Caroline A Jefferies

List of Publications by Year
in descending order

72 papers	5,412 citations	109321 35 h-index	102487 66 g-index
79 all docs	79 docs citations	79 times ranked	7491 citing authors

#	Article	IF	Citations
1	Neutrophils Contribute to ER Stress in Lung Epithelial Cells in the Pristane-Induced Diffuse Alveolar Hemorrhage Mouse Model. Frontiers in Immunology, 2022, 13, 790043.	4.8	12
2	Coronary Microvascular Dysfunction in Patients With Systemic Lupus Erythematosus and Chest Pain. Frontiers in Cardiovascular Medicine, 2022, 9, 867155.	2.4	7
3	The lung in systemic lupus erythematosus. , 2021, , 427-438.		0
4	Human Placenta MicroRNA Differences Between First and Third Trimester. Journal of the Endocrine Society, 2021, 5, A504-A505.	0.2	0
5	Sex Differences in the Human Placenta MicroRNA Transcriptome. Journal of the Endocrine Society, 2021, 5, A753-A753.	0.2	0
6	High-throughput miRNAÂsequencing of the human placenta: expression throughout gestation. Epigenomics, 2021, 13, 995-1012.	2.1	19
7	1501â€…Genetics of age at systemic lupus erythematosus diagnosis. , 2021, , .		0
8	Regulation of cGAS-STING pathway - Implications for systemic lupus erythematosus. Rheumatology and Immunology Research, 2021, 2, 173-184.	0.8	6
9	Oxidative DNA Damage Accelerates Skin Inflammation in Pristane-Induced Lupus Model. Frontiers in Immunology, 2020, 11, 554725.	4.8	32
10	Type 1 Interferon Gene Signature Promotes RBC Alloimmunization in a Lupus Mouse Model. Frontiers in Immunology, 2020, 11, 584254.	4.8	10
11	C9orf72 in myeloid cells suppresses STING-induced inflammation. Nature, 2020, 585, 96-101.	27.8	164
12	Nucleic Acid Sensors as Therapeutic Targets for Human Disease. Immunity, 2020, 53, 78-97.	14.3	44
13	miR-744-5p contributes to ocular inflammation in patients with primary Sjogrens Syndrome. Scientific Reports, 2020, 10, 7484.	3.3	13
14	Herpes simplex virus 1 targets IRF7 via ICP0 to limit type I IFN induction. Scientific Reports, 2020, 10, 22216.	3.3	15
15	Innate Immune Dysregulation in the Development of Cardiovascular Disease in Lupus. Current Rheumatology Reports, 2019, 21, 46.	4.7	15
16	TMEM203 is a binding partner and regulator of STING-mediated inflammatory signaling in macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16479-16488.	7.1	43
17	Regulating IRFs in IFN Driven Disease. Frontiers in Immunology, 2019, 10, 325.	4.8	243
18	Pathogenesis of Fibrosisâ€"The Lung as a Model. , 2019, , 261-268.		0

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19	Systemic IL-1Î² production as a consequence of corneal HSV-1 infection-contribution to the development of herpes simplex keratitis. International Journal of Ophthalmology, 2019, 12, 1493-1497.	1.1	4
20	Type 1 Interferon Promotes RBC Alloimmunization in a Lupus Mouse Model. Blood, 2019, 134, 101-101.	1.4	0
21	Macrophage MMP10 Regulates TLR7-Mediated Tolerance. Frontiers in Immunology, 2018, 9, 2817.	4.8	9
22	IL-16/miR-125a axis controls neutrophil recruitment in pristane-induced lung inflammation. JCI Insight, 2018, 3, .	5.0	34
23	Ursodeoxycholic acid and lithocholic acid exert anti-inflammatory actions in the colon. American Journal of Physiology - Renal Physiology, 2017, 312, G550-G558.	3.4	170
24	MicroRNA-302d targets IRF9 to regulate the IFN-induced gene expression in SLE. Journal of Autoimmunity, 2017, 79, 105-111.	6.5	66
25	The RNA binding protein La/SS-B promotes RIG-I-mediated type I and type III IFN responses following Sendai viral infection. Scientific Reports, 2017, 7, 14537.	3.3	6
26	High-throughput methods for screening liposomeâ€"macrophage cell interaction. Journal of Liposome Research, 2015, 25, 211-221.	3.3	9
27	Isolation of microRNA from conjunctival impression cytology. Experimental Eye Research, 2015, 132, 109-114.	2.6	7
28	TRIM68 Negatively Regulates IFN-Î² Production by Degrading TRK Fused Gene, a Novel Driver of IFN-Î² Downstream of Anti-Viral Detection Systems. PLoS ONE, 2014, 9, e101503.	2.5	23
29	TRIpartite Motif 21 (TRIM21) Differentially Regulates the Stability of Interferon Regulatory Factor 5 (IRF5) Isoforms. PLoS ONE, 2014, 9, e103609.	2.5	53
30	Estrogen Receptor Î± Regulates Tripartite Motifâ€"Containing Protein 21 Expression, Contributing to Dysregulated Cytokine Production in Systemic Lupus Erythematosus. Arthritis and Rheumatology, 2014, 66, 163-172.	5.6	21
31	The association of cytokines with disease activity and damage scores in systemic lupus erythematosus patients. Rheumatology, 2014, 53, 1586-1594.	1.9	71
32	Role of DNA/RNA sensors and contribution to autoimmunity. Cytokine and Growth Factor Reviews, 2014, 25, 745-757.	7.2	46
33	IRF5-mediated signaling and implications for SLE. Clinical Immunology, 2014, 153, 343-352.	3.2	53
34	Btk Regulates Macrophage Polarization in Response to Lipopolysaccharide. PLoS ONE, 2014, 9, e85834.	2.5	109
35	Suppressors of Cytokine Signaling 2 and 3 Diametrically Control Macrophage Polarization. Immunity, 2013, 39, 196-197.	14.3	27
36	Elevated B lymphocyte stimulator levels are associated with increased damage in an Irish systemic lupus erythematosus cohort. Rheumatology, 2013, 52, 1279-1284.	1.9	43

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37	Bruton's Tyrosine Kinase Is Required for Apoptotic Cell Uptake via Regulating the Phosphorylation and Localization of Calreticulin. Journal of Immunology, 2013, 190, 5207-5215.	0.8	48
38	Genetics of SLE: Functional Relevance for Monocytes/Macrophages in Disease. Clinical and Developmental Immunology, 2012, 2012, 1-15.	3.3	41
39	Fibroblast growth factor homologous factor 1 interacts with NEMO to regulate NF-Î°B signaling in neurons. Journal of Cell Science, 2012, 125, 6058-6070.	2.0	23
40	Protein tyrosine phosphatase receptor delta acts as a neuroblastoma tumor suppressor by destabilizing the aurora kinase a oncogene. Molecular Cancer, 2012, 11, 6.	19.2	36
41	Enhanced interferon regulatory factor 3 binding to the interleukinâ€23p19 promoter correlates with enhanced interleukinâ€23 expression in systemic lupus erythematosus. Arthritis and Rheumatism, 2012, 64, 1601-1609.	6.7	32
42	Defects in acute responses to TLR4 in Btk-deficient mice result in impaired dendritic cell-induced IFN-Î³ production by natural killer cells. Clinical Immunology, 2012, 142, 373-382.	3.2	28
43	Tyrosine Phosphorylation of the E3 Ubiquitin Ligase TRIM21 Positively Regulates Interaction with IRF3 and Hence TRIM21 Activity. PLoS ONE, 2012, 7, e34041.	2.5	33
44	Extractable Nuclear Antigens and SLE: Specificity and Role in Disease Pathogenesis. , 2011, , 259-274.		3
45	Antiviral TRIMs: friend or foe in autoimmune and autoinflammatory disease?. Nature Reviews Immunology, 2011, 11, 617-625.	22.7	79
46	Evaluation and optimization of IgY Spin Column technology in the depletion of abundant proteins from human serum. Proteomics, 2011, 11, 3415-3419.	2.2	8
47	TLR-induced activation of Btk â€“ Role for endosomal MHC class II molecules revealed. Cell Research, 2011, 21, 998-1001.	12.0	12
48	Targeted Liposomal Drug Delivery to Monocytes and Macrophages. Journal of Drug Delivery, 2011, 2011, 1-11.	2.5	293
49	Self Protection from Anti-Viral Responses â€“ Ro52 Promotes Degradation of the Transcription Factor IRF7 Downstream of the Viral Toll-Like Receptors. PLoS ONE, 2010, 5, e11776.	2.5	115
50	Absence of SHIP-1 Results in Constitutive Phosphorylation of Tank-Binding Kinase 1 and Enhanced TLR3-Dependent IFN-Î² Production. Journal of Immunology, 2010, 184, 2314-2320.	0.8	72
51	Siglec-E is up-regulated and phosphorylated following lipopolysaccharide stimulation in order to limit TLR-driven cytokine production. Journal of Immunology, 2010, 184, 1655-1655.	0.8	0
52	Siglec-E Is Up-Regulated and Phosphorylated Following Lipopolysaccharide Stimulation in Order to Limit TLR-Driven Cytokine Production. Journal of Immunology, 2009, 183, 7703-7709.	0.8	70
53	Loss of the lupus autoantigen Ro52/Trim21 induces tissue inflammation and systemic autoimmunity by disregulating the IL-23â€“Th17 pathway. Journal of Experimental Medicine, 2009, 206, 1661-1671.	8.5	259
54	2D-DIGE: Comparative Proteomics of Cellular Signalling Pathways. Methods in Molecular Biology, 2009, 517, 105-132.	0.9	18

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55	Proteomic Analysis of Protein Complexes in Toll-Like Receptor Biology. Methods in Molecular Biology, 2009, 517, 91-104.	0.9	0
56	The E3 Ubiquitin Ligase Ro52 Negatively Regulates IFN-Î² Production Post-Pathogen Recognition by Polyubiquitin-Mediated Degradation of IRF3. Journal of Immunology, 2008, 181, 1780-1786.	0.8	268
57	Targeting IRFs by ubiquitination: regulating antiviral responses. Biochemical Society Transactions, 2008, 36, 453-458.	3.4	19
58	Signaling by Toll-like Receptors 8 and 9 Requires Bruton's Tyrosine Kinase. Journal of Biological Chemistry, 2007, 282, 36953-36960.	3.4	108
59	SOCS3 Targets Siglec 7 for Proteasomal Degradation and Blocks Siglec 7-mediated Responses. Journal of Biological Chemistry, 2007, 282, 3418-3422.	3.4	55
60	NF-Î°B activation by the Toll-IL-1 receptor domain protein MyD88 adapter-like is regulated by caspase-1. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3372-3377.	7.1	118
61	Inhibition of cathepsin L-like proteases by cathepsin V propeptide. Biological Chemistry, 2007, 388, 541-5.	2.5	14
62	IL-33: A Sheep in Wolfâ€™s Clothing?. Science Signaling, 2007, 2007, pe31.	3.6	45
63	MyD88 Adapter-like (Mal) Is Phosphorylated by Bruton's Tyrosine Kinase during TLR2 and TLR4 Signal Transduction. Journal of Biological Chemistry, 2006, 281, 10489-10495.	3.4	175
64	Bruton's Tyrosine Kinase Is Involved in p65-mediated Transactivation and Phosphorylation of p65 on Serine 536 during NFÎ°B Activation by Lipopolysaccharide. Journal of Biological Chemistry, 2005, 280, 23496-23501.	3.4	125
65	Interferon gene regulation: not all roads lead to Tolls. Trends in Molecular Medicine, 2005, 11, 403-411.	6.7	31
66	Brutonâ€™s tyrosine kinase (Btk)â€"the critical tyrosine kinase in LPS signalling?. Immunology Letters, 2004, 92, 15-22.	2.5	68
67	Bruton's Tyrosine Kinase Is a Toll/Interleukin-1 Receptor Domain-binding Protein That Participates in Nuclear Factor Î°B Activation by Toll-like Receptor 4. Journal of Biological Chemistry, 2003, 278, 26258-26264.	3.4	260
68	Interferon Regulatory Factor-3-mediated Activation of the Interferon-sensitive Response Element by Toll-like receptor (TLR) 4 but Not TLR3 Requires the p65 Subunit of NF-Î°. Journal of Biological Chemistry, 2003, 278, 50923-50931.	3.4	105
69	Mal and MyD88: adapter proteins involved in signal transduction by Toll-like receptors. Journal of Endotoxin Research, 2003, 9, 55-59.	2.5	36
70	Mal (MyD88-adapter-like) is required for Toll-like receptor-4 signal transduction. Nature, 2001, 413, 78-83.	27.8	1,122
71	Transactivation by the p65 Subunit of NF-Î°B in Response to Interleukin-1 (IL-1) Involves MyD88, IL-1 Receptor-Associated Kinase 1, TRAF-6, and Rac1. Molecular and Cellular Biology, 2001, 21, 4544-4552.	2.3	81
72	Rac1 Regulates Interleukin 1-induced Nuclear Factor Î°B Activation in an Inhibitory Protein Î°BÎ±-independent Manner by Enhancing the Ability of the p65 Subunit to Transactivate Gene Expression. Journal of Biological Chemistry, 2000, 275, 3114-3120.	3.4	79