Johan Grunewald

List of Publications by Year
in descending order

105	4,381	94381 37	118793 62
papers	citations	h-index	g-index

107	107	107	4151
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sarcoidosis. Nature Reviews Disease Primers, 2019, 5, 45.	18.1	274
2	LÃ¶fgren's Syndrome. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 307-312.	2.5	207
3	Sarcoidosis incidence and prevalence: a nationwide register-based assessment in Sweden. European Respiratory Journal, 2016, 48, 1690-1699.	3.1	176
4	T Cell Responses to Mycobacterial Catalase-Peroxidase Profile a Pathogenic Antigen in Systemic Sarcoidosis. Journal of Immunology, 2008, 181, 8784-8796.	0.4	164
5	The lung microbiota in early rheumatoid arthritis and autoimmunity. Microbiome, 2016, 4, 60.	4.9	158
6	Antibacterial Components in Bronchoalveolar Lavage Fluid from Healthy Individuals and Sarcoidosis Patients. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 283-290.	2.5	154
7	Human Leukocyte Antigen Class I Alleles and the Disease Course in Sarcoidosis Patients. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 696-702.	2.5	144
8	Sex-Specific Manifestations of LÃ¶fgren's Syndrome. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 40-44.	2.5	142
9	Restricted VÎ±2.3 gene usage by CD4+ T lymphocytes in bronchoalveolar lavage fluid from sarcoidosis patients correlates with HLA-DR3. European Journal of Immunology, 1992, 22, 129-135.	1.6	138
10	Shared immunological targets in the lungs and joints of patients with rheumatoid arthritis: identification and validation. Annals of the Rheumatic Diseases, 2015, 74, 1772-1777.	0.5	112
11	Identification of HLA-DRâ€“bound peptides presented by human bronchoalveolar lavage cells in sarcoidosis. Journal of Clinical Investigation, 2007, 117, 3576-3582.	3.9	112
12	State of the Art. Role of CD4+ T Cells in Sarcoidosis. Proceedings of the American Thoracic Society, 2007, 4, 461-464.	3.5	105
13	Biased expression of individual T cell receptor V gene segments in CD4+ and CD8+ human peripheral blood T lymphocytes. European Journal of Immunology, 1991, 21, 819-822.	1.6	104
14	Different HLA-DRB1 allele distributions in distinct clinical subgroups of sarcoidosis patients. Respiratory Research, 2010, 11, 25.	1.4	100
15	Identification of Immune-Relevant Factors Conferring Sarcoidosis Genetic Risk. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 727-736.	2.5	94
16	Signs of immune activation and local inflammation are present in the bronchial tissue of patients with untreated early rheumatoid arthritis. Annals of the Rheumatic Diseases, 2016, 75, 1722-1727.	0.5	93
17	Lung T-Helper Cells Expressing T-cell Receptor AV2S3 Associate with Clinical Features of Pulmonary Sarcoidosis. American Journal of Respiratory and Critical Care Medicine, 2000, 161, 814-818.	2.5	80
18	Review: Role of Genetics in Susceptibility and Outcome of Sarcoidosis. Seminars in Respiratory and Critical Care Medicine, 2010, 31, 380-389.	0.8	71

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19	High-Density Genetic Mapping Identifies New Susceptibility Variants in Sarcoidosis Phenotypes and Shows Genomic-driven Phenotypic Differences. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 1008-1022.	2.5	68
20	In Situ Humoral Immunity to Vimentin in HLA-DRB1*03+ Patients With Pulmonary Sarcoidosis. Frontiers in Immunology, 2018, 9, 1516.	2.2	68
21	Distribution of T-Cell Subsets in BAL Fluid of Patients With Mild to Moderate COPD Depends on Current Smoking Status and Not Airway Obstruction. Chest, 2014, 145, 711-722.	0.4	67
22	Genetic determinants of pulmonary fibrosis: evolving concepts. Lancet Respiratory Medicine,the, 2014, 2, 416-428.	5.2	66
23	T-cell receptorâ€“HLA-DRB1 associations suggest specific antigens in pulmonary sarcoidosis. European Respiratory Journal, 2016, 47, 898-909.	3.1	65
24	Expanded lung T-bet⁺RORÎ³T⁺ CD4⁺ T-cells in sarcoidosis patients with a favourable disease phenotype. European Respiratory Journal, 2016, 48, 484-494.	3.1	64
25	Pulmonary Extracellular Vesicles as Mediators of Local and Systemic Inflammation. Frontiers in Cell and Developmental Biology, 2017, 5, 39.	1.8	61
26	Sarcoidosis mortality in Sweden: aÂpopulation-based cohort study. European Respiratory Journal, 2018, 51, 1701815.	3.1	59
27	An Immobiline DryStrip application method enabling high-capacity two-dimensional gel electrophoresis. Electrophoresis, 2000, 21, 3649-3656.	1.3	54
28	Elevated Exhaled Nitric Oxide in Allergen-Provoked Asthma Is Associated with Airway Epithelial iNOS. PLoS ONE, 2014, 9, e90018.	1.1	51
29	Familial aggregation and heritability of sarcoidosis: a Swedish nested caseâ€'control study. European Respiratory Journal, 2018, 52, 1800385.	3.1	51
30	Immunogenetics of Disease-Causing Inflammation in Sarcoidosis. Clinical Reviews in Allergy and Immunology, 2015, 49, 19-35.	2.9	50
31	Genetics of Sarcoidosis. Seminars in Respiratory and Critical Care Medicine, 2014, 35, 296-306.	0.8	49
32	Tobacco smoking induces changes in true DNA methylation, hydroxymethylation and gene expression in bronchoalveolar lavage cells. EBioMedicine, 2019, 46, 290-304.	2.7	48
33	Genetics of sarcoidosis. Current Opinion in Pulmonary Medicine, 2008, 14, 434-439.	1.2	46
34	Approach for Identifying Human Leukocyte Antigen (HLA)-DR Bound Peptides from Scarce Clinical Samples. Molecular and Cellular Proteomics, 2016, 15, 3017-3029.	2.5	46
35	Detection and identification of human bronchoalveolar lavage proteins using narrow-range immobilized pH gradient DryStrip and the paper bridge sample application method. Electrophoresis, 2001, 22, 1851-1860.	1.3	45
36	Moving target: shifting the focus to pulmonary sarcoidosis as an autoimmune spectrum disorder. European Respiratory Journal, 2019, 54, 1802153.	3.1	44

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37	HLA associations and LÃ¶fgrenâ€™s syndrome. Expert Review of Clinical Immunology, 2012, 8, 55-62.	1.3	40
38	Th17-lineage cells in pulmonary sarcoidosis and LÃ¶fgren's syndrome: Friend or foe?. Journal of Autoimmunity, 2018, 87, 82-96.	3.0	40
39	Pulmonary sarcoidosis is associated with exosomal vitamin Dâ€“binding protein and inflammatory molecules. Journal of Allergy and Clinical Immunology, 2017, 139, 1186-1194.	1.5	39
40	A Geneâ€“Environment Interaction Between Smoking and Gene polymorphisms Provides a High Risk of Two Subgroups of Sarcoidosis. Scientific Reports, 2019, 9, 18633.	1.6	34
41	CD4+ T cells in the lungs of acute sarcoidosis patients recognize an Aspergillus nidulans epitope. Journal of Experimental Medicine, 2021, 218, .	4.2	33
42	LÃ¶fgren's Syndrome: Diagnosis, Management, and Disease Pathogenesis. Seminars in Respiratory and Critical Care Medicine, 2017, 38, 463-476.	0.8	31
43	SNP Variants in Major Histocompatibility Complex Are Associated with Sarcoidosis Susceptibilityâ€”A Joint Analysis in Four European Populations. Frontiers in Immunology, 2017, 8, 422.	2.2	31
44	Proinflammatory Histidylâ€“Transfer <scp>RNA</scp> Synthetaseâ€“Specific <scp>CD</scp>4+ T Cells in the Blood and Lungs of Patients With Idiopathic Inflammatory Myopathies. Arthritis and Rheumatology, 2020, 72, 179-191.	2.9	30
45	Expression of MATE1, P-gp, OCTN1 and OCTN2, in epithelial and immune cells in the lung of COPD and healthy individuals. Respiratory Research, 2018, 19, 68.	1.4	27
46	Work ability before and after sarcoidosis diagnosis in Sweden. Respiratory Medicine, 2018, 144, S7-S12.	1.3	27
47	Long-term smoking alters abundance of over half of the proteome in bronchoalveolar lavage cell in smokers with normal spirometry, with effects on molecular pathways associated with COPD. Respiratory Research, 2018, 19, 40.	1.4	26
48	Risk of first and recurrent serious infection in sarcoidosis: a Swedish register-based cohort study. European Respiratory Journal, 2020, 56, 2000767.	3.1	26
49	Proteomic profiling of lung immune cells reveals dysregulation of phagocytotic pathways in female-dominated molecular COPD phenotype. Respiratory Research, 2018, 19, 39.	1.4	24
50	Gene expression analysis of membrane transporters and drugâ€metabolizing enzymes in the lung of healthy and <scp>COPD</scp> subjects. Pharmacology Research and Perspectives, 2014, 2, e00054.	1.1	23
51	Monocytes in sarcoidosis are potent TNF producers and predict disease outcome. European Respiratory Journal, 2021, 58, 2003468.	3.1	23
52	Mass Cytometry Identifies Distinct Lung CD4+ T Cell Patterns in LÃ¶fgrenâ€™s Syndrome and Non-LÃ¶fgrenâ€™s Syndrome Sarcoidosis. Frontiers in Immunology, 2017, 8, 1130.	2.2	22
53	Shared Î±Î² TCR Usage in Lungs of Sarcoidosis Patients with LÃ¶fgrenâ€™s Syndrome. Journal of Immunology, 2017, 199, 2279-2290.	0.4	20
54	Sarcoidosis exosomes stimulate monocytes to produce pro-inflammatory cytokines and CCL2. Scientific Reports, 2020, 10, 15328.	1.6	19

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55	T-cell activation and HLA-regulated response to smoking in the deep airways of patients with multiple sclerosis. Clinical Immunology, 2016, 169, 114-120.	1.4	17
56	Evidence of fatigue, disordered sleep and peripheral inflammation, but not increased brain TSPO expression, in seasonal allergy: A [11C]PBR28 PET study. Brain, Behavior, and Immunity, 2018, 68, 146-157.	2.0	17
57	Type 2 diabetes risk in sarcoidosis patients untreated and treated with corticosteroids. ERJ Open Research, 2021, 7, 00028-2021.	1.1	17
58	Association between number and type of different ACPA fine specificities with lung abnormalities in early, untreated rheumatoid arthritis. RMD Open, 2020, 6, e001278.	1.8	16
59	Misconceptions regarding symptoms of sarcoidosis. Lancet Respiratory Medicine,the, 2021, 9, 816-818.	5.2	16
60	Infection risk in sarcoidosis patients treated with methotrexate compared to azathioprine: A retrospective â€˜target trialâ€™ emulated with Swedish realâ€world data. Respirology, 2021, 26, 452-460.	1.3	16
61	Enhanced CD8+ cytolytic T cell responses in the peripheral circulation of patients with sarcoidosis and non-LÃ¶fgren's disease. Respiratory Medicine, 2018, 138, S38-S44.	1.3	15
62	Mapping mononuclear phagocytes in blood, lungs, and lymph nodes of sarcoidosis patients. Journal of Leukocyte Biology, 2019, 105, 797-807.	1.5	15
63	Humoral immune profiling of mycobacterial antigen recognition in sarcoidosis and LÃ¶fgrenâ€™s syndrome using high-content peptide microarrays. International Journal of Infectious Diseases, 2017, 56, 167-175.	1.5	13
64	Sarcoidosis diagnosis and treatment in Sweden: A register-based assessment of variations by region and calendar period. Respiratory Medicine, 2020, 161, 105846.	1.3	13
65	Risk and predictors of heart failure in sarcoidosis in a population-based cohort study from Sweden. Heart, 2022, 108, 467-473.	1.2	13
66	Differences in disease presentation between men and women with sarcoidosis: A cohort study. Respiratory Medicine, 2022, 191, 106688.	1.3	13
67	Immune cell activation and cytokine release after stimulation of whole blood with pneumococcal C-polysaccharide and capsular polysaccharides. International Journal of Infectious Diseases, 2016, 52, 1-8.	1.5	12
68	Methylome and transcriptome signature of bronchoalveolar cells from multiple sclerosis patients in relation to smoking. Multiple Sclerosis Journal, 2021, 27, 1014-1026.	1.4	12
69	Are infectious diseases risk factors for sarcoidosis or a result of reverse causation? Findings from a population-based nested caseâ€“control study. European Journal of Epidemiology, 2020, 35, 1087-1097.	2.5	12
70	Expression Profile of Six RNA-Binding Proteins in Pulmonary Sarcoidosis. PLoS ONE, 2016, 11, e0161669.	1.1	12
71	HLA-DRB1 alleles associate with hypercalcemia in sarcoidosis. Respiratory Medicine, 2021, 187, 106537.	1.3	11
72	Looking into the future of sarcoidosis: what is next for treatment?. Current Opinion in Pulmonary Medicine, 2020, 26, 598-607.	1.2	10

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73	Subpopulations of cells from bronchoalveolar lavage can predict prognosis in sarcoidosis. European Respiratory Journal, 2020, 55, 1901450.	3.1	10
74	High-intensity resistance training in newly diagnosed sarcoidosis- an exploratory study of effects on lung function, muscle strength, fatigue, dyspnea, health-related quality of life and lung immune cells. European Clinical Respiratory Journal, 2020, 7, 1730137.	0.7	10
75	Positive Predictive Value of Sarcoidosis Identified in an Administrative Healthcare Registry: A Validation Study. Epidemiology, 2021, 32, 444-447.	1.2	10
76	Elevated levels of FN1 and CCL2 in bronchoalveolar lavage fluid from sarcoidosis patients. Respiratory Research, 2016, 17, 69.	1.4	9
77	Common variants of T-cells contribute differently to phenotypic variation in sarcoidosis. Scientific Reports, 2017, 7, 5623.	1.6	9
78	Altered Fc galactosylation in IgG4 is a potential serum marker for chronic lung disease. ERJ Open Research, 2018, 4, 00033-2018.	1.1	9
79	SpotLight Proteomicsâ€"A IgG-Enrichment Phenotype Profiling Approach with Clinical Implications. International Journal of Molecular Sciences, 2019, 20, 2157.	1.8	9
80	Pulmonary and blood dendritic cells from sarcoidosis patients more potently induce IFNÎ³-producing Th1 cells compared with monocytes. Journal of Leukocyte Biology, 2022, 111, 857-866.	1.5	9
81	Maternal and infant outcomes in sarcoidosis pregnancy: a Swedish population-based cohort study of first births. Respiratory Research, 2020, 21, 225.	1.4	8
82	Lung CD4+ VÎ±2.3+ T-cells in sarcoidosis cohorts with LÃ¶fgrenâ€™s syndrome. Respiratory Research, 2020, 21, 61.	1.4	8
83	A Method for Generating Pulmonary Neutrophilia Using Aerosolized Lipopolysaccharide. Journal of Visualized Experiments, 2014, , .	0.2	7
84	Reproductive and hormonal risk factors for sarcoidosis: a nested caseâ€"control study. BMC Pulmonary Medicine, 2022, 22, 43.	0.8	7
85	Longitudinal assessment of reactivity and affinity profile of anti-Jo1 autoantibodies to distinct HisRS domains and a splice variant in a cohort of patients with myositis and anti-synthetase syndrome. Arthritis Research and Therapy, 2022, 24, 62.	1.6	7
86	Clinical aspects and immune reactions in sarcoidosis. Clinical Respiratory Journal, 2007, 1, 64-73.	0.6	6
87	Identification of shared citrullinated immunological targets in the lungs and joints of patients with rheumatoid arthritis. Annals of the Rheumatic Diseases, 2012, 71, A19.1-A19.	0.5	6
88	Reduced expression of peroxisome proliferator-activated receptor alpha in BAL and blood T cells of non-lÃ¶fgrenâ€™s sarcoidosis patients. Journal of Inflammation, 2015, 12, 28.	1.5	6
89	Risk of acute myocardial infarction in sarcoidosis: A population-based cohort study from Sweden. Respiratory Medicine, 2021, 188, 106624.	1.3	6
90	Soluble epoxide hydrolase derived lipid mediators are elevated in bronchoalveolar lavage fluid from patients with sarcoidosis: a cross-sectional study. Respiratory Research, 2018, 19, 236.	1.4	4

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91	Bronchoalveolar lavage fluid cell subsets associate with the disease course in LÃ¶fgren's and non-LÃ¶fgren's sarcoidosis patients. Respiratory Medicine, 2021, 186, 106521.	1.3	4
92	Diagnostic approach for cardiac involvement in sarcoidosis. Sarcoidosis Vasculitis and Diffuse Lung Diseases, 2019, 36, 11-17.	0.2	4
93	Phenotypic and HLA-DRB1 allele characterization of Swedish cardiac sarcoidosis patients. International Journal of Cardiology, 2022, , .	0.8	4
94	CD4+T cells in sarcoidosis: targets and tools. Expert Review of Clinical Immunology, 2006, 2, 877-886.	1.3	3
95	A1.1â€... Characterisation of lung inflammation and identification of shared citrullinated targets in the lungs and joints of early rheumatoid arthritis. Annals of the Rheumatic Diseases, 2014, 73, A4.2-A5.	0.5	2
96	Objective and Subjective Sleep in Rheumatoid Arthritis and Severe Seasonal Allergy: Preliminary Assessments of the Role of Sickness, Central and Peripheral Inflammation. Nature and Science of Sleep, 2021, Volume 13, 775-789.	1.4	2
97	Distinctive Regulatory T Cells and Altered Cytokine Profile Locally in the Airways of Young Smokers with Normal Lung Function. PLoS ONE, 2016, 11, e0164751.	1.1	2
98	Aetiopathogenesis, molecular determinants and immunological features. , 2022, , 25-40.		2
99	Carbon monoxide levels in exhaled breath as a measure of recent smoking status. Clinical Respiratory Journal, 2011, 5, 8-9.	0.6	1
100	Lung changes are present in ACPA positive RA patients already at disease onset. Annals of the Rheumatic Diseases, 2011, 70, A13-A13.	0.5	1
101	Correspondence for â€œClinical epidemiology of familial sarcoidosis: A systematic literature reviewâ€. Respiratory Medicine, 2019, 160, 105696.	1.3	1
102	Stabilization of blood for long-term storage can affect antibody-based recognition of cell surface markers. Journal of Immunological Methods, 2020, 481-482, 112792.	0.6	1
103	Effects of infliximab on lung and circulating natural killer cells, CD56+ T cells and B cells in sarcoidosis. BMJ Open Respiratory Research, 2021, 8, e000933.	1.2	1
104	Reactivity to Mycobacterial Antigens by Patients with LÃ¶fgren's Syndrome as a Model of Phenotypic Susceptibility to Disease and Disease Progression. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 685-686.	2.5	0
105	A1.4â€...Early Signs of Subclinical Inflammation and Local Antibody Production in Early Rheumatoid Lungs. Annals of the Rheumatic Diseases, 2013, 72, A2.1-A2.	0.5	0