comparison between three C57BL/6 $\hat{=}$ N sub-strains. <i>Laboratory Animal Research</i> , 2021, 37, 8.	1.1	2
356	Effects of Jian Pi Qing Chang Hua Shi decoction on mucosal injuries in a 2,4,6-trinitrobenzene sulphonic acid-induced inflammatory bowel disease rat model. <i>Pharmaceutical Biology</i> , 2021, 59, 681-693.	1.3	2
357	The Azoxymethane Plus Dextran Sulfate Sodium-Induced Mouse Colon Cancer Model for the Study of Dietary Chemoprevention of Inflammation-Associated Carcinogenesis. <i>Methods in Pharmacology and Toxicology</i> , 2014, , 155-172.	0.1	2
359	Structure of ileo-anal J pouch anastomosis increased the intensity of pouchitis in an experimental rat model. <i>Medical Science Monitor</i> , 2012, 18, BR409-BR413.	0.5	2
360	Multivariate Modeling Identifies Neutrophil- and Th17-Related Factors as Differential Serum Biomarkers of Chronic Murine Colitis. <i>PLoS ONE</i> , 2010, 5, e13277.	1.1	13
361	CCL25/CCR9 Interactions Regulate Large Intestinal Inflammation in a Murine Model of Acute Colitis. <i>PLoS ONE</i> , 2011, 6, e16442.	1.1	117
362	Probiotic-Derived Polyphosphate Enhances the Epithelial Barrier Function and Maintains Intestinal Homeostasis through Integrin $\hat{=}$ p38 MAPK Pathway. <i>PLoS ONE</i> , 2011, 6, e23278.	1.1	157
363	Host Genetics and Environmental Factors Regulate Ecological Succession of the Mouse Colon Tissue-Associated Microbiota. <i>PLoS ONE</i> , 2012, 7, e30273.	1.1	43
364	Colonic Inflammation in Mice Is Improved by Cigarette Smoke through iNKT Cells Recruitment. <i>PLoS ONE</i> , 2013, 8, e62208.	1.1	30
365	New Perspective on Dextran Sodium Sulfate Colitis: Antigen-Specific T Cell Development during Intestinal Inflammation. <i>PLoS ONE</i> , 2013, 8, e69936.	1.1	38

#	ARTICLE	IF	CITATIONS
366	Secreted Protein Acidic and Rich in Cysteine (SPARC) Exacerbates Colonic Inflammatory Symptoms in Dextran Sodium Sulfate-Induced Murine Colitis. <i>PLoS ONE</i> , 2013, 8, e77575.	1.1	27
367	Inflammatory Cytokine Gene Expression in Mesenteric Adipose Tissue during Acute Experimental Colitis. <i>PLoS ONE</i> , 2013, 8, e83693.	1.1	8
368	Lack of a Functioning P2X7 Receptor Leads to Increased Susceptibility to Toxoplasmic Ileitis. <i>PLoS ONE</i> , 2015, 10, e0129048.	1.1	27
369	Galectin-1 reduces the severity of ulcerative colitis induced by dextran sulfate sodium via suppressing inflammatory and oxidative mediators. <i>Bosnian Journal of Basic Medical Sciences</i> , 2020, 20, 319-328.	0.6	9
370	Effect of the Oral Administration of Fungal Ligands in a Murine Model of DSS-Induced Colitis. <i>The Open Mycology Journal</i> , 2012, 6, 1-10.	0.8	1
371	Oral <i>in vivo</i> Bactofection in Dextran Sulfate Sodium Treated Female Wistar Rats. <i>Folia Biologica</i> , 2010, 58, 171-176.	0.1	8
372	Temporal clinical, proteomic, histological and cellular immune responses of dextran sulfate sodium-induced acute colitis. <i>World Journal of Gastroenterology</i> , 2018, 24, 4341-4355.	1.4	33
373	Histological and ultrastructural changes of the colon in dextran sodium sulfate-induced mouse colitis. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 1987-1994.	0.8	19
374	TNFR1 Deficiency Protects Mice from Colitis-Associated Colorectal Cancer Coupled with a Decreased Level of Oxidative Damage in the Colon: Implications for Anti-TNF Therapy of Unremitting Colitis. <i>Journal of Cancer Therapy</i> , 2012, 03, 926-940.	0.1	3
376	Inflammatory Bowel Disease Models in Animals. , 2013, , 1-20.		0
378	Inflammatory Bowel Disease Models in Animals. , 2016, , 643-659.		0
379	Hybrid of two-photon microscopy and optical multimodality imaging for multi-scale imaging of small animals. , 2018, , .		1
381	Multiscale imaging of colitis in mice using confocal laser endomicroscopy, light-sheet fluorescence microscopy, and magnetic resonance imaging. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	1.4	4
385	The Effects of Acute Blood Loss for Diagnostic Bloodwork and Fluid Replacement in Clinically Ill Mice. <i>Comparative Medicine</i> , 2015, 65, 202-16.	0.4	1
386	An experimental model of colitis induced by dextran sulfate sodium from acute progresses to chronicity in C57BL/6: correlation between conditions of mice and the environment. <i>Gastroenterology and Hepatology From Bed To Bench</i> , 2016, 9, 45-52.	0.6	38
387	Protective effects of ethanol extract from <i>Portulaca oleracea</i> L on dextran sulphate sodium-induced mice ulcerative colitis involving anti-inflammatory and antioxidant. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 2138-48.	0.0	23
388	Protective effect of against dextran sulfate sodium induced ulcerative colitis in C57BL/6 mice. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 1792-1800.	0.0	13
389	Establishment and Resilience of Transplanted Gut Microbiota in Aged Mice. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
390	Mouse Models of Asthma: Characteristics, Limitations and Future Perspectives on Clinical Translation. <i>Advances in Experimental Medicine and Biology</i> , 2021, , 119-133.	0.8	5
391	Establishment and resilience of transplanted gut microbiota in aged mice. <i>IScience</i> , 2022, 25, 103654.	1.9	11
392	Ethanol extract from <i>Lepidium virginicum</i> L. ameliorates DNBS-induced colitis in rats. <i>Journal of Ethnopharmacology</i> , 2022, 289, 115056.	2.0	3
393	Impact of PEGylation on an antibody-loaded nanoparticle-based drug delivery system for the treatment of inflammatory bowel disease. <i>Acta Biomaterialia</i> , 2022, 140, 561-572.	4.1	13
394	Stressor-Induced Increases in Circulating, but Not Colonic, Cytokines Are Related to Anxiety-like Behavior and Hippocampal Inflammation in a Murine Colitis Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2000.	1.8	3
395	Novel Role of Ghrelin Receptor in Gut Dysbiosis and Experimental Colitis in Aging. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2219.	1.8	11
396	Development of a Novel MR Colonography via Iron-Based Solid Lipid Nanoparticles. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 821-836.	3.3	1
397	<i>Lactobacillus paracasei</i> BD5115-Derived 2-Hydroxy-3-Methylbutyric Acid Promotes Intestinal Epithelial Cells Proliferation by Upregulating the MYC Signaling Pathway. <i>Frontiers in Nutrition</i> , 2022, 9, 799053.	1.6	4
398	Differential colitis susceptibility of Th1- and Th2-biased mice: A multi-omics approach. <i>PLoS ONE</i> , 2022, 17, e0264400.	1.1	7
399	TM9SF4 Is a Crucial Regulator of Inflammation and ER Stress in Inflammatory Bowel Disease. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 14, 245-270.	2.3	9
400	Pentosan Polysulfate Sodium augments the therapeutic effect of 5-Aminosalicylic Acid in DSS colitis model; the role of IL-35 expression. <i>International Immunopharmacology</i> , 2022, 106, 108620.	1.7	7
402	Antioxidant Stress and Anti-Inflammatory Activities of Egg White Proteins and Their Derived Peptides: A Review. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 5-20.	2.4	21
403	<i>Lactobacillus plantarum</i> strains attenuated DSS-induced colitis in mice by modulating the gut microbiota and immune response. <i>International Microbiology</i> , 2022, 25, 587-603.	1.1	15
406	Therapeutic effects of an azaphenothiazine derivative in mouse experimental colitis. <i>Histology and Histopathology</i> , 2020, 35, 691-699.	0.5	1
407	Dextran Sulphate Sodium Acute Colitis Rat Model: A Suitable Tool for Advancing Our Understanding of Immune and Microbial Mechanisms in the Pathogenesis of Inflammatory Bowel Disease. <i>Veterinary Sciences</i> , 2022, 9, 238.	0.6	2
408	<i>Akkermansia muciniphila</i> plays critical roles in host health. <i>Critical Reviews in Microbiology</i> , 2023, 49, 82-100.	2.7	28
409	Pathogenesis of Chicken Astrovirus Related Illnesses. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	4
410	Electrical stimulation of the splenic nerve bundle ameliorates dextran sulfate sodium-induced colitis in mice. <i>Journal of Neuroinflammation</i> , 2022, 19, .	3.1	7

#	ARTICLE	IF	CITATIONS
411	Fecal microRNA223 as an indicator of recovery in chronic DSS colitis model in rats. <i>Fundamental Toxicological Sciences</i> , 2022, 9, 103-110.	0.2	1
412	Inflammatory Bowel Disease: A Review of Pre-Clinical Murine Models of Human Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9344.	1.8	47
413	Long-lasting visceral hypersensitivity in a model of DSS-induced colitis in rats. <i>Neurogastroenterology and Motility</i> , 0, , .	1.6	3
415	Lycium barbarum Glycopeptide prevents the development and progression of acute colitis by regulating the composition and diversity of the gut microbiota in mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	11
416	Characterization of Maladaptive Processes in Acute, Chronic and Remission Phases of Experimental Colitis in C57BL/6 Mice. <i>Biomedicines</i> , 2022, 10, 1903.	1.4	1
417	Differential Susceptibility of the Gut Microbiota to DSS Treatment Interferes in the Conserved Microbiome Association in Mouse Models of Colitis and Is Related to the Initial Gut Microbiota Difference. , 2022, 2022, 1-20.		10
418	Smad4-deficient T cells promote colitis-associated colon cancer via an IFN- $\gamma$ -dependent suppression of 15-hydroxyprostaglandin dehydrogenase. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	2
419	TNF- $\alpha$ enhances sensory DRG neuron excitability through modulation of P2X3 receptors in an acute colitis model. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
420	An IBD-Associated Pathobiont Synergises With NSAID to Promote Colitis Which is Blocked by NLRP3 Inflammasome and Caspase-8 Inhibitors. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
421	Pla2g2a promotes innate Th2-type immunity lymphocytes to increase B1a cells. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
422	Intestinal immune responses to commensal and pathogenic protozoa. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	9
424	The Pregnane X Receptor and Indole-3-Propionic Acid Shape the Intestinal Mesenchyme to Restrain Inflammation and Fibrosis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2023, 15, 765-795.	2.3	14
425	Impact of administration route on nanocarrier biodistribution in a murine colitis model. <i>Journal of Experimental Nanoscience</i> , 2022, 17, 599-616.	1.3	0
426	A novel gut inflammatory rat model by laparotomic injection of peptidoglycan from <i>Staphylococcus aureus</i> . <i>Archives of Microbiology</i> , 2022, 204, .	1.0	0
427	THE VIABILITY OF LEUKOCYTES AND REACTIVE OXYGEN SPECIES GENERATION BY THEM IN RATS WITH CHRONIC COLITIS. <i>Wiadomości Lekarskie</i> , 2022, 75, 2270-2274.	0.1	3
428	Transgenerational impacts of oral probiotic administration in pregnant mice on offspring gut immune cells and colitis susceptibility. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 0, , .	1.4	1
429	Algal oil alleviates antibiotic-induced intestinal inflammation by regulating gut microbiota and repairing intestinal barrier. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	7
430	An IBD-associated pathobiont synergises with NSAID to promote colitis which is blocked by NLRP3 inflammasome and Caspase-8 inhibitors. <i>Gut Microbes</i> , 2023, 15, .	4.3	4



#	ARTICLE	IF	CITATIONS
431	Nematode-Induced Growth Factors Related to Angiogenesis in Autoimmune Disease Attenuation. <i>Life</i> , 2023, 13, 321.	1.1	4
432	Mitotic spindle positioning protein (MISP) deficiency exacerbates dextran sulfate sodium (DSS)-induced colitis in mice. <i>Journal of Veterinary Medical Science</i> , 2023, 85, 167-174.	0.3	1
433	Slc11a1 gene polymorphism influences dextran sulfate sodium (DSS)-induced colitis in a murine model of acute inflammation. <i>Genes and Immunity</i> , 2023, 24, 71-80.	2.2	1
434	Immunomodulatory effects of different strains of <i>Lactococcus lactis</i> in DSS-induced colitis. <i>Brazilian Journal of Microbiology</i> , 0, , .	0.8	1
451	Sterols in Inflammatory Diseases: Implications and Clinical Utility. <i>Advances in Experimental Medicine and Biology</i> , 2024, , 261-275.	0.8	0