Charlotte E Egan

List of Publications by Year
in descending order

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27 papers	2,289 citations	257101 24 h-index	552369 26 g-index
27 all docs	27 docs citations	27 times ranked	3680 citing authors

#	Article	IF	Citations
1	Retinoic Acid Improves Incidence and Severity of Necrotizing Enterocolitis by Lymphocyte Balance Restitution and Repopulation of LGR5+ Intestinal Stem Cells. Shock, 2017, 47, 22-32.	1.0	35
2	Peroxisome Proliferator-activated Receptor-Î³ Coactivator 1-Î± (PGC1Î±) Protects against Experimental Murine Colitis. Journal of Biological Chemistry, 2016, 291, 10184-10200.	1.6	65
3	Intestinal Epithelial TLR-4 Activation Is Required for the Development of Acute Lung Injury after Trauma/Hemorrhagic Shock via the Release of HMGB1 from the Gut. Journal of Immunology, 2015, 194, 4931-4939.	0.4	64
4	Toll-like receptor 4â€“mediated lymphocyte influx induces neonatal necrotizing enterocolitis. Journal of Clinical Investigation, 2015, 126, 495-508.	3.9	185
5	Toll-like Receptor 4-mediated Endoplasmic Reticulum Stress in Intestinal Crypts Induces Necrotizing Enterocolitis. Journal of Biological Chemistry, 2014, 289, 9584-9599.	1.6	141
6	CXCR3-Dependent CD4+ T Cells Are Required to Activate Inflammatory Monocytes for Defense against Intestinal Infection. PLoS Pathogens, 2013, 9, e1003706.	2.1	51
7	Endothelial TLR4 activation impairs intestinal microcirculatory perfusion in necrotizing enterocolitis via eNOSâ€“NOâ€“nitrite signaling. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9451-9456.	3.3	186
8	CCR2 and CD44 Promote Inflammatory Cell Recruitment during Fatty Liver Formation in a Lithogenic Diet Fed Mouse Model. PLoS ONE, 2013, 8, e65247.	1.1	26
9	Intestinal Intraepithelial Lymphocyte-Enterocyte Crosstalk Regulates Production of Bactericidal Angiogenin 4 by Paneth Cells upon Microbial Challenge. PLoS ONE, 2013, 8, e84553.	1.1	54
10	Amniotic fluid inhibits Toll-like receptor 4 signaling in the fetal and neonatal intestinal epithelium. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11330-11335.	3.3	151
11	Toll-like Receptor 4 Is Expressed on Intestinal Stem Cells and Regulates Their Proliferation and Apoptosis via the p53 Up-regulated Modulator of Apoptosis. Journal of Biological Chemistry, 2012, 287, 37296-37308.	1.6	182
12	CD73-generated adenosine facilitatesToxoplasma gondiidifferentiation to long-lived tissue cysts in the central nervous system. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16312-16317.	3.3	57
13	Trefoil Factor 2 Negatively Regulates Type 1 Immunity against Toxoplasma gondii. Journal of Immunology, 2012, 189, 3078-3084.	0.4	23
14	Insights into inflammatory bowel disease using Toxoplasma gondii as an infectious trigger. Immunology and Cell Biology, 2012, 90, 668-675.	1.0	64
15	Inflammation Drives Dysbiosis and Bacterial Invasion in Murine Models of Ileal Crohnâ€™s Disease. PLoS ONE, 2012, 7, e41594.	1.1	176
16	CCR2 Deletion Completely Eliminates and CD44 Deletion Partially Abrogates the Development of Hepatitis in a Mouse Model of NAFLD/NASH. Gastroenterology, 2011, 140, S-118.	0.6	0
17	Mouse neutrophils are professional antigen-presenting cells programmed to instruct Th1 and Th17 T-cell differentiation. International Immunology, 2011, 23, 317-326.	1.8	229
18	Synergy between intraepithelial lymphocytes and lamina propria T cells drives intestinal inflammation during infection. Mucosal Immunology, 2011, 4, 658-670.	2.7	34

#	Article	IF	Citations
19	CCR2-dependent intraepithelial lymphocytes mediate inflammatory gut pathology during Toxoplasma gondii infection. Mucosal Immunology, 2009, 2, 527-535.	2.7	43
20	Toxoplasma gondii Prevents Chromatin Remodeling Initiated by TLR-Triggered Macrophage Activation. Journal of Immunology, 2009, 182, 489-497.	0.4	66
21	Functional aspects of Toll-like receptor/MyD88 signalling during protozoan infection: focus on Toxoplasma gondii. Clinical and Experimental Immunology, 2009, 156, 17-24.	1.1	48
22	Understanding the multiple functions of Gr-1+ cell subpopulations during microbial infection. Immunologic Research, 2008, 40, 35-48.	1.3	65
23	TLR Adaptor MyD88 Is Essential for Pathogen Control during OralToxoplasma gondiiInfection but Not Adaptive Immunity Induced by a Vaccine Strain of the Parasite. Journal of Immunology, 2008, 181, 3464-3473.	0.4	97
24	Mouse Neutrophils Require JNK2 MAPK forToxoplasma gondii-Induced IL-12p40 and CCL2/MCP-1 Release. Journal of Immunology, 2007, 179, 3570-3577.	0.4	29
25	Intraepithelial Î³Î´+ Lymphocytes Maintain the Integrity of Intestinal Epithelial Tight Junctions in Response to Infection. Gastroenterology, 2006, 131, 818-829.	0.6	127
26	A Requirement for the VÎ³1+ Subset of Peripheral Î³Î´ T Cells in the Control of the Systemic Growth of Toxoplasma gondii and Infection-Induced Pathology. Journal of Immunology, 2005, 175, 8191-8199.	0.4	45
27	Delineation of the Function of a Major Î³Î´ T Cell Subset during Infection. Journal of Immunology, 2005, 175, 1741-1750.	0.4	46