

# Ioannis Mitroulis

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

9,982  
citations

76196

40  
h-index

71532

76  
g-index

95  
all docs

95  
docs citations

95  
times ranked

19232  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor-Associated Macrophages in Hepatocellular Carcinoma Pathogenesis, Prognosis and Therapy. <i>Cancers</i> , 2022, 14, 226.	1.7	55
2	Combined administration of inhaled DNase, baricitinib and tocilizumab as rescue treatment in COVID-19 patients with severe respiratory failure. <i>Clinical Immunology</i> , 2022, 238, 109016.	1.4	15
3	Maladaptive innate immune training of myelopoiesis links inflammatory comorbidities. <i>Cell</i> , 2022, 185, 1709-1727.e18.	13.5	91
4	Modulation of IL-6/STAT3 signaling axis in CD4+FOXP3 <sup>hi</sup> T cells represents a potential antitumor mechanism of azacitidine. <i>Blood Advances</i> , 2021, 5, 129-142.	2.5	7
5	Patients with COVID-19: in the dark-NETs of neutrophils. <i>Cell Death and Differentiation</i> , 2021, 28, 3125-3139.	5.0	189
6	POS0418...SPLENIC EXTRAMEDULLARY HEMATOPOIESIS IS OMNIPRESENT AND CORRELATES WITH DISEASE SEVERITY IN THE LUPUS NZB/W F1 MURINE MODEL. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 438.1-438.	0.5	0
7	Tumor-Associated Neutrophils in Hepatocellular Carcinoma Pathogenesis, Prognosis, and Therapy. <i>Cancers</i> , 2021, 13, 2899.	1.7	58
8	Levels of Produced Antibodies after Vaccination with mRNA Vaccine; Effect of Previous Infection with SARS-CoV-2. <i>Journal of Clinical Medicine</i> , 2021, 10, 2842.	1.0	7
9	Patrolling human SLE haematopoietic progenitors demonstrate enhanced extramedullary colonisation; implications for peripheral tissue injury. <i>Scientific Reports</i> , 2021, 11, 15759.	1.6	5
10	Prevalence of anti-SARS-CoV-2 IgG antibodies in a group of patients, a control group, and healthcare workers of Thrace area in Greece, by the use of two distinct methods. <i>Germs</i> , 2021, 11, 372-380.	0.5	0
11	Transcriptome reprogramming and myeloid skewing in haematopoietic stem and progenitor cells in systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 242-253.	0.5	44
12	Increased Neutrophil Extracellular Traps Related to Smoking Intensity and Subclinical Atherosclerosis in Patients with Type 2 Diabetes. <i>Thrombosis and Haemostasis</i> , 2020, 120, 1587-1589.	1.8	9
13	Regulation of the Bone Marrow Niche by Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 1540.	2.2	70
14	Innate Immune Training of Granulopoiesis Promotes Anti-tumor Activity. <i>Cell</i> , 2020, 183, 771-785.e12.	13.5	277
15	Neutrophils as Orchestrators in Tumor Development and Metastasis Formation. <i>Frontiers in Oncology</i> , 2020, 10, 581457.	1.3	33
16	Trained Immunity and Cardiometabolic Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 41, 48-54.	1.1	11
17	CD147 is a Novel Interaction Partner of Integrin $\alpha$ 2 <sup>β</sup> 2 Mediating Leukocyte and Platelet Adhesion. <i>Biomolecules</i> , 2020, 10, 541.	1.8	15
18	Complement and tissue factor-enriched neutrophil extracellular traps are key drivers in COVID-19 immunothrombosis. <i>Journal of Clinical Investigation</i> , 2020, 130, 6151-6157.	3.9	580

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19	Autoinflammation: Lessons from the study of familial Mediterranean fever. <i>Journal of Autoimmunity</i> , 2019, 104, 102305.	3.0	25
20	Linking Complement Activation, Coagulation, and Neutrophils in Transplant-Associated Thrombotic Microangiopathy. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1433-1440.	1.8	45
21	Nerve growth factor regulates endothelial cell survival and pathological retinal angiogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 2362-2371.	1.6	26
22	53BP1 Deficiency Promotes Pathological Neovascularization in Proliferative Retinopathy. <i>Thrombosis and Haemostasis</i> , 2019, 119, 439-448.	1.8	4
23	Hematopoietic progenitor cells as integrative hubs for adaptation to and fine-tuning of inflammation. <i>Nature Immunology</i> , 2019, 20, 802-811.	7.0	205
24	Endothelial-Specific Deficiency of ATG5 (Autophagy Protein 5) Attenuates Ischemia-Related Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1137-1148.	1.1	36
25	THU0205â€¦THE HEMATOPOIETIC STEM CELLS (HSCS) IN SYSTEMIC LUPUS ERYTHEMATOSUS (SLE) REPROGRAM THEIR TRANSCRIPTOME: IMPLICATIONS FOR THE PATHOGENESIS OF THE DISEASE. , 2019, , .		0
26	DEL-1 promotes macrophage efferocytosis and clearance of inflammation. <i>Nature Immunology</i> , 2019, 20, 40-49.	7.0	182
27	To NET or not to NET:current opinions and state of the science regarding the formation of neutrophil extracellular traps. <i>Cell Death and Differentiation</i> , 2019, 26, 395-408.	5.0	295
28	Immunometabolic Crosstalk: An Ancestral Principle of Trained Immunity?. <i>Trends in Immunology</i> , 2019, 40, 1-11.	2.9	92
29	Trained Innate Immunity and Its Implications for Mucosal Immunity and Inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1197, 11-26.	0.8	22
30	PS1529 CROSSTALK AMONG COMPLEMENT, COAGULATION AND NEUTROPHILS IN TRANSPLANT-ASSOCIATED THROMBOTIC MICROANGIOPATHY. <i>HemaSphere</i> , 2019, 3, 705-706.	1.2	0
31	Modulation of the IL-6/STAT3 Signaling Axis in CD4+ T Cells As a Potential Immune Mechanism of Action of Azacytidine in High-Risk Myelodysplastic Syndromes. <i>Blood</i> , 2019, 134, 2988-2988.	0.6	0
32	Endothelial Cellâ€“Specific Overexpression of Del-1 Drives Expansion of Haematopoietic Progenitor Cells in the Bone Marrow. <i>Thrombosis and Haemostasis</i> , 2018, 118, 613-616.	1.8	16
33	Modulation of Myelopoiesis Progenitors Is an Integral Component of Trained Immunity. <i>Cell</i> , 2018, 172, 147-161.e12.	13.5	702
34	REDD1/Autophagy Pathway Is Associated with Neutrophil-Driven IL-1 $\beta$ Inflammatory Response in Active Ulcerative Colitis. <i>Journal of Immunology</i> , 2018, 200, 3950-3961.	0.4	84
35	Autophagy in Neutrophils: From Granulopoiesis to Neutrophil Extracellular Traps. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 109.	1.8	89
36	JAM-C Expression as a Biomarker to Predict Outcome of Patients with Acute Myeloid Leukemiaâ€“Letter. <i>Cancer Research</i> , 2018, 78, 6339-6341.	0.4	3

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37	Myelopoiesis in the Context of Innate Immunity. <i>Journal of Innate Immunity</i> , 2018, 10, 365-372.	1.8	62
38	A self-sustained loop of inflammation-driven inhibition of beige adipogenesis in obesity. <i>Nature Immunology</i> , 2017, 18, 654-664.	7.0	139
39	Regulated in development and DNA damage responses 1 (REDD1) links stress with IL-1 $\beta$ -mediated familial Mediterranean fever attack through autophagy-driven neutrophil extracellular traps. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1378-1387.e13.	1.5	58
40	From leukocyte recruitment to resolution of inflammation: the cardinal role of integrins. <i>Journal of Leukocyte Biology</i> , 2017, 102, 677-683.	1.5	91
41	Interferon lambda1/IL-29 and inorganic polyphosphate are novel regulators of neutrophil-driven thromboinflammation. <i>Journal of Pathology</i> , 2017, 243, 111-122.	2.1	79
42	Secreted protein Del-1 regulates myelopoiesis in the hematopoietic stem cell niche. <i>Journal of Clinical Investigation</i> , 2017, 127, 3624-3639.	3.9	78
43	Neutrophil extracellular traps regulate IL-1 $\beta$ -mediated inflammation in familial Mediterranean fever. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 269-277.	0.5	94
44	Developmental endothelial locus-1 modulates platelet-monocyte interactions and instant blood-mediated inflammatory reaction in islet transplantation. <i>Thrombosis and Haemostasis</i> , 2016, 115, 781-788.	1.8	35
45	Regulation of tissue infiltration by neutrophils. <i>Current Opinion in Hematology</i> , 2016, 23, 36-43.	1.2	22
46	Blood coagulation factor XII drives adaptive immunity during neuroinflammation via CD87-mediated modulation of dendritic cells. <i>Nature Communications</i> , 2016, 7, 11626.	5.8	105
47	Immunomodulatory Role of Clarithromycin in <i>Acinetobacter baumannii</i> Infection via Formation of Neutrophil Extracellular Traps. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1040-1048.	1.4	47
48	NETopathies? Unraveling the Dark Side of Old Diseases through Neutrophils. <i>Frontiers in Immunology</i> , 2016, 7, 678.	2.2	49
49	Leukocyte Recruitment. , 2016, , 841-849.		0
50	Brief Report: Endothelial-Specific X-Box Binding Protein 1 Deficiency Limits Tumor Necrosis Factor-Induced Leukocyte Recruitment and Vasculitis. <i>Arthritis and Rheumatology</i> , 2015, 67, 3279-3285.	2.9	8
51	Contact activation of C3 enables tethering between activated platelets and polymorphonuclear leukocytes via CD11b/CD18. <i>Thrombosis and Haemostasis</i> , 2015, 114, 1207-1217.	1.8	38
52	Expression of functional tissue factor by neutrophil extracellular traps in culprit artery of acute myocardial infarction. <i>European Heart Journal</i> , 2015, 36, 1405-1414.	1.0	324
53	Complement Inhibition in a Xenogeneic Model of Interactions Between Human Whole Blood and Porcine Endothelium. <i>Hormone and Metabolic Research</i> , 2015, 47, 36-42.	0.7	17
54	DEL-1 restrains osteoclastogenesis and inhibits inflammatory bone loss in nonhuman primates. <i>Science Translational Medicine</i> , 2015, 7, 307ra155.	5.8	81

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55	Leukocyte integrins: Role in leukocyte recruitment and as therapeutic targets in inflammatory disease. , 2015, 147, 123-135.		209
56	Leukocyte Recruitment. , 2015, , 1-9.		0
57	Neutrophil extracellular traps promote differentiation and function of fibroblasts. Journal of Pathology, 2014, 233, 294-307.	2.1	262
58	Developmental endothelial locus-1 attenuates complement-dependent phagocytosis through inhibition of Mac-1-integrin. Thrombosis and Haemostasis, 2014, 112, 1004-1006.	1.8	44
59	A novel pathway of rapid TLR-triggered activation of integrin-dependent leukocyte adhesion that requires Rap1 GTPase. Molecular Biology of the Cell, 2014, 25, 2948-2955.	0.9	29
60	Tissue factor expression in neutrophil extracellular traps and neutrophil derived microparticles in antineutrophil cytoplasmic antibody associated vasculitis may promote thromboinflammation and the thrombophilic state associated with the disease. Annals of the Rheumatic Diseases, 2014, 73, 1854-1863.	0.5	229
61	Î±3Î²1 is INTEGRAL to septic neutrophils. Blood, 2014, 124, 3507-3508.	0.6	3
62	THU0394â€¦Long-Term Therapy with Canakinumab in Two Patients with Refractory Chronic Autoinflammatory Arthritis. Annals of the Rheumatic Diseases, 2014, 73, 318.1-318.	0.5	3
63	Neutrophils, IL-1Î², and gout: is there a link?. Seminars in Immunopathology, 2013, 35, 501-512.	2.8	110
64	Long-term safety of rituximab in patients with rheumatic diseases and chronic or resolved hepatitis B virus infection. Annals of the Rheumatic Diseases, 2013, 72, 308-310.	0.5	48
65	A2.8â€¦Enhanced Neutrophil Extracellular Trap Formation in Rheumatoid Arthritis Patients is Correlated with High Levels of Rheumatoid Factor (RF). Annals of the Rheumatic Diseases, 2013, 72, A7.1-A7.	0.5	0
66	FR10019â€¦Peripheral blood neutrophils derived from patients with rheumatoid arthritis exhibit increased neutrophil extracellular trap formation. Annals of the Rheumatic Diseases, 2013, 71, 316.2-316.	0.5	0
67	CT Findings of Pulmonary Involvement in Antiphospholipid Syndrome. British Journal of Medicine and Medical Research, 2013, 3, 855-867.	0.2	0
68	Host Cell Autophagy in Immune Response to Zoonotic Infections. Clinical and Developmental Immunology, 2012, 2012, 1-9.	3.3	17
69	The emerging role of neutrophils in thrombosisâ€”the journey of TF through NETs. Frontiers in Immunology, 2012, 3, 385.	2.2	99
70	Enhanced release of neutrophil extracellular traps from peripheral blood neutrophils in patients with rheumatoid arthritis. Annals of the Rheumatic Diseases, 2012, 71, A79.2-A79.	0.5	4
71	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
72	Autophagy Mediates the Delivery of Thrombogenic Tissue Factor to Neutrophil Extracellular Traps in Human Sepsis. PLoS ONE, 2012, 7, e45427.	1.1	181

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73	Genetic analysis of C5a receptors in neutrophils from patients with familial Mediterranean fever. <i>Molecular Biology Reports</i> , 2012, 39, 5503-5510.	1.0	7
74	Neutrophil Extracellular Trap Formation Is Associated with IL-1 $\beta$ and Autophagy-Related Signaling in Gout. <i>PLoS ONE</i> , 2011, 6, e29318.	1.1	333
75	Evidence for the involvement of mTOR inhibition and basal autophagy in familial Mediterranean fever phenotype. <i>Human Immunology</i> , 2011, 72, 135-138.	1.2	21
76	Tissue factor $\alpha$ -thrombin signaling enhances the fibrotic activity of myofibroblasts in systemic sclerosis through up $\alpha$ regulation of endothelin receptor A. <i>Arthritis and Rheumatism</i> , 2011, 63, 3586-3597.	6.7	22
77	The multivalent activity of the tissue factor $\alpha$ -thrombin pathway in thrombotic and non-thrombotic disorders as a target for therapeutic intervention. <i>Expert Opinion on Therapeutic Targets</i> , 2011, 15, 75-89.	1.5	27
78	The efficacy of canakinumab in the treatment of a patient with familial Mediterranean fever and longstanding destructive arthritis. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1347-1348.	0.5	47
79	Endothelin-1 Signaling Promotes Fibrosis In Vitro in a Bronchopulmonary Dysplasia Model by Activating the Extrinsic Coagulation Cascade. <i>Journal of Immunology</i> , 2011, 186, 6568-6575.	0.4	40
80	Complement anaphylatoxin C5a contributes to hemodialysis-associated thrombosis. <i>Blood</i> , 2010, 116, 631-639.	0.6	124
81	MEFV heterogeneity in Turkish Familial Mediterranean Fever patients. <i>Molecular Biology Reports</i> , 2010, 37, 355-358.	1.0	12
82	Regulation of the autophagic machinery in human neutrophils. <i>European Journal of Immunology</i> , 2010, 40, 1461-1472.	1.6	118
83	Targeting IL-1 $\beta$ in disease; the expanding role of NLRP3 inflammasome. <i>European Journal of Internal Medicine</i> , 2010, 21, 157-163.	1.0	125
84	Fast and reliable mutation detection of the complete exon 11 $\alpha$ 15 <i>JAK2</i> coding region using non $\alpha$ isotopic RNase cleavage assay (NIRCA). <i>European Journal of Haematology</i> , 2009, 83, 215-219.	1.1	4
85	TLR2 and TLR4 polymorphisms in familial Mediterranean fever. <i>Human Immunology</i> , 2009, 70, 750-753.	1.2	11
86	In vivo induction of the autophagic machinery in human bone marrow cells during <i>Leishmania donovani</i> complex infection. <i>Parasitology International</i> , 2009, 58, 475-477.	0.6	25
87	The Population Genetics of Familial Mediterranean Fever: A Meta $\alpha$ Analysis Study. <i>Annals of Human Genetics</i> , 2008, 72, 752-761.	0.3	67
88	Patrolling Human SLE Haematopoietic Progenitors Demonstrate Enhanced Extramedullary Colonisation; Implications for Peripheral Tissue Injury. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0