

# Sherry D Fleming

## List of Publications by Year in descending order

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67  
papers

2,033  
citations

236925

25  
h-index

254184

43  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2459  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mice Deficient in Complement Receptors 1 and 2 Lack a Tissue Injury-Inducing Subset of the Natural Antibody Repertoire. <i>Journal of Immunology</i> , 2002, 169, 2126-2133.	0.8	165
2	Gelatinase Contributes to the Pathogenesis of Endocarditis Caused by <i>Enterococcus faecalis</i> . <i>Infection and Immunity</i> , 2010, 78, 4936-4943.	2.2	147
3	Pathogenic Natural Antibodies Recognizing Annexin IV Are Required to Develop Intestinal Ischemia-Reperfusion Injury. <i>Journal of Immunology</i> , 2009, 182, 5363-5373.	0.8	116
4	Anti-Phospholipid Antibodies Restore Mesenteric Ischemia/Reperfusion-Induced Injury in Complement Receptor 2/Complement Receptor 1-Deficient Mice. <i>Journal of Immunology</i> , 2004, 173, 7055-7061.	0.8	84
5	Complement, natural antibodies, autoantibodies and tissue injury. <i>Autoimmunity Reviews</i> , 2006, 5, 89-92.	5.8	77
6	<i>Enterococcus faecalis</i> Capsular Polysaccharide Serotypes C and D and Their Contributions to Host Innate Immune Evasion. <i>Infection and Immunity</i> , 2009, 77, 5551-5557.	2.2	76
7	Complement Inhibitor, Complement Receptor 1-Related Gene/Protein $\gamma$ -Ig Attenuates Intestinal Damage After the Onset of Mesenteric Ischemia/Reperfusion Injury in Mice. <i>Journal of Immunology</i> , 2001, 167, 5921-5927.	0.8	75
8	Murine macrophage activation by staphylococcal exotoxins. <i>Infection and Immunity</i> , 1991, 59, 4049-4055.	2.2	75
9	Pro- and Anti-Inflammatory Gene Expression in the Murine Small Intestine and Liver After Chronic Exposure to Alcohol. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 579-589.	2.4	69
10	The Complement System and Preeclampsia. <i>Current Hypertension Reports</i> , 2017, 19, 87.	3.5	69
11	Humoral innate immune response and disease. <i>Clinical Immunology</i> , 2012, 144, 142-158.	3.2	67
12	Macrophage invasion contributes to degeneration of stria vascularis in Pendred syndrome mouse model. <i>BMC Medicine</i> , 2006, 4, 37.	5.5	56
13	C5a causes limited, polymorphonuclear cell-independent, mesenteric ischemia/reperfusion-induced injury. <i>Clinical Immunology</i> , 2003, 108, 263-273.	3.2	53
14	TLR4-mediated Cox-2 expression increases intestinal ischemia/reperfusion-induced damage. <i>Journal of Leukocyte Biology</i> , 2009, 86, 971-980.	3.3	53
15	Essential Role of Complement in Pregnancy: From Implantation to Parturition and Beyond. <i>Frontiers in Immunology</i> , 2020, 11, 1681.	4.8	52
16	Bone Marrow Leptin Signaling Mediates Obesity-Associated Adipose Tissue Inflammation in Male Mice. <i>Endocrinology</i> , 2014, 155, 40-46.	2.8	50
17	Accelerated Ischemia/Reperfusion-Induced Injury in Autoimmunity-Prone Mice. <i>Journal of Immunology</i> , 2004, 173, 4230-4235.	0.8	49
18	Complement regulates TLR4-mediated inflammatory responses during intestinal ischemia reperfusion. <i>Molecular Immunology</i> , 2010, 48, 356-364.	2.2	42

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19	Natural antibodies, autoantibodies and complement activation in tissue injury. <i>Autoimmunity</i> , 2006, 39, 379-386.	2.6	40
20	Overexpression of eIF5 or its protein mimic 5MP perturbs eIF2 function and induces <i>ATF4</i> translation through delayed re-initiation. <i>Nucleic Acids Research</i> , 2016, 44, 8704-8713.	14.5	40
21	Human c1 esterase inhibitor attenuates murine mesenteric ischemia/reperfusion induced local organ injury. <i>Journal of Surgical Research</i> , 2003, 115, 247-256.	1.6	39
22	Effects of Corticosterone and Microgravity on Inflammatory Cell Production of Superoxide. <i>Journal of Leukocyte Biology</i> , 1991, 50, 69-76.	3.3	38
23	C5 is required for CD49d expression on neutrophils and VCAM expression on vascular endothelial cells following mesenteric ischemia/reperfusion. The opinions contained herein are the private ones of the authors and are not to be construed as official policy or reflecting the views of the Department of Defense. <i>Clinical Immunology</i> , 2003, 106, 55-64.	3.2	35
24	Heat stress protection against mesenteric I/R-induced alterations in intestinal mucosa in rats. <i>Journal of Applied Physiology</i> , 2002, 92, 2600-2607.	2.5	28
25	Autoimmunity, Complement Activation, Tissue Injury and Reciprocal Effects. , 2003, 7, 149-164.		27
26	Toll-like receptor 4 signaling is required for induction of gluconeogenic gene expression by palmitate in human hepatic carcinoma cells. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1499-1507.	4.2	25
27	Transforming Growth Factor Beta Signaling in Dendritic Cells Is Required for Immunotolerance to Sperm in the Epididymis. <i>Frontiers in Immunology</i> , 2018, 9, 1882.	4.8	25
28	Intravenous immunoglobulin attenuates mesenteric ischemia reperfusion injury. <i>Clinical Immunology</i> , 2005, 114, 137-146.	3.2	24
29	Complement Component C5a Mediates Hemorrhage-Induced Intestinal Damage. <i>Journal of Surgical Research</i> , 2008, 150, 196-203.	1.6	22
30	Domain V Peptides Inhibit Î²2-Glycoprotein I-Mediated Mesenteric Ischemia/Reperfusion-Induced Tissue Damage and Inflammation. <i>Journal of Immunology</i> , 2010, 185, 6168-6178.	0.8	22
31	Interactions of viruses and the humoral innate immune response. <i>Clinical Immunology</i> , 2020, 212, 108351.	3.2	20
32	Role of IgM and angiotensin II Type I receptor autoantibodies in local complement activation in placental ischemia-induced hypertension in the rat. <i>Molecular Immunology</i> , 2016, 78, 38-47.	2.2	19
33	TLR2 Modulates Antibodies Required for Intestinal Ischemia/Reperfusion-Induced Damage and Inflammation. <i>Journal of Immunology</i> , 2015, 194, 1190-1198.	0.8	18
34	Role of B1 and B2 lymphocytes in placental ischemia-induced hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H732-H742.	3.2	17
35	Small Î²2-Glycoprotein I Peptides Protect from Intestinal Ischemia Reperfusion Injury. <i>Journal of Immunology</i> , 2012, 189, 5047-5056.	0.8	16
36	Membrane lipid interactions in intestinal ischemia/reperfusion-induced Injury. <i>Clinical Immunology</i> , 2014, 153, 228-240.	3.2	16

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37	Intestinal lipid alterations occur prior to antibody-induced prostaglandin E2 production in a mouse model of ischemia/reperfusion. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 517-525.	2.4	15
38	Evasion and interactions of the humoral innate immune response in pathogen invasion, autoimmune disease, and cancer. <i>Clinical Immunology</i> , 2015, 160, 244-254.	3.2	15
39	TLR2 Regulates Complement-Mediated Inflammation Induced by Blood Loss During Hemorrhage. <i>Shock</i> , 2016, 45, 33-39.	2.1	12
40	Interactions between the complement and endothelin systems in normal pregnancy and following placental ischemia. <i>Molecular Immunology</i> , 2019, 114, 10-18.	2.2	12
41	Drivers and regulators of humoral innate immune responses to infection and cancer. <i>Molecular Immunology</i> , 2020, 121, 99-110.	2.2	12
42	Complement Initiation Varies by Sex in Intestinal Ischemia Reperfusion Injury. <i>Frontiers in Immunology</i> , 2021, 12, 649882.	4.8	12
43	CR2+ Marginal Zone B Cell Production of Pathogenic Natural Antibodies Is C3 Independent. <i>Journal of Immunology</i> , 2011, 186, 1755-1762.	0.8	11
44	Macrophage-Produced IL-12p70 Mediates Hemorrhage-Induced Damage in a Complement-Dependent Manner. <i>Shock</i> , 2011, 35, 134-140.	2.1	9
45	A Study of the Cellular Uptake of Magnetic Branched Amphiphilic Peptide Capsules. <i>Molecular Pharmaceutics</i> , 2020, 17, 2208-2220.	4.6	9
46	Editorial: Innate Immunity in Normal and Adverse Pregnancy. <i>Frontiers in Immunology</i> , 2021, 12, 646596.	4.8	9
47	Naturally Occurring Autoantibodies Mediate Ischemia/Reperfusion-Induced Tissue Injury. <i>Advances in Experimental Medicine and Biology</i> , 2012, 750, 174-185.	1.6	9
48	Natural <i>Helicobacter</i> infection modulates mouse intestinal muscularis macrophage responses. <i>Cell Biochemistry and Function</i> , 2010, 28, 686-694.	2.9	7
49	Phospholipid scramblase 1 is required for Î²2-glycoprotein I binding in hypoxia and reoxygenation-induced endothelial inflammation. <i>Journal of Leukocyte Biology</i> , 2015, 98, 791-804.	3.3	7
50	TLR9 is dispensable for intestinal ischemia/reperfusion-induced tissue damage. <i>American Journal of Clinical and Experimental Immunology</i> , 2012, 1, 124-135.	0.2	7
51	Hemorrhage-Induced Intestinal Damage is Complement-Independent in <i>Helicobacter Hepaticus</i> -Infected Mice. <i>Shock</i> , 2010, 34, 467-474.	2.1	6
52	Eicosanoid production varies by sex in mesenteric ischemia reperfusion injury. <i>Clinical Immunology</i> , 2020, 220, 108596.	3.2	6
53	<i>Helicobacter</i> infection alters MyD88 and Trif signalling in response to intestinal ischaemia-reperfusion. <i>Experimental Physiology</i> , 2011, 96, 104-113.	2.0	5
54	Human Î²2-glycoprotein I attenuates mouse intestinal ischemia/reperfusion induced injury and inflammation. <i>Molecular Immunology</i> , 2012, 52, 207-216.	2.2	5

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55	Tick Intrastadial Feeding and Its Role on IgE Production in the Murine Model of Alpha-gal Syndrome: The Tick "Transmission" Hypothesis. <i>Frontiers in Immunology</i> , 2022, 13, 844262.	4.8	5
56	Radiotherapy: killing with complement. <i>Annals of Translational Medicine</i> , 2016, 4, 94-94.	1.7	4
57	Proteome dataset of subcutaneous adipose tissue from postpartum cows treated with sodium salicylate. <i>Data in Brief</i> , 2019, 26, 104567.	1.0	3
58	Beta2 glycoprotein I-derived therapeutic peptides induce sFlt-1 secretion to reduce melanoma vascularity and growth. <i>Cancer Letters</i> , 2020, 495, 66-75.	7.2	3
59	Glucocorticoid Effects on Immune Cell Activation by Staphylococcal Exotoxins and Lipopolysaccharide. <i>Transactions of the Kansas Academy of Science</i> , 1992, 95, 23.	0.1	1
60	Reply to "Letter to the Editor: Importance of B cells in response to placental ischemia". <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H726-H728.	3.2	1
61	Pro- and Anti-Inflammatory Gene Expression in the Murine Small Intestine and Liver After Chronic Exposure to Alcohol. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 579-589.	2.4	1
62	Abstract P303: Endothelin Modulates Local Complement Activation in Placental Ischemia-induced Hypertension. <i>Hypertension</i> , 2017, 70, .	2.7	1
63	Role of Complement in Intestinal Ischemia/Reperfusion Induced Injury. , 2004, , 437-449.		0
64	Endothelin modulation of local complement activation in pregnancy. <i>Molecular Immunology</i> , 2018, 102, 203.	2.2	0
65	Complement C3 and IgM Deposition in Placental Ischemia-induced Hypertension in Rat. <i>FASEB Journal</i> , 2015, 29, 810.3.	0.5	0
66	Depletion of B1 and B2 lymphocytes in placental ischemia-induced hypertension in the rat. <i>FASEB Journal</i> , 2018, 32, 729.4.	0.5	0
67	Tissue distribution studies of the peptide bilayer coated magnetic nanobeads and delivery of an adducted peptide, to retard melanoma growth, in vivo. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0