

# Farrah Kheradmand

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

4,506  
citations

159358

30  
h-index

106150

65  
g-index

76  
all docs

76  
docs citations

76  
times ranked

6643  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic and Predictive Biomarkers in Patients With Coronavirus Disease 2019 Treated With Tocilizumab in a Randomized Controlled Trial*. Critical Care Medicine, 2022, 50, 398-409.	0.4	27
2	Therapeutic Targeting of Macrophage Plasticity Remodels the Tumor-Immune Microenvironment. Cancer Research, 2022, 82, 2593-2609.	0.4	5
3	Cardiopulmonary Consequences of Vaping in Adolescents: A Scientific Statement From the American Heart Association. Circulation Research, 2022, 131, .	2.0	24
4	Rare deleterious germline variants and risk of lung cancer. Npj Precision Oncology, 2021, 5, 12.	2.3	19
5	Esomeprazole attenuates inflammatory and fibrotic response in lung cells through the MAPK/Nrf2/HO1 pathway. Journal of Inflammation, 2021, 18, 17.	1.5	9
6	Development of a fixed module repertoire for the analysis and interpretation of blood transcriptome data. Nature Communications, 2021, 12, 4385.	5.8	29
7	Esomeprazole enhances the effect of ionizing radiation to improve tumor control. Oncotarget, 2021, 12, 1339-1353.	0.8	10
8	Natural killer cells and cytotoxic T lymphocytes are required to clear solid tumor in a patient-derived xenograft. JCI Insight, 2021, 6, .	2.3	6
9	The immune response to airway mycosis. Current Opinion in Microbiology, 2021, 62, 45-50.	2.3	7
10	Response to "Speculation vs. evidence in the association between e-cigarette use and COVID-19". Preventive Medicine Reports, 2021, 23, 101322.	0.8	0
11	Candida albicans elicits protective allergic responses via platelet mediated T helper 2 and T helper 17 cell polarization. Immunity, 2021, 54, 2595-2610.e7.	6.6	47
12	Novel acute hypersensitivity pneumonitis model induced by airway mycosis and high dose lipopolysaccharide. Respiratory Research, 2021, 22, 263.	1.4	2
13	Health practitioners should caution about misinformation and association of adverse effects of electronic cigarette use and COVID-19. Preventive Medicine Reports, 2020, 20, 101255.	0.8	6
14	Airway Mycosis and the Regulation of Type 2 Immunity. Journal of Fungi (Basel, Switzerland), 2020, 6, 74.	1.5	3
15	A global Slc7a7 knockout mouse model demonstrates characteristic phenotypes of human lysinuric protein intolerance. Human Molecular Genetics, 2020, 29, 2171-2184.	1.4	15
16	E-Cigarette or Vaping Product Use-associated Lung Injury: Developing a Research Agenda. An NIH Workshop Report. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 795-802.	2.5	42
17	COVID-19, COPD, and AECOPD: Immunological, Epidemiological, and Clinical Aspects. Frontiers in Medicine, 2020, 7, 627278.	1.2	24
18	Comprehensive T cell repertoire characterization of non-small cell lung cancer. Nature Communications, 2020, 11, 603.	5.8	140

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19	Cigarette Smoke Exposure in Mice using a Whole-Body Inhalation System. Journal of Visualized Experiments, 2020, , .	0.2	0
20	Cigarette Smoke Exposure in Mice using a Whole-Body Inhalation System. Journal of Visualized Experiments, 2020, , .	0.2	4
21	Airway mycosis in allergic airway disease. Advances in Immunology, 2019, 142, 85-140.	1.1	29
22	A Novel Animal Model of Emphysema Induced by Anti-Elastin Autoimmunity. Journal of Immunology, 2019, 203, 349-359.	0.4	6
23	Taming Peptides with Peptides: Neutralizing Proline-Glycine-Proline with l-Arginine-Threonine-Arginine to Treat Cigarette Smoke-induced Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 547-549.	1.4	1
24	Elastin-specific Autoimmunity in Smokers With Thoracic Aortic Aneurysm and Dissection is Independent of Chronic Obstructive Pulmonary Disease. Journal of the American Heart Association, 2019, 8, e011671.	1.6	22
25	Cigarette Smoke Induces Intestinal Inflammation via a Th17 Cell-Neutrophil Axis. Frontiers in Immunology, 2019, 10, 75.	2.2	33
26	Lung Cancer Heterogeneity in Modulation of Th17/IL17A Responses. Frontiers in Oncology, 2019, 9, 1384.	1.3	7
27	Microglia and amyloid precursor protein coordinate control of transient Candida cerebritis with memory deficits. Nature Communications, 2019, 10, 58.	5.8	78
28	Laryngeal inflammatory response to smoke and vape in a murine model. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2019, 40, 89-92.	0.6	11
29	Cigarette smoke-induced reduction of C1q promotes emphysema. JCI Insight, 2019, 4, .	2.3	23
30	Electronic cigarettes disrupt lung lipid homeostasis and innate immunity independent of nicotine. Journal of Clinical Investigation, 2019, 129, 4290-4304.	3.9	264
31	IL17A Regulates Tumor Latency and Metastasis in Lung Adeno and Squamous SQ.2b and AD.1 Cancer. Cancer Immunology Research, 2018, 6, 645-657.	1.6	31
32	Advances and Evolving Concepts in Allergic Asthma. Seminars in Respiratory and Critical Care Medicine, 2018, 39, 064-081.	0.8	14
33	Benefits of antifungal therapy in asthma patients with airway mycosis: A retrospective cohort analysis. Immunity, Inflammation and Disease, 2018, 6, 264-275.	1.3	19
34	Matrix remodeling in chronic lung diseases. Matrix Biology, 2018, 73, 52-63.	1.5	37
35	Extracellular matrix in lung development, homeostasis and disease. Matrix Biology, 2018, 73, 77-104.	1.5	200
36	Fibrinogen cleavage products and Toll-like receptor 4 promote the generation of programmed cell death 1 ligand 2-positive dendritic cells in allergic asthma. Journal of Allergy and Clinical Immunology, 2018, 142, 530-541.e6.	1.5	20

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37	Comprehensive immunoproteogenomic analyses of malignant pleural mesothelioma. <i>JCI Insight</i> , 2018, 3, .	2.3	40
38	A Fungal Protease Model to Interrogate Allergic Lung Immunity. <i>Methods in Molecular Biology</i> , 2018, 1799, 1-9.	0.4	2
39	Rare Variants in Known Susceptibility Loci and Their Contribution to Risk of Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2018, 13, 1483-1495.	0.5	22
40	Th17/Treg immunoregulation and implications in treatment of sulfur mustard gas-induced lung diseases. <i>Expert Review of Clinical Immunology</i> , 2017, 13, 1173-1188.	1.3	12
41	Tobacco-Specific Carcinogens Induce Hypermethylation, DNA Adducts, and DNA Damage in Bladder Cancer. <i>Cancer Prevention Research</i> , 2017, 10, 588-597.	0.7	46
42	The Role of Matrix Metalloproteinases in Development, Repair, and Destruction of the Lungs. <i>Progress in Molecular Biology and Translational Science</i> , 2017, 148, 1-29.	0.9	85
43	Progression of EGFR-Mutant Lung Adenocarcinoma is Driven By Alveolar Macrophages. <i>Clinical Cancer Research</i> , 2017, 23, 778-788.	3.2	38
44	Cancer Immunotherapy: Historical Perspective of a Clinical Revolution and Emerging Preclinical Animal Models. <i>Frontiers in Immunology</i> , 2017, 8, 829.	2.2	159
45	ALMp1 Potentiates TH1 Polarization and Is Critical for Effective Antitumor and Antiviral Immunity. <i>Frontiers in Immunology</i> , 2017, 8, 1801.	2.2	28
46	Cigarette Smoke and DNA Cleavage Promote Lung Inflammation and Emphysema. <i>Transactions of the American Clinical and Climatological Association</i> , 2017, 128, 222-233.	0.9	10
47	Focused Analysis of Exome Sequencing Data for Rare Germline Mutations in Familial and Sporadic Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2016, 11, 52-61.	0.5	27
48	ErbB2 Pathway Activation upon Smad4 Loss Promotes Lung Tumor Growth and Metastasis. <i>Cell Reports</i> , 2015, 10, 1599-1613.	2.9	70
49	The microRNA miR-22 inhibits the histone deacetylase HDAC4 to promote TH17 cell-dependent emphysema. <i>Nature Immunology</i> , 2015, 16, 1185-1194.	7.0	91
50	Clinical and Immunological Factors in Emphysema Progression. Five-Year Prospective Longitudinal Exacerbation Study of Chronic Obstructive Pulmonary Disease (LES-COPD). <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 1171-1178.	2.5	41
51	Nanoparticulate carbon black in cigarette smoke induces DNA cleavage and Th17-mediated emphysema. <i>ELife</i> , 2015, 4, e09623.	2.8	59
52	Loss of Peripheral Tolerance in Emphysema. Phenotypes, Exacerbations, and Disease Progression. <i>Annals of the American Thoracic Society</i> , 2015, 12 Suppl 2, S164-8.	1.5	6
53	Loss of Peripheral Tolerance in Emphysema. Phenotypes, Exacerbations, and Disease Progression. <i>Annals of the American Thoracic Society</i> , 2015, 12, S164-S168.	1.5	12
54	Essential role for autophagy in the maintenance of immunological memory against influenza infection. <i>Nature Medicine</i> , 2014, 20, 503-510.	15.2	173

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55	Airway surface mycosis in chronic TH2-associated airway disease. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 325-331.e9.	1.5	70
56	CD11a polymorphisms regulate TH2 cell homing and TH2-related disease. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 189-197.e8.	1.5	9
57	Agonistic induction of PPAR $\beta$ reverses cigarette smoke-induced emphysema. <i>Journal of Clinical Investigation</i> , 2014, 124, 1371-1381.	3.9	64
58	Autoreactive T Cells in Human Smokers is Predictive of Clinical Outcome. <i>Frontiers in Immunology</i> , 2012, 3, 267.	2.2	29
59	Cigarette Smoke Induction of Osteopontin (SPP1) Mediates T <sub>H</sub> 17 Inflammation in Human and Experimental Emphysema. <i>Science Translational Medicine</i> , 2012, 4, 117ra9.	5.8	145
60	Autoimmunity in chronic obstructive pulmonary disease: clinical and experimental evidence. <i>Expert Review of Clinical Immunology</i> , 2012, 8, 285-292.	1.3	77
61	Cross-Sectional Analysis of the Utility of Pulmonary Function Tests in Predicting Emphysema in Ever-Smokers. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 1324-1340.	1.2	28
62	Human rhinovirus proteinase 2A induces TH1 and TH2 immunity in patients with chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 1369-1378.e2.	1.5	71
63	Lung Myeloid Dendritic Cells Coordinately Induce T <sub>H</sub> 1 and T <sub>H</sub> 17 Responses in Human Emphysema. <i>Science Translational Medicine</i> , 2009, 1, 4ra10.	5.8	124
64	Divergent functions for airway epithelial matrix metalloproteinase 7 and retinoic acid in experimental asthma. <i>Nature Immunology</i> , 2009, 10, 496-503.	7.0	104
65	Antielastin autoimmunity in tobacco smoking-induced emphysema. <i>Nature Medicine</i> , 2007, 13, 567-569.	15.2	487
66	Type I collagen is a genetic modifier of matrix metalloproteinase 2 in murine skeletal development. <i>Developmental Dynamics</i> , 2007, 236, spc1.	0.8	0
67	MMP2 and MMP9 mediate innate immune response to Pneumococcal pneumonia. <i>FASEB Journal</i> , 2007, 21, A183.	0.2	0
68	An Immune Basis for Lung Parenchymal Destruction in Chronic Obstructive Pulmonary Disease and Emphysema. <i>PLoS Medicine</i> , 2004, 1, e8.	3.9	400
69	A Protease-Activated Pathway Underlying Th Cell Type 2 Activation and Allergic Lung Disease. <i>Journal of Immunology</i> , 2002, 169, 5904-5911.	0.4	292
70	Environmental contributions to the allergic asthma epidemic.. <i>Environmental Health Perspectives</i> , 2002, 110, 553-556.	2.8	25
71	Shedding light on sheddases: role in growth and development. <i>BioEssays</i> , 2002, 24, 8-12.	1.2	121
72	Signaling through the EGF receptor controls lung morphogenesis in part by regulating MT1-MMP-mediated activation of gelatinase A/MMP2. <i>Journal of Cell Science</i> , 2002, 115, 839-848.	1.2	172

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73	Signaling through the EGF receptor controls lung morphogenesis in part by regulating MT1-MMP-mediated activation of gelatinase A/MMP2. <i>Journal of Cell Science</i> , 2002, 115, 839-48.	1.2	150