

# Ashutosh Kumar Mangalam

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61  
papers

2,477  
citations

23  
h-index

49  
g-index

76  
ext. papers

3,260  
ext. citations

7.2  
avg, IF

5.01  
L-index

#	Paper	IF	Citations
61	Administration of Human Derived Upper gut Commensal <i>Prevotella histicola</i> delays the onset of type 1 diabetes in NOD mice.. <i>BMC Microbiology</i> , <b>2022</b> , 22, 8	4.5	1
60	Multiple sclerosis patients have an altered gut mycobiome and increased fungal to bacterial richness.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0264556	3.7	0
59	Role of the gut microbiome in multiple sclerosis: From etiology to therapeutics. <i>International Review of Neurobiology</i> , <b>2022</b> ,	4.4	
58	MTHFD2 is a metabolic checkpoint controlling effector and regulatory T cell fate and function. <i>Immunity</i> , <b>2021</b> ,	32.3	7
57	Autoimmunity Increases Susceptibility to and Mortality from Sepsis. <i>ImmunoHorizons</i> , <b>2021</b> , 5, 844-854	2.7	0
56	Fungal microbiome and multiple sclerosis: The not-so-new kid on the block. <i>EBioMedicine</i> , <b>2021</b> , 72, 103628	6.8	0
55	Prospective correlation between the patient microbiome with response to and development of immune-mediated adverse effects to immunotherapy in lung cancer.. <i>Journal of Clinical Oncology</i> , <b>2021</b> , 39, e21024-e21024	2.2	1
54	Isoflavone diet ameliorates experimental autoimmune encephalomyelitis through modulation of gut bacteria depleted in patients with multiple sclerosis. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	5
53	Effect of bacterial contamination in bile on pancreatic cancer cell survival. <i>Surgery</i> , <b>2021</b> , 169, 617-622	3.6	6
52	Prospective correlation between the patient microbiome with response to and development of immune-mediated adverse effects to immunotherapy in lung cancer. <i>BMC Cancer</i> , <b>2021</b> , 21, 808	4.8	10
51	Toll-like receptor 4 and myeloid differentiation factor 88 are required for gastric bypass-induced metabolic effects. <i>Surgery for Obesity and Related Diseases</i> , <b>2021</b> , 17, 1996-2006	3	2
50	HLA Class II Polymorphisms Modulate Gut Microbiota and Experimental Autoimmune Encephalomyelitis Phenotype. <i>ImmunoHorizons</i> , <b>2021</b> , 5, 627-646	2.7	1
49	The Emerging World of Microbiome in Autoimmune Disorders: Opportunities and Challenges. <i>Indian Journal of Rheumatology</i> , <b>2021</b> , 16, 57-72	0.5	5
48	Secreted osteopontin from CD4 T cells limits acute graft-versus-host disease.. <i>Cell Reports</i> , <b>2021</b> , 37, 110170	10.6	0
47	Beyond Metabolism: The Complex Interplay Between Dietary Phytoestrogens, Gut Bacteria, and Cells of Nervous and Immune Systems. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 150	4.1	14
46	Sepsis impedes EAE disease development and diminishes autoantigen-specific naive CD4 T cells. <i>ELife</i> , <b>2020</b> , 9,	8.9	5
45	Endocannabinoid Receptor-1 and Sympathetic Nervous System Mediate the Beneficial Metabolic Effects of Gastric Bypass. <i>Cell Reports</i> , <b>2020</b> , 33, 108270	10.6	14

44	Intestinal Dysbiosis in, and Enteral Bacterial Therapies for, Systemic Autoimmune Diseases. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 573079	8.4	15
43	Human Commensal Ameliorates Disease as Effectively as Interferon-Beta in the Experimental Autoimmune Encephalomyelitis. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 578648	8.4	5
42	, A Human Gut Commensal, Is as Potent as COPAXONE <sup>®</sup> in an Animal Model of Multiple Sclerosis. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 462	8.4	48
41	The Gut Microbiome and Metabolome in Multiple Sclerosis <b>2019</b> , 333-340		2
40	Microbiota Analysis Using Two-step PCR and Next-generation 16S rRNA Gene Sequencing. <i>Journal of Visualized Experiments</i> , <b>2019</b> ,	1.6	9
39	Utility of CD64 Expression on Neutrophils as a Marker to Differentiate Infectious versus Noninfectious Disease Flares in Autoimmune Disorders. <i>Indian Journal of Rheumatology</i> , <b>2019</b> , 14, 9-11	0.5	4
38	Scoring disease in an animal model of multiple sclerosis using a novel infrared-based automated activity-monitoring system. <i>Scientific Reports</i> , <b>2019</b> , 9, 19194	4.9	9
37	Bugs in the system: bringing the human microbiome to bear in cancer immunotherapy. <i>Gut Microbes</i> , <b>2019</b> , 10, 109-112	8.8	6
36	Microbial monotherapy with for patients with multiple sclerosis. <i>Expert Review of Neurotherapeutics</i> , <b>2019</b> , 19, 45-53	4.3	10
35	Reply. <i>Arthritis and Rheumatology</i> , <b>2018</b> , 70, 321-322	9.5	
34	The "Gut Feeling": Breaking Down the Role of Gut Microbiome in Multiple Sclerosis. <i>Neurotherapeutics</i> , <b>2018</b> , 15, 109-125	6.4	71
33	Recovery from the Middle East respiratory syndrome is associated with antibody and T-cell responses. <i>Science Immunology</i> , <b>2017</b> , 2,	28	178
32	Human Gut-Derived Commensal Bacteria Suppress CNS Inflammatory and Demyelinating Disease. <i>Cell Reports</i> , <b>2017</b> , 20, 1269-1277	10.6	137
31	Gut microbiome in multiple sclerosis: The players involved and the roles they play. <i>Gut Microbes</i> , <b>2017</b> , 8, 607-615	8.8	88
30	Pathophysiology of Experimental Autoimmune Encephalomyelitis <b>2016</b> , 249-280		2
29	Multiple sclerosis patients have a distinct gut microbiota compared to healthy controls. <i>Scientific Reports</i> , <b>2016</b> , 6, 28484	4.9	437
28	Airway Memory CD4(+) T Cells Mediate Protective Immunity against Emerging Respiratory Coronaviruses. <i>Immunity</i> , <b>2016</b> , 44, 1379-91	32.3	301
27	AMP-Activated Protein Kinase Suppresses Autoimmune Central Nervous System Disease by Regulating M1-Type Macrophage-Th17 Axis. <i>Journal of Immunology</i> , <b>2016</b> , 197, 747-60	5.3	17

26	Suppression of Inflammatory Arthritis by Human Gut-Derived <i>Prevotella histicola</i> in Humanized Mice. <i>Arthritis and Rheumatology</i> , <b>2016</b> , 68, 2878-2888	9.5	117
25	Neuropilin-1 modulates interferon- $\beta$ -stimulated signaling in brain microvascular endothelial cells. <i>Journal of Cell Science</i> , <b>2016</b> , 129, 3911-3921	5.3	24
24	Untargeted Plasma Metabolomics Identifies Endogenous Metabolite with Drug-like Properties in Chronic Animal Model of Multiple Sclerosis. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 30697-712	5.4	49
23	Genetic Predisposition to Autoimmune Diseases Conferred by the Major Histocompatibility Complex <b>2014</b> , 365-380		2
22	Absence of IFN- $\gamma$ increases brain pathology in experimental autoimmune encephalomyelitis-susceptible DRB1*0301.DQ8 HLA transgenic mice through secretion of proinflammatory cytokine IL-17 and induction of pathogenic monocytes/microglia into the central nervous system. <i>Journal of Immunology</i> , <b>2014</b> , 193, 4859-70	5.3	28
21	IM-TORNADO: a tool for comparison of 16S reads from paired-end libraries. <i>PLoS ONE</i> , <b>2014</b> , 9, e114804	3.7	76
20	HLA class II molecules influence susceptibility versus protection in inflammatory diseases by determining the cytokine profile. <i>Journal of Immunology</i> , <b>2013</b> , 190, 513-8	5.3	67
19	WASH knockout T cells demonstrate defective receptor trafficking, proliferation, and effector function. <i>Molecular and Cellular Biology</i> , <b>2013</b> , 33, 958-73	4.8	73
18	Two discreet subsets of CD8 T cells modulate PLP(91-110) induced experimental autoimmune encephalomyelitis in HLA-DR3 transgenic mice. <i>Journal of Autoimmunity</i> , <b>2012</b> , 38, 344-53	15.5	36
17	Role of HLA class II genes in susceptibility and resistance to multiple sclerosis: studies using HLA transgenic mice. <i>Journal of Autoimmunity</i> , <b>2011</b> , 37, 122-8	15.5	34
16	HLA-DQ8 (DQB1*0302)-restricted Th17 cells exacerbate experimental autoimmune encephalomyelitis in HLA-DR3-transgenic mice. <i>Journal of Immunology</i> , <b>2009</b> , 182, 5131-9	5.3	27
15	Loss of AMPK exacerbates experimental autoimmune encephalomyelitis disease severity. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 386, 16-20	3.4	58
14	HLA class II transgenic mice mimic human inflammatory diseases. <i>Advances in Immunology</i> , <b>2008</b> , 97, 65-147	14.7	58
13	HLA-DQ6 (DQB1*0601)-restricted T cells protect against experimental autoimmune encephalomyelitis in HLA-DR3.DQ6 double-transgenic mice by generating anti-inflammatory IFN- $\gamma$ . <i>Journal of Immunology</i> , <b>2008</b> , 180, 7747-56	5.3	22
12	New humanized HLA-DR4-transgenic mice that mimic the sex bias of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , <b>2007</b> , 56, 69-78		68
11	A new humanized HLA transgenic mouse model of multiple sclerosis expressing class II on mouse CD4 T cells. <i>Annals of the New York Academy of Sciences</i> , <b>2007</b> , 1103, 112-7	6.5	6
10	Distinct local immunogenic stimuli dictate differential requirements for CD4+ and CD8+ T cell subsets in the pathogenesis of spontaneous autoimmune diabetes. <i>Autoimmunity</i> , <b>2007</b> , 40, 489-96	3	4
9	Autoimmunity in HLA-DQ8 transgenic mice expressing granulocyte/macrophage-colony stimulating factor in the beta cells of islets of Langerhans. <i>Autoimmunity</i> , <b>2007</b> , 40, 169-79	3	6

8	Role of MHC class II expressing CD4+ T cells in proteolipid protein(91-110)-induced EAE in HLA-DR3 transgenic mice. <i>European Journal of Immunology</i> , <b>2006</b> , 36, 3356-70	6.1	16
7	Delineation of the minimal encephalitogenic epitope of proteolipid protein peptide(91-110) and critical residues required for induction of EAE in HLA-DR3 transgenic mice. <i>Journal of Neuroimmunology</i> , <b>2005</b> , 161, 40-8	3.5	4
6	HLA DR and DQ interaction in myelin oligodendrocyte glycoprotein-induced experimental autoimmune encephalomyelitis in HLA class II transgenic mice. <i>Journal of Neuroimmunology</i> , <b>2005</b> , 169, 1-12	3.5	29
5	Identification of T cell epitopes on human proteolipid protein and induction of experimental autoimmune encephalomyelitis in HLA class II-transgenic mice. <i>European Journal of Immunology</i> , <b>2004</b> , 34, 280-90	6.1	34
4	Gold sodium thiomalate (GSTM) inhibits lipopolysaccharide stimulated tumor necrosis factor-alpha through ceramide pathway. <i>Cellular Immunology</i> , <b>2002</b> , 219, 1-10	4.4	8
3	Mechanism of action of disease modifying anti-rheumatic agent, gold sodium thiomalate (GSTM). <i>International Immunopharmacology</i> , <b>2001</b> , 1, 1165-72	5.8	12
2	Primer premier: program for design of degenerate primers from a protein sequence. <i>BioTechniques</i> , <b>1998</b> , 24, 318-9	2.5	195
1	MTHFD2 is a Metabolic Checkpoint Controlling Effector and Regulatory T Cell Fate and Function		1