

Hua Yang

List of Publications by Year in descending order

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81
papers

1,861
citations

279798

23
h-index

330143

37
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82
all docs

82
docs citations

82
times ranked

2288
citing authors

#	ARTICLE	IF	CITATIONS
1	Aryl Hydrocarbon Receptor Activation Modulates Intestinal Epithelial Barrier Function by Maintaining Tight Junction Integrity. <i>International Journal of Biological Sciences</i> , 2018, 14, 69-77.	6.4	136
2	Intestinal Intraepithelial Lymphocyte $\gamma\delta$ -T Cell-Derived Keratinocyte Growth Factor Modulates Epithelial Growth in the Mouse. <i>Journal of Immunology</i> , 2004, 172, 4151-4158.	0.8	115
3	Alteration in epithelial permeability and ion transport in a mouse model of total parenteral nutrition. <i>Critical Care Medicine</i> , 2003, 31, 1118-1125.	0.9	75
4	Aryl Hydrocarbon Receptor Activation Down-Regulates IL-7 and Reduces Inflammation in a Mouse Model of DSS-Induced Colitis. <i>Digestive Diseases and Sciences</i> , 2015, 60, 1958-1966.	2.3	70
5	Prediction of bacterial protein subcellular localization by incorporating various features into Chou's PseAAC and a backward feature selection approach. <i>Biochimie</i> , 2014, 104, 100-107.	2.6	63
6	Interferon- β -Induced Intestinal Epithelial Barrier Dysfunction by NF- κ B/HIF-1 α Pathway. <i>Journal of Interferon and Cytokine Research</i> , 2014, 34, 195-203.	1.2	62
7	Intraepithelial lymphocyte-derived interferon- β evokes enterocyte apoptosis with parenteral nutrition in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 284, G629-G637.	3.4	58
8	Role of AhR in positive regulation of cell proliferation and survival. <i>Cell Proliferation</i> , 2016, 49, 554-560.	5.3	57
9	SCFAs induce autophagy in intestinal epithelial cells and relieve colitis by stabilizing HIF-1 α . <i>Journal of Molecular Medicine</i> , 2020, 98, 1189-1202.	3.9	44
10	Keratinocyte growth factor improves epithelial function after massive small bowel resection. <i>Journal of Parenteral and Enteral Nutrition</i> , 2003, 27, 198-206.	2.6	42
11	Aryl Hydrocarbon Receptor Activation in Intestinal Obstruction Ameliorates Intestinal Barrier Dysfunction Via Suppression of MLCK-MLC Phosphorylation Pathway. <i>Shock</i> , 2016, 46, 319-328.	2.1	39
12	Effect of Early vs Late Supplemental Parenteral Nutrition in Patients Undergoing Abdominal Surgery. <i>JAMA Surgery</i> , 2022, 157, 384.	4.3	39
13	Intestinal intraepithelial lymphocytes: Maintainers of intestinal immune tolerance and regulators of intestinal immunity. <i>Journal of Leukocyte Biology</i> , 2021, 109, 339-347.	3.3	36
14	Aryl hydrocarbon receptor inhibits inflammation in DSS-induced colitis via the MK2/p38/MK2/TTP pathway. <i>International Journal of Molecular Medicine</i> , 2017, 41, 868-876.	4.0	34
15	Intestinal Epithelial Cells-Derived Hypoxia-Inducible Factor-1 α Is Essential for the Homeostasis of Intestinal Intraepithelial Lymphocytes. <i>Frontiers in Immunology</i> , 2019, 10, 806.	4.8	33
16	Aryl hydrocarbon receptor activation maintained the intestinal epithelial barrier function through Notch1 dependent signaling pathway. <i>International Journal of Molecular Medicine</i> , 2018, 41, 1560-1572.	4.0	32
17	Keratinocyte growth factor stimulates the recovery of epithelial structure and function in a mouse model of total parenteral nutrition. <i>Journal of Parenteral and Enteral Nutrition</i> , 2002, 26, 333-340.	2.6	29
18	Keratinocyte Growth Factor Improves Epithelial Structure and Function in a Mouse Model of Intestinal Ischemia/Reperfusion. <i>PLoS ONE</i> , 2012, 7, e44772.	2.5	29

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19	6-Formylindolo(3,2-b)carbazole induced aryl hydrocarbon receptor activation prevents intestinal barrier dysfunction through regulation of claudin-2 expression. <i>Chemico-Biological Interactions</i> , 2018, 288, 83-90.	4.0	29
20	Risk factors for ruptured intracranial aneurysms. <i>Indian Journal of Medical Research</i> , 2018, 147, 51.	1.0	27
21	Interleukin-7 administration alters intestinal intraepithelial lymphocyte phenotype and function in vivo. <i>Cytokine</i> , 2005, 31, 419-428.	3.2	26
22	Mutual regulation between butyrate and hypoxia-inducible factor-1 α in epithelial cell promotes expression of tight junction proteins. <i>Cell Biology International</i> , 2020, 44, 1405-1414.	3.0	26
23	Etanercept in the Treatment of Intestinal Behçet's Disease. <i>Cell Biochemistry and Biophysics</i> , 2014, 69, 735-739.	1.8	25
24	Aryl hydrocarbon receptor activation alleviates dextran sodium sulfate-induced colitis through enhancing the differentiation of goblet cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 180-186.	2.1	24
25	The protective roles of NLRP6 in intestinal epithelial cells. <i>Cell Proliferation</i> , 2019, 52, e12555.	5.3	24
26	PSSP-RFE: Accurate Prediction of Protein Structural Class by Recursive Feature Extraction from PSI-BLAST Profile, Physical-Chemical Property and Functional Annotations. <i>PLoS ONE</i> , 2014, 9, e92863.	2.5	24
27	Thiol-PEG-carboxyl-stabilized Fe ₂ O ₃ /Au nanoparticles targeted to CD105: Synthesis, characterization and application in MR imaging of tumor angiogenesis. <i>European Journal of Radiology</i> , 2014, 83, 1190-1198.	2.6	22
28	Intestinal epithelial cell-derived interleukin-7: a mechanism for the alteration of intraepithelial lymphocytes in a mouse model of total parenteral nutrition. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G84-G91.	3.4	21
29	Intestinal Specific Overexpression of Interleukin-7 Attenuates the Alternation of Intestinal Intraepithelial Lymphocytes After Total Parenteral Nutrition Administration. <i>Annals of Surgery</i> , 2008, 248, 849-856.	4.2	21
30	Keratinocyte growth factor pretreatment prevents radiation-induced intestinal damage in a mouse model. <i>Scandinavian Journal of Gastroenterology</i> , 2013, 48, 419-426.	1.5	21
31	Polycatechol-Derived Mesoporous Polydopamine Nanoparticles for Combined ROS Scavenging and Gene Interference Therapy in Inflammatory Bowel Disease. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 19975-19987.	8.0	21
32	Optimization of the composition of bimetallic core/shell Fe ₂ O ₃ /Au nanoparticles for MRI/CT dual-mode imaging. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	20
33	Superparamagnetic core/shell GoldMag nanoparticles: size-, concentration- and time-dependent cellular nanotoxicity on human umbilical vein endothelial cells and the suitable conditions for magnetic resonance imaging. <i>Journal of Nanobiotechnology</i> , 2015, 13, 24.	9.1	20
34	Aryl hydrocarbon receptor activation modulates CD8 α ⁺ TCR β ² + IELs and suppression of colitis manifestations in mice. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 127-134.	5.6	20
35	CD4CD8 α ⁺ IELs: They Have Something to Say. <i>Frontiers in Immunology</i> , 2019, 10, 2269.	4.8	20
36	Specific overexpression of IL-7 in the intestinal mucosa: the role in intestinal intraepithelial lymphocyte development. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, G1421-G1430.	3.4	19

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37	Par-3 modulates intestinal epithelial barrier function through regulating intracellular trafficking of occludin and myosin light chain phosphorylation. <i>Journal of Gastroenterology</i> , 2015, 50, 1103-1113.	5.1	19
38	The AhR is involved in the regulation of LoVo cell proliferation through cell cycle-associated proteins. <i>Cell Biology International</i> , 2016, 40, 560-568.	3.0	19
39	KGF inhibits hypoxia-induced intestinal epithelial cell apoptosis by upregulating AKT/ERK pathway-dependent E-cadherin expression. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 1318-1324.	5.6	19
40	The Jagged-1/Notch-1/Hes-1 Pathway Is Involved in Intestinal Adaptation in a Massive Small Bowel Resection Rat Model. <i>Digestive Diseases and Sciences</i> , 2013, 58, 2478-2486.	2.3	18
41	The Jagged-2/Notch-1/Hes-1 Pathway Is Involved in Intestinal Epithelium Regeneration after Intestinal Ischemia-Reperfusion Injury. <i>PLoS ONE</i> , 2013, 8, e76274.	2.5	18
42	Intestinal Mucosal Barrier Is Injured by BMP2/4 via Activation of NF- κ B Signals after Ischemic Reperfusion. <i>Mediators of Inflammation</i> , 2014, 2014, 1-11.	3.0	18
43	Disturbance of intraepithelial lymphocytes in a murine model of acute intestinal ischemia/reperfusion. <i>Journal of Molecular Histology</i> , 2014, 45, 217-227.	2.2	18
44	The RNA helicase Dhx15 mediates Wnt-induced antimicrobial protein expression in Paneth cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	17
45	The role of hypoxia-inducible factor 1 α in inflammatory bowel disease. <i>Cell Biology International</i> , 2022, 46, 46-51.	3.0	16
46	Up-Regulation of Intestinal Epithelial Cell Derived IL-7 Expression by Keratinocyte Growth Factor through STAT1/IRF-1, IRF-2 Pathway. <i>PLoS ONE</i> , 2013, 8, e58647.	2.5	15
47	Role of the intestinal cytokine microenvironment in shaping the intraepithelial lymphocyte repertoire. <i>Journal of Leukocyte Biology</i> , 2015, 97, 849-857.	3.3	15
48	CD8 α β ⁺ TCR β ⁺ Intraepithelial Lymphocytes in the Mouse Gut. <i>Digestive Diseases and Sciences</i> , 2016, 61, 1451-1460.	2.3	15
49	Knockdown on aPKC- β 1 inhibits epithelial-mesenchymal transition, migration and invasion of colorectal cancer cells through Rac1-JNK pathway. <i>Experimental and Molecular Pathology</i> , 2019, 107, 57-67.	2.1	15
50	GoldMag nanoparticles with core/shell structure: characterization and application in MR molecular imaging. <i>Journal of Nanoparticle Research</i> , 2011, 13, 3867-3876.	1.9	14
51	The Canonical Notch Signaling Was Involved in the Regulation of Intestinal Epithelial Cells Apoptosis after Intestinal Ischemia/Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2014, 15, 7883-7896.	4.1	14
52	TLR2-Dependent Signaling for IL-15 Production Is Essential for the Homeostasis of Intestinal Intraepithelial Lymphocytes. <i>Mediators of Inflammation</i> , 2016, 2016, 1-12.	3.0	14
53	Targeting T β 1 and T β 2; dual modality enhanced magnetic resonance imaging of tumor vascular endothelial cells based on peptides-conjugated manganese ferrite nanomicelles. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4051-4063.	6.7	13
54	Screening and combining serum biomarkers to improve their diagnostic performance in the detection of intestinal barrier dysfunction in patients after major abdominal surgery. <i>Annals of Translational Medicine</i> , 2019, 7, 388-388.	1.7	13

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55	Keratinocyte growth factor up-regulates Interleukin-7 expression following intestinal ischemia/reperfusion in vitro and in vivo. <i>International Journal of Clinical and Experimental Pathology</i> , 2012, 5, 569-80.	0.5	13
56	The Unique Surface Molecules on Intestinal Intraepithelial Lymphocytes: From Tethering to Recognizing. <i>Digestive Diseases and Sciences</i> , 2014, 59, 520-529.	2.3	12
57	A Novel Role of OS-9 in the Maintenance of Intestinal Barrier Function from Hypoxia-induced Injury via p38-dependent Pathway. <i>International Journal of Biological Sciences</i> , 2015, 11, 664-671.	6.4	11
58	MR molecular imaging of tumours using ferritin heavy chain reporter gene expression mediated by the hTERT promoter. <i>European Radiology</i> , 2016, 26, 4089-4097.	4.5	11
59	Keratinocyte Growth Factor Regulation of Aryl Hydrocarbon Receptor Activation in Colorectal Cancer Cells. <i>Digestive Diseases and Sciences</i> , 2016, 61, 444-452.	2.3	11
60	Recent Progress in the Diagnosis and Precise Nanocarrier-Mediated Therapy of Inflammatory Bowel Disease. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 1701-1716.	3.5	11
61	AhR activation protects intestinal epithelial barrier function through regulation of Par-6. <i>Journal of Molecular Histology</i> , 2018, 49, 449-458.	2.2	10
62	A new intracorporeal Billroth II stapled anastomosis technique in totally laparoscopic distal gastrectomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2015, 29, 1636-1642.	2.4	9
63	Hypoxia-inducible factor-1 modulates upregulation of mutT homolog-1 in colorectal cancer. <i>World Journal of Gastroenterology</i> , 2015, 21, 13447.	3.3	8
64	Transmembrane transport of the GÎ±q protein carboxyl terminus imitation polypeptide GCIP-27. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 49, 791-799.	4.0	7
65	AhR-E2F1-KGFR signaling is involved in KGF-induced intestinal epithelial cell proliferation. <i>Molecular Medicine Reports</i> , 2017, 15, 3019-3026.	2.4	7
66	Interleukin-28A maintains the intestinal epithelial barrier function through regulation of claudin-1. <i>Annals of Translational Medicine</i> , 2021, 9, 365-365.	1.7	6
67	Aryl hydrocarbon receptor activation modulates Î³Î³ intestinal intraepithelial lymphocytes and protects against ischemia/reperfusion injury in the murine small intestine. <i>Molecular Medicine Reports</i> , 2019, 19, 1840-1848.	2.4	6
68	GÎ±q Protein Carboxyl Terminus Imitation Polypeptide GCIP-27 Improves Cardiac Function in Chronic Heart Failure Rats. <i>PLoS ONE</i> , 2015, 10, e0121007.	2.5	5
69	A machine-learning approach for predicting palmitoylation sites from integrated sequence-based features. <i>Journal of Bioinformatics and Computational Biology</i> , 2017, 15, 1650025.	0.8	5
70	Single-incision plus one-port laparoscopic gastrectomy versus conventional multi-port laparoscopy-assisted gastrectomy for gastric cancer: a retrospective study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 3298-3307.	2.4	5
71	Antifungal Treatment Aggravates Sepsis through the Elimination of Intestinal Fungi. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	4.0	5
72	Immediate vs. gradual advancement to goal of enteral nutrition after elective abdominal surgery: A multicenter non-inferiority randomized trial. <i>Clinical Nutrition</i> , 2021, 40, 5802-5811.	5.0	5

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73	The Pathology and Physiology of Ileostomy. <i>Frontiers in Nutrition</i> , 2022, 9, 842198.	3.7	5
74	CT angiography of cervical anterior spinal artery and anterior radicular artery: preliminary study on technology and its clinical application. <i>Clinical Imaging</i> , 2015, 39, 32-36.	1.5	4
75	A Novel Role of A2AR in the Maintenance of Intestinal Barrier Function of Enteric Glia from Hypoxia-Induced Injury by Combining with mGluR5. <i>Frontiers in Pharmacology</i> , 2021, 12, 633403.	3.5	4
76	The interplay of BMP4 and IL-7 regulates the apoptosis of intestinal intraepithelial lymphocytes under conditions of ischemia/reperfusion. <i>International Journal of Molecular Medicine</i> , 2018, 41, 2640-2650.	4.0	3
77	A role of TTI1 in the colorectal cancer by promoting proliferation. <i>Translational Cancer Research</i> , 2021, 10, 1378-1388.	1.0	3
78	Ultrastructural Changes of the Cochlea After Oral and Maxillofacial Firearm Wounds. <i>Journal of Trauma</i> , 2007, 62, 189-192.	2.3	1
79	Molecular characterization, developmental expression, and modulation of occludin by early intervention with <i>Clostridium butyricum</i> in Muscovy ducks. <i>Poultry Science</i> , 2021, 100, 101271.	3.4	1
80	Tributes to Daniel H. Teitelbaum, MD, PhD. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016, 40, 1079-1086.	2.6	0
81	Comparison of One-Stage Managements in the Treatment of Obstructing Left-Sided Colorectal Cancer: Endolaparoscopic Approach vs. Emergency Open Surgery. <i>Iranian Journal of Public Health</i> , 2015, 44, 1148-9.	0.5	0