

Irina A Udalova

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

9,348
citations

159358

30
h-index

214527

47
g-index

53
all docs

53
docs citations

53
times ranked

16374
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophage Activation and Polarization: Nomenclature and Experimental Guidelines. <i>Immunity</i> , 2014, 41, 14-20.	6.6	4,638
2	IRF5 promotes inflammatory macrophage polarization and TH1-TH17 responses. <i>Nature Immunology</i> , 2011, 12, 231-238.	7.0	1,068
3	Macrophage heterogeneity in the context of rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , 2016, 12, 472-485.	3.5	493
4	Distinct synovial tissue macrophage subsets regulate inflammation and remission in rheumatoid arthritis. <i>Nature Medicine</i> , 2020, 26, 1295-1306.	15.2	304
5	Co-option of Neutrophil Fates by Tissue Environments. <i>Cell</i> , 2020, 183, 1282-1297.e18.	13.5	246
6	IFN- γ resolves inflammation via suppression of neutrophil infiltration and IL-1 β production. <i>Journal of Experimental Medicine</i> , 2015, 212, 845-853.	4.2	194
7	Principles of dimer-specific gene regulation revealed by a comprehensive characterization of NF- κ B family DNA binding. <i>Nature Immunology</i> , 2012, 13, 95-102.	7.0	188
8	Interferon- β Production via Dectin-1-Syk-IRF5 Signaling in Dendritic Cells Is Crucial for Immunity to <i>C. Albicans</i> . <i>Immunity</i> , 2013, 38, 1176-1186.	6.6	158
9	Irf5 deficiency in macrophages promotes beneficial adipose tissue expansion and insulin sensitivity during obesity. <i>Nature Medicine</i> , 2015, 21, 610-618.	15.2	149
10	Extensive characterization of NF- κ B binding uncovers non-canonical motifs and advances the interpretation of genetic functional traits. <i>Genome Biology</i> , 2011, 12, R70.	13.9	137
11	IRF5 controls both acute and chronic inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11001-11006.	3.3	125
12	Neutrophil phenotypes and functions in cancer: A consensus statement. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	119
13	Hyperglycemia Induces Trained Immunity in Macrophages and Their Precursors and Promotes Atherosclerosis. <i>Circulation</i> , 2021, 144, 961-982.	1.6	109
14	IRF5 Is a Specific Marker of Inflammatory Macrophages <i>In Vivo</i> . <i>Mediators of Inflammation</i> , 2013, 2013, 1-9.	1.4	103
15	IRF5 is required for late-phase TNF secretion by human dendritic cells. <i>Blood</i> , 2010, 115, 4421-4430.	0.6	99
16	Expression and Immune Function of Tenascin-C. <i>Critical Reviews in Immunology</i> , 2011, 31, 115-145.	1.0	98
17	IRF5:RelA Interaction Targets Inflammatory Genes in Macrophages. <i>Cell Reports</i> , 2014, 8, 1308-1317.	2.9	94
18	Distinct transcription factor networks control neutrophil-driven inflammation. <i>Nature Immunology</i> , 2021, 22, 1093-1106.	7.0	83

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19	Endothelium-derived extracellular vesicles promote splenic monocyte mobilization in myocardial infarction. <i>JCI Insight</i> , 2017, 2, .	2.3	75
20	Interferon Regulatory Factor 5 Controls Necrotic Core Formation in Atherosclerotic Lesions by Impairing Efferocytosis. <i>Circulation</i> , 2017, 136, 1140-1154.	1.6	74
21	Interferon regulatory factor 5 in human autoimmunity and murine models of autoimmune disease. <i>Translational Research</i> , 2016, 167, 167-182.	2.2	70
22	Advances and challenges in targeting IRF5, a key regulator of inflammation. <i>FEBS Journal</i> , 2019, 286, 1624-1637.	2.2	62
23	KAP1/TRIM28: An inhibitor of IRF5 function in inflammatory macrophages. <i>Immunobiology</i> , 2012, 217, 1315-1324.	0.8	61
24	ROS-producing immature neutrophils in giant cell arteritis are linked to vascular pathologies. <i>JCI Insight</i> , 2020, 5, .	2.3	53
25	Anti-TNF Therapy. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	50
26	IRF5 guides monocytes toward an inflammatory CD11c ⁺ macrophage phenotype and promotes intestinal inflammation. <i>Science Immunology</i> , 2020, 5, .	5.6	48
27	IRF5 governs liver macrophage activation that promotes hepatic fibrosis in mice and humans. <i>JCI Insight</i> , 2016, 1, e88689.	2.3	43
28	Caspase-8 promotes c-Rel-dependent inflammatory cytokine expression and resistance against <i>Toxoplasma gondii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11926-11935.	3.3	42
29	Low shear stress induces M1 macrophage polarization in murine thin-cap atherosclerotic plaques. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 89, 168-172.	0.9	35
30	The role of neutrophils in rheumatic disease-associated vascular inflammation. <i>Nature Reviews Rheumatology</i> , 2022, 18, 158-170.	3.5	32
31	Activation and Function of Interferon Regulatory Factor 5. <i>Journal of Interferon and Cytokine Research</i> , 2015, 35, 71-78.	0.5	31
32	A critical role for IRF5 in regulating allergic airway inflammation. <i>Mucosal Immunology</i> , 2017, 10, 716-726.	2.7	31
33	Transcriptional regulation of neutrophil differentiation and function during inflammation. <i>Journal of Leukocyte Biology</i> , 2020, 107, 419-430.	1.5	31
34	C-type lectin receptor CLEC4A2 promotes tissue adaptation of macrophages and protects against atherosclerosis. <i>Nature Communications</i> , 2022, 13, 215.	5.8	28
35	Interferon regulatory factor-5-dependent CD11c ⁺ macrophages contribute to the formation of rupture-prone atherosclerotic plaques. <i>European Heart Journal</i> , 2022, 43, 1864-1877.	1.0	27
36	Rapid neutrophil mobilization by VCAM-1 ⁺ endothelial cell-derived extracellular vesicles. <i>Cardiovascular Research</i> , 2023, 119, 236-251.	1.8	22

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37	IRF5 Promotes Influenza Virus-Induced Inflammatory Responses in Human Induced Pluripotent Stem Cell-Derived Myeloid Cells and Murine Models. <i>Journal of Virology</i> , 2020, 94, .	1.5	20
38	Diverse mechanisms of IRF5 action in inflammatory responses. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 99, 38-42.	1.2	19
39	Cross-species Analysis Reveals Evolving and Conserved Features of the Nuclear Factor κ B (NF- κ B) Proteins. <i>Journal of Biological Chemistry</i> , 2013, 288, 11546-11554.	1.6	15
40	Antibody response to homologous epitopes of Epstein-Barr virus, <i>Mycobacterium avium</i> subsp. paratuberculosis and IRF5 in patients with different connective tissue diseases and in mouse model of antigen-induced arthritis. <i>Journal of Translational Autoimmunity</i> , 2020, 3, 100048.	2.0	15
41	Defactinib inhibits PYK2 phosphorylation of IRF5 and reduces intestinal inflammation. <i>Nature Communications</i> , 2021, 12, 6702.	5.8	13
42	Regional specialization of macrophages along the gastrointestinal tract. <i>Trends in Immunology</i> , 2021, 42, 795-806.	2.9	11
43	IRF5 regulates airway macrophage metabolic responses. <i>Clinical and Experimental Immunology</i> , 2021, 204, 134-143.	1.1	9
44	Deuterated Arachidonic Acid Ameliorates Lipopolysaccharide-Induced Lung Damage in Mice. <i>Antioxidants</i> , 2022, 11, 681.	2.2	5
45	Anti-TNF Therapy. , 2017, , 637-648.		4
46	Synovial single-cell heterogeneity, zonation, and interactions: a patchwork of effectors in arthritis. <i>Rheumatology</i> , 2021, , .	0.9	4
47	Macrophage commonalities across tissues and inflammation. <i>Nature Reviews Immunology</i> , 2022, 22, 2-2.	10.6	4
48	The Zinc Finger Protein Zbtb18 Represses Expression of Class I Phosphatidylinositol 3-Kinase Subunits and Inhibits Plasma Cell Differentiation. <i>Journal of Immunology</i> , 2021, 206, 1515-1527.	0.4	3
49	Diabetes-induced innate immune memory drives inflammation and atherosclerosis, despite restoration of normoglycaemia. , 2018, , .		1
50	Multiparametric Analysis of Myeloid Populations by Flow Cytometry. <i>Methods in Molecular Biology</i> , 2018, 1745, 113-124.	0.4	0
51	Endothelial cell derived extracellular vesicles mediate neutrophil deployment from the spleen following acute myocardial infarction. , 2019, , .		0