Irina A Udalova

List of Publications by Year
in descending order

51	9,348	159358	214527
papers	citations	30 h-index	47 g-index

53	53	53	16374
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid neutrophil mobilization by VCAM-1+ endothelial cell-derived extracellular vesicles. Cardiovascular Research, 2023, 119, 236-251.	1.8	22
2	Macrophage commonalities across tissues and inflammation. Nature Reviews Immunology, 2022, 22, 2-2.	10.6	4
3	C-type lectin receptor CLEC4A2 promotes tissue adaptation of macrophages and protects against atherosclerosis. Nature Communications, 2022, 13, 215.	5.8	28
4	Interferon regulatory factor-5-dependent CD11c+ macrophages contribute to the formation of ruptureâ€“prone atherosclerotic plaques. European Heart Journal, 2022, 43, 1864-1877.	1.0	27
5	The role of neutrophils in rheumatic disease-associated vascular inflammation. Nature Reviews Rheumatology, 2022, 18, 158-170.	3.5	32
6	Deuterated Arachidonic Acid Ameliorates Lipopolysaccharide-Induced Lung Damage in Mice. Antioxidants, 2022, 11, 681.	2.2	5
7	Neutrophil phenotypes and functions in cancer: A consensus statement. Journal of Experimental Medicine, 2022, 219, .	4.2	119
8	The Zinc Finger Protein Zbtb18 Represses Expression of Class I Phosphatidylinositol 3-Kinase Subunits and Inhibits Plasma Cell Differentiation. Journal of Immunology, 2021, 206, 1515-1527.	0.4	3
9	Distinct transcription factor networks control neutrophil-driven inflammation. Nature Immunology, 2021, 22, 1093-1106.	7.0	83
10	Synovial single-cell heterogeneity, zonation, and interactions: a patchwork of effectors in arthritis. Rheumatology, 2021, , .	0.9	4
11	Hyperglycemia Induces Trained Immunity in Macrophages and Their Precursors and Promotes Atherosclerosis. Circulation, 2021, 144, 961-982.	1.6	109
12	Regional specialization of macrophages along the gastrointestinal tract. Trends in Immunology, 2021, 42, 795-806.	2.9	11
13	IRF5 regulates airway macrophage metabolic responses. Clinical and Experimental Immunology, 2021, 204, 134-143.	1.1	9
14	Defactinib inhibits PYK2 phosphorylation of IRF5 and reduces intestinal inflammation. Nature Communications, 2021, 12, 6702.	5.8	13
15	Co-option of Neutrophil Fates by Tissue Environments. Cell, 2020, 183, 1282-1297.e18.	13.5	246
16	Antibody response to homologous epitopes of Epstein-Barr virus, Mycobacterium avium subsp. paratuberculosis and IRF5 in patients with different connective tissue diseases and in mouse model of antigen-induced arthritis. Journal of Translational Autoimmunity, 2020, 3, 100048.	2.0	15
17	Distinct synovial tissue macrophage subsets regulate inflammation and remission in rheumatoid arthritis. Nature Medicine, 2020, 26, 1295-1306.	15.2	304
18	Transcriptional regulation of neutrophil differentiation and function during inflammation. Journal of Leukocyte Biology, 2020, 107, 419-430.	1.5	31

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19	IRF5 Promotes Influenza Virus-Induced Inflammatory Responses in Human Induced Pluripotent Stem Cell-Derived Myeloid Cells and Murine Models. Journal of Virology, 2020, 94, .	1.5	20
20	IRF5 guides monocytes toward an inflammatory CD11c ⁺ macrophage phenotype and promotes intestinal inflammation. Science Immunology, 2020, 5, .	5.6	48
21	ROS-producing immature neutrophils in giant cell arteritis are linked to vascular pathologies. JCI Insight, 2020, 5, .	2.3	53
22	Caspase-8 promotes c-Relâ€“dependent inflammatory cytokine expression and resistance against Toxoplasma gondii. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11926-11935.	3.3	42
23	Aâ€…Endothelial cell derived extracellular vesicles mediate neutrophil deployment from the spleen following acute myocardial infarction. , 2019, , .		0
24	Advances and challenges in targeting IRF5, a key regulator of inflammation. FEBS Journal, 2019, 286, 1624-1637.	2.2	62
25	Multiparametric Analysis of Myeloid Populations by Flow Cytometry. Methods in Molecular Biology, 2018, 1745, 113-124.	0.4	0
26	Diverse mechanisms of IRF5 action in inflammatory responses. International Journal of Biochemistry and Cell Biology, 2018, 99, 38-42.	1.2	19
27	Aâ€…Diabetes-induced innate immune memory drives inflammation and atherosclerosis, despite restoration of normoglycaemia. , 2018, , .		1
28	Interferon Regulatory Factor 5 Controls Necrotic Core Formation in Atherosclerotic Lesions by Impairing Efferocytosis. Circulation, 2017, 136, 1140-1154.	1.6	74
29	A critical role for IRF5 in regulating allergic airway inflammation. Mucosal Immunology, 2017, 10, 716-726.	2.7	31
30	Anti-TNF Therapy. , 2017, , 637-648.		4
31	Endothelium-derived extracellular vesicles promote splenic monocyte mobilization in myocardial infarction. JCI Insight, 2017, 2, .	2.3	75
32	IRF5 governs liver macrophage activation that promotes hepatic fibrosis in mice and humans. JCI Insight, 2016, 1, e88689.	2.3	43
33	Macrophage heterogeneity in the context of rheumatoid arthritis. Nature Reviews Rheumatology, 2016, 12, 472-485.	3.5	493
34	Anti-TNF Therapy. Microbiology Spectrum, 2016, 4, .	1.2	50
35	Interferon regulatory factor 5 in human autoimmunity and murine models of autoimmune disease. Translational Research, 2016, 167, 167-182.	2.2	70
36	Low shear stress induces M1 macrophage polarization in murine thin-cap atherosclerotic plaques. Journal of Molecular and Cellular Cardiology, 2015, 89, 168-172.	0.9	35

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37	IRF5 controls both acute and chronic inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11001-11006.	3.3	125
38	Irf5 deficiency in macrophages promotes beneficial adipose tissue expansion and insulin sensitivity during obesity. Nature Medicine, 2015, 21, 610-618.	15.2	149
39	IFN-Î» resolves inflammation via suppression of neutrophil infiltration and IL-1Î² production. Journal of Experimental Medicine, 2015, 212, 845-853.	4.2	194
40	Activation and Function of Interferon Regulatory Factor 5. Journal of Interferon and Cytokine Research, 2015, 35, 71-78.	0.5	31
41	IRF5:RelA Interaction Targets Inflammatory Genes in Macrophages. Cell Reports, 2014, 8, 1308-1317.	2.9	94
42	Macrophage Activation and Polarization: Nomenclature and Experimental Guidelines. Immunity, 2014, 41, 14-20.	6.6	4,638
43	Interferon-Î² Production via Dectin-1-Syk-IRF5 Signaling in Dendritic Cells Is Crucial for Immunity to C.Âalbicans. Immunity, 2013, 38, 1176-1186.	6.6	158
44	IRF5 Is a Specific Marker of Inflammatory MacrophagesIn Vivo. Mediators of Inflammation, 2013, 2013, 1-9.	1.4	103
45	Cross-species Analysis Reveals Evolving and Conserved Features of the Nuclear Factor ÎºB (NF-ÎºB) Proteins. Journal of Biological Chemistry, 2013, 288, 11546-11554.	1.6	15
46	KAP1/TRIM28: An inhibitor of IRF5 function in inflammatory macrophages. Immunobiology, 2012, 217, 1315-1324.	0.8	61
47	Principles of dimer-specific gene regulation revealed by a comprehensive characterization of NF-ÎºB family DNA binding. Nature Immunology, 2012, 13, 95-102.	7.0	188
48	Extensive characterization of NF-ÎºB binding uncovers non-canonical motifs and advances the interpretation of genetic functional traits. Genome Biology, 2011, 12, R70.	13.9	137
49	IRF5 promotes inflammatory macrophage polarization and TH1-TH17 responses. Nature Immunology, 2011, 12, 231-238.	7.0	1,068
50	Expression and Immune Function of Tenascin-C. Critical Reviews in Immunology, 2011, 31, 115-145.	1.0	98
51	IRF5 is required for late-phase TNF secretion by human dendritic cells. Blood, 2010, 115, 4421-4430.	0.6	99