

Robin G Lorenz

List of Publications by Year in descending order

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96
papers

6,175
citations

87723

38
h-index

69108

77
g-index

97
all docs

97
docs citations

97
times ranked

7039
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin 17 ⁺ producing T helper cells and interleukin 17 orchestrate autoreactive germinal center development in autoimmune BXD2 mice. <i>Nature Immunology</i> , 2008, 9, 166-175.	7.0	639
2	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
3	Epithelial attachment alters the outcome of <i>Helicobacter pylori</i> infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 3925-3930.	3.3	271
4	The gastrointestinal ecosystem: a precarious alliance among epithelium, immunity and microbiota. <i>Microreview. Cellular Microbiology</i> , 2001, 3, 1-11.	1.1	263
5	Isolated Lymphoid Follicle Formation Is Inducible and Dependent Upon Lymphotoxin-Sufficient B Lymphocytes, Lymphotoxin β^2 Receptor, and TNF Receptor I Function. <i>Journal of Immunology</i> , 2003, 170, 5475-5482.	0.4	259
6	Cyclooxygenase-2-dependent arachidonic acid metabolites are essential modulators of the intestinal immune response to dietary antigen. <i>Nature Medicine</i> , 1999, 5, 900-906.	15.2	253
7	Bacterial Invasion Augments Epithelial Cytokine Responses to <i>Escherichia coli</i> Through a Lipopolysaccharide-Dependent Mechanism. <i>Journal of Immunology</i> , 2001, 166, 1148-1155.	0.4	226
8	<i>Helicobacter pylori</i> Gastritis in Children Is Associated With a Regulatory T-Cell Response. <i>Gastroenterology</i> , 2008, 134, 491-499.	0.6	206
9	Safety of Celecoxib in Patients With Ulcerative Colitis in Remission: A Randomized, Placebo-Controlled, Pilot Study. <i>Clinical Gastroenterology and Hepatology</i> , 2006, 4, 203-211.	2.4	191
10	Toll-like receptor 4 on stromal and hematopoietic cells mediates innate resistance to uropathogenic <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 4203-4208.	3.3	181
11	Rescuing the physician-scientist workforce: the time for action is now. <i>Journal of Clinical Investigation</i> , 2015, 125, 3742-3747.	3.9	157
12	Effect of Trimethoprim-Sulfamethoxazole on Recurrent Bacteriuria and Bacterial Persistence in Mice Infected with Uropathogenic <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2002, 70, 7042-7049.	1.0	145
13	Pathogenesis of Necrotizing Enterocolitis. <i>American Journal of Pathology</i> , 2015, 185, 4-16.	1.9	142
14	Increased Prevalence of Celiac Disease and Need for Routine Screening Among Patients With Osteoporosis. <i>Archives of Internal Medicine</i> , 2005, 165, 393.	4.3	137
15	CD14- and Toll-Like Receptor-Dependent Activation of Bladder Epithelial Cells by Lipopolysaccharide and Type 1 Piliated <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2003, 71, 1470-1480.	1.0	136
16	Isolated Lymphoid Follicles Can Function as Sites for Induction of Mucosal Immune Responses. <i>Annals of the New York Academy of Sciences</i> , 2004, 1029, 44-57.	1.8	134
17	Organizing a mucosal defense. <i>Immunological Reviews</i> , 2005, 206, 6-21.	2.8	123
18	Direct evidence for functional self-protein/la-molecule complexes in vivo.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 5220-5223.	3.3	114

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19	Thymic cortical epithelial cells can present self-antigens in vivo. <i>Nature</i> , 1989, 337, 560-562.	13.7	109
20	Spontaneous and Continuous Cyclooxygenase-2-Dependent Prostaglandin E2 Production by Stromal Cells in the Murine Small Intestine Lamina Propria: Directing the Tone of the Intestinal Immune Response. <i>Journal of Immunology</i> , 2001, 166, 4465-4472.	0.4	105
21	Co-Localization of substance P- and phenylethanolamine-N-methyltransferase-like immunoreactivity in neurons of ventrolateral medulla that project to the spinal cord: Potential role in control of vasomotor tone. <i>Neuroscience Letters</i> , 1985, 55, 255-260.	1.0	90
22	Expression of thin aggregative fimbriae promotes interaction of <i>Salmonella typhimurium</i> SR-11 with mouse small intestinal epithelial cells. <i>Infection and Immunity</i> , 1997, 65, 5320-5325.	1.0	88
23	Thymic cortical epithelial cells lack full capacity for antigen presentation. <i>Nature</i> , 1989, 340, 557-559.	13.7	83
24	Role of Postnatal Acquisition of the Intestinal Microbiome in the Early Development of Immune Function. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2010, 51, 262-273.	0.9	78
25	<i>Helicobacter pylori</i> Attaches to NeuAc α 2,3Gal β 1,4 Glycoconjugates Produced in the Stomach of Transgenic Mice Lacking Parietal Cells. <i>Molecular Cell</i> , 1999, 3, 263-274.	4.5	77
26	The Xenobiotic Transporter Mdr1 Enforces T Cell Homeostasis in the Presence of Intestinal Bile Acids. <i>Immunity</i> , 2017, 47, 1182-1196.e10.	6.6	73
27	Consumption of Acidic Water Alters the Gut Microbiome and Decreases the Risk of Diabetes in NOD Mice. <i>Journal of Histochemistry and Cytochemistry</i> , 2014, 62, 237-250.	1.3	66
28	Cross-fostering immediately after birth induces a permanent microbiota shift that is shaped by the nursing mother. <i>Microbiome</i> , 2015, 3, 17.	4.9	66
29	A role for IL-1 β in inducing pathologic inflammation during bacterial infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 10880-10885.	3.3	65
30	Molecular Basis for the Enterocyte Tropism Exhibited by <i>Salmonella typhimurium</i> Type 1 Fimbriae. <i>Journal of Biological Chemistry</i> , 1999, 274, 5797-5809.	1.6	63
31	Variants of alpha-melanocyte stimulating hormone in rat brain and pituitary: Evidence that acetylated β -MSH exists only in the intermediate lobe of pituitary. <i>Biochemical and Biophysical Research Communications</i> , 1982, 106, 910-919.	1.0	62
32	Identification of gastrin releasing peptide-related substances in guinea pig and rat brain. <i>Biochemical and Biophysical Research Communications</i> , 1983, 112, 528-536.	1.0	62
33	Hybrid inhibitor of peripheral cannabinoid-1 receptors and inducible nitric oxide synthase mitigates liver fibrosis. <i>JCI Insight</i> , 2016, 1, .	2.3	59
34	Postgestational Lymphotoxin/Lymphotoxin β Receptor Interactions Are Essential for the Presence of Intestinal B Lymphocytes. <i>Journal of Immunology</i> , 2002, 168, 4988-4997.	0.4	55
35	Clinical factors and biomarkers predict outcome in patients with immune-mediated thrombotic thrombocytopenic purpura. <i>Haematologica</i> , 2019, 104, 166-175.	1.7	52
36	Toll-like receptor 2 is protective of ischemia-reperfusion-mediated small-bowel injury in a murine model. <i>Pediatric Critical Care Medicine</i> , 2008, 9, 105-109.	0.2	50

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37	Performance of the Sebia CAPILLARYS 2 for Detection and Immunotyping of Serum Monoclonal Paraproteins. <i>American Journal of Clinical Pathology</i> , 2007, 128, 293-299.	0.4	44
38	Nonopiate active proenkephalin-derived peptides are secreted by T helper cells. <i>FASEB Journal</i> , 1989, 3, 2401-2407.	0.2	40
39	TNFR1 mediates the radioprotective effects of lipopolysaccharide in the mouse intestine. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 286, G166-G173.	1.6	38
40	Characterization of endorphins from the pituitary of the Spiny Dogfish <i>Squalus acanthias</i> . <i>Peptides</i> , 1986, 7, 119-126.	1.2	35
41	Reconstruction of the immunogenic peptide RNase(43-56) by identification and transfer of the critical residues into an unrelated peptide backbone.. <i>Journal of Experimental Medicine</i> , 1989, 170, 203-215.	4.2	30
42	Abnormal Immune Function In Vivo in a Murine Model of Lysosomal Storage Disease. <i>Pediatric Research</i> , 2000, 47, 757-762.	1.1	30
43	Expression of CXCL15 (Lungkine) in Murine Gastrointestinal, Urogenital, and Endocrine Organs. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 515-524.	1.3	29
44	Toll-like receptor 4 is protective against neonatal murine ischemia-reperfusion intestinal injury. <i>Journal of Pediatric Surgery</i> , 2010, 45, 1246-1255.	0.8	29
45	Impact of Elective versus Required Medical School Research Experiences on Career Outcomes. <i>Journal of Investigative Medicine</i> , 2017, 65, 942-948.	0.7	29
46	Altered generation of induced regulatory T cells in the FVB.mdr1a ^{-/-} mouse model of colitis. <i>Mucosal Immunology</i> , 2013, 6, 309-323.	2.7	28
47	Processing and Presentation of Self Proteins. <i>Immunological Reviews</i> , 1988, 106, 115-127.	2.8	27
48	Differential susceptibility of P-glycoprotein deficient mice to colitis induction by environmental insults. <i>Inflammatory Bowel Diseases</i> , 2009, 15, 684-696.	0.9	26
49	A Gnotobiotic Transgenic Mouse Model for Studying Interactions between Small Intestinal Enterocytes and Intraepithelial Lymphocytes. <i>Journal of Biological Chemistry</i> , 2002, 277, 37811-37819.	1.6	25
50	Animal models of intestinal inflammation: ineffective communication between coalition members. <i>Seminars in Immunopathology</i> , 2005, 27, 233-247.	4.0	25
51	Gut Microbiota and Obesity. <i>Current Obesity Reports</i> , 2012, 1, 1-8.	3.5	25
52	Altered enteroendocrine cell expression in T cell receptor alpha chain knock-out mice. <i>Microscopy Research and Technique</i> , 2000, 51, 112-120.	1.2	23
53	Postgraduate Choices of Graduates From Medical Scientist Training Programs, 2004-2008. <i>JAMA - Journal of the American Medical Association</i> , 2009, 302, 1271.	3.8	22
54	High Percentage of Evanescent Red Cell Antibodies in Patients with Sickle Cell Disease Highlights Need for a National Antibody Database. <i>Southern Medical Journal</i> , 2016, 109, 588-591.	0.3	22

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55	Gastric Mucus Alterations Associated With Murine <i>Helicobacter</i> Infection. <i>Journal of Histochemistry and Cytochemistry</i> , 2009, 57, 457-467.	1.3	21
56	Two-hit rat model of short bowel syndrome and sepsis: independent of total parenteral nutrition, short bowel syndrome is proinflammatory and injurious to the liver. <i>Journal of Pediatric Surgery</i> , 2007, 42, 992-997.	0.8	20
57	Human neutrophil peptides and complement factor Bb in pathogenesis of acquired thrombotic thrombocytopenic purpura. <i>Haematologica</i> , 2016, 101, 1319-1326.	1.7	19
58	New developments in experimental models of inflammatory bowel disease. <i>Current Opinion in Gastroenterology</i> , 2004, 20, 360-367.	1.0	18
59	Development of Intestinal Intraepithelial Lymphocytes, NK Cells, and NK 1.1+ T Cells in CD45-Deficient Mice. <i>Journal of Immunology</i> , 2001, 166, 6066-6073.	0.4	17
60	<i>Helicobacter felis</i> Associated Gastric Disease in Microbiota-Restricted Mice. <i>Journal of Histochemistry and Cytochemistry</i> , 2011, 59, 826-841.	1.3	17
61	Early life stress in mice alters gut microbiota independent of maternal microbiota inheritance. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R663-R674.	0.9	17
62	Methionine-Enkephalin and Thyrotropin-Stimulating Hormone Are Intimately Related in the Human Anterior Pituitary*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1988, 66, 804-810.	1.8	16
63	Effects of dehydration on pro-dynorphin derived peptides in the neuro-intermediate lobe of the rat pituitary. <i>Life Sciences</i> , 1985, 37, 1523-1528.	2.0	14
64	Anti-Blood Group Antibodies in Intravenous Immunoglobulin May Complicate Interpretation of Antibody Titers in ABO-Incompatible Transplantation. <i>American Journal of Transplantation</i> , 2016, 16, 2483-2486.	2.6	14
65	Role of the gastrointestinal ecosystem in the development of type 1 diabetes. <i>Pediatric Diabetes</i> , 2015, 16, 407-418.	1.2	13
66	Environmental-mediated intestinal homeostasis in neonatal mice. <i>Journal of Surgical Research</i> , 2015, 198, 494-501.	0.8	13
67	Management of chronic myeloid leukemia in the setting of pregnancy: when is leukocytapheresis appropriate? A case report and review of the literature. <i>Transfusion</i> , 2018, 58, 456-460.	0.8	13
68	Altered T-Cell Balance in Lymphoid Organs of a Mouse Model of Colorectal Cancer. <i>Journal of Histochemistry and Cytochemistry</i> , 2016, 64, 753-767.	1.3	12
69	The <i>Helicobacter felis</i> Model of Adoptive Transfer Gastritis. <i>Immunologic Research</i> , 2005, 33, 183-194.	1.3	10
70	PROBLEMS WITH THERAPEUTIC MONITORING OF CYCLOSPORINE USING SILICONE CENTRAL VENOUS LINE SAMPLES. <i>Transplantation</i> , 1991, 52, 1109.	0.5	9
71	Gamification: an Innovative Approach to Reinforce Clinical Knowledge for MD-PhD Students During Their PhD Research Years. <i>Medical Science Educator</i> , 2019, 29, 739-747.	0.7	9
72	Critical Role for Glycoprotein Expression in Hematopoietic Cells in the FVB.Mdr1a ^{+/+} Model of Colitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2011, 53, 666-673.	0.9	9

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73	Optimization of Laboratory Ordering Practices for Complete Blood Count With Differential. <i>American Journal of Clinical Pathology</i> , 2019, 151, 306-315.	0.4	8
74	The Pathology Workforce and Clinical Licensure. <i>Academic Pathology</i> , 2018, 5, 2374289518775948.	0.7	7
75	Hypothalamic catecholamine changes under acute stress occur independently of nicotinic stimulation. <i>Neuroscience Letters</i> , 1982, 28, 47-50.	1.0	6
76	RECENT ADVANCES IN THE MOLECULAR BASIS OF PATHOGEN RECOGNITION AND HOST RESPONSES IN THE URINARY TRACT. <i>International Reviews of Immunology</i> , 2002, 21, 291-304.	1.5	6
77	Enzyme-based Antigen Localization and Quantitation in Cell and Tissue Samples (Midwestern Assay). <i>Journal of Histochemistry and Cytochemistry</i> , 1997, 45, 1629-1641.	1.3	5
78	Murine P-glycoprotein Deficiency Alters Intestinal Injury Repair and Blunts Lipopolysaccharide-Induced Radioprotection. <i>Radiation Research</i> , 2012, 178, 207.	0.7	5
79	Maintenance of host leukocytes in peripheral immune compartments following lethal irradiation and bone marrow reconstitution: Implications for graft versus host disease. <i>Transplant Immunology</i> , 2013, 28, 112-119.	0.6	3
80	Opportunity. <i>Academic Pathology</i> , 2016, 3, 2374289516632240.	0.7	3
81	FVB/N mouse strain regulatory T cells differ in phenotype and function from the C57BL/6 and BALB/C strains. <i>FASEB BioAdvances</i> , 2022, 4, 648-661.	1.3	3
82	Elucidation of the antigenic determinant in lipotropin for two monoclonal antibodies. <i>Biochemical and Biophysical Research Communications</i> , 1983, 116, 527-533.	1.0	2
83	Response to Comment on Sofi et al. pH of Drinking Water Influences the Composition of Gut Microbiome and Type 1 Diabetes Incidence. <i>Diabetes</i> 2014;63:632-644. <i>Diabetes</i> , 2015, 64, e20-e21.	0.3	2
84	Plasma Levels of Human Neutrophil Peptides and Complement Activation Markers in Patients with Acquired Autoimmune Thrombotic Thrombocytopenic Purpura. <i>Blood</i> , 2015, 126, 1147-1147.	0.6	2
85	Fostering a diverse regional community of physician-scientist trainees. <i>Journal of the National Medical Association</i> , 2022, 114, 251-257.	0.6	2
86	Insights into Environmental Factors Impacting Celiac Disease. <i>American Journal of Pathology</i> , 2015, 185, 2864-2866.	1.9	1
87	Use of the Cockroach Antigen Model of Acute Asthma to Determine the Immunomodulatory Role of Early Exposure to Gastrointestinal Infection. <i>Methods in Molecular Biology</i> , 2013, 1032, 271-286.	0.4	1
88	Predictors for in-Hospital Mortality in Patients with Autoimmune Thrombotic Thrombocytopenia Purpura (TTP): A Single Center Experience. <i>Blood</i> , 2016, 128, 3853-3853.	0.6	1
89	Perspective on careers in a large biotechnology company focused on research and development. <i>FASEB BioAdvances</i> , 2022, 4, 157-161.	1.3	1
90	The role of the tumor necrosis factor family of cytokines in the development of precancerous lesions associated with helicobacter infection. <i>Gastroenterology</i> , 2000, 118, A760.	0.6	0

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91	The requirement for lymphotoxin and Peyer's patches in the development of intestinal lamina propria lymphocytes. <i>Gastroenterology</i> , 2000, 118, A361.	0.6	0
92	Isolated lymphoid follicle formation is inducible and dependent upon lymphotoxin, lymphotoxin B receptor, and TNF receptor I function. <i>Gastroenterology</i> , 2003, 124, A82.	0.6	0
93	Toll-like receptor 2 (TLR2) is protective of ischemia/reperfusion mediated small bowel injury in an animal necrotizing enterocolitis (NEC) model: Possible role in developing mucosal immunity. <i>Journal of the American College of Surgeons</i> , 2006, 203, S52-S53.	0.2	0
94	Data Interpretation in Laboratory Medicine. , 2018, , 489-510.		0
95	Lifestyles of Physicians and Scientists: Balancing Careers and Family. <i>FASEB Journal</i> , 2012, 26, 105.3.	0.2	0
96	Microbial Sensing in the Intestine by Pattern Recognition Receptors. , 0, , 33-43.		0