

# Farrah Kheradmand

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

4,506  
citations

159525

30  
h-index

106281

65  
g-index

76  
all docs

76  
docs citations

76  
times ranked

6643  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antielastin autoimmunity in tobacco smoking-induced emphysema. <i>Nature Medicine</i> , 2007, 13, 567-569.	15.2	487
2	An Immune Basis for Lung Parenchymal Destruction in Chronic Obstructive Pulmonary Disease and Emphysema. <i>PLoS Medicine</i> , 2004, 1, e8.	3.9	400
3	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
4	Electronic cigarettes disrupt lung lipid homeostasis and innate immunity independent of nicotine. <i>Journal of Clinical Investigation</i> , 2019, 129, 4290-4304.	3.9	264
5	Extracellular matrix in lung development, homeostasis and disease. <i>Matrix Biology</i> , 2018, 73, 77-104.	1.5	200
6	Essential role for autophagy in the maintenance of immunological memory against influenza infection. <i>Nature Medicine</i> , 2014, 20, 503-510.	15.2	173
7	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
8	Cancer Immunotherapy: Historical Perspective of a Clinical Revolution and Emerging Preclinical Animal Models. <i>Frontiers in Immunology</i> , 2017, 8, 829.	2.2	159
9	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
10	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
11	Comprehensive T cell repertoire characterization of non-small cell lung cancer. <i>Nature Communications</i> , 2020, 11, 603.	5.8	140
12	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
13	Shedding light on sheddases: role in growth and development. <i>BioEssays</i> , 2002, 24, 8-12.	1.2	121
14	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
15	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
16	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
17	Microglia and amyloid precursor protein coordinate control of transient <i>Candida cerebritis</i> with memory deficits. <i>Nature Communications</i> , 2019, 10, 58.	5.8	78
18	Autoimmunity in chronic obstructive pulmonary disease: clinical and experimental evidence. <i>Expert Review of Clinical Immunology</i> , 2012, 8, 285-292.	1.3	77

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19	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
20	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
21	ErbB2 Pathway Activation upon Smad4 Loss Promotes Lung Tumor Growth and Metastasis. <i>Cell Reports</i> , 2015, 10, 1599-1613.	2.9	70
22	Agonistic induction of PPAR $\beta$ reverses cigarette smoke-induced emphysema. <i>Journal of Clinical Investigation</i> , 2014, 124, 1371-1381.	3.9	64
23	Nanoparticulate carbon black in cigarette smoke induces DNA cleavage and Th17-mediated emphysema. <i>ELife</i> , 2015, 4, e09623.	2.8	59
24	<i>Candida albicans</i> elicits protective allergic responses via platelet mediated T helper 2 and T helper 17 cell polarization. <i>Immunity</i> , 2021, 54, 2595-2610.e7.	6.6	47
25	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
26	E-Cigarette or Vaping Product Use-associated Lung Injury: Developing a Research Agenda. An NIH Workshop Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 795-802.	2.5	42
27	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
28	Comprehensive immunoproteogenomic analyses of malignant pleural mesothelioma. <i>JCI Insight</i> , 2018, 3, .	2.3	40
29	Progression of EGFR-Mutant Lung Adenocarcinoma is Driven By Alveolar Macrophages. <i>Clinical Cancer Research</i> , 2017, 23, 778-788.	3.2	38
30	Matrix remodeling in chronic lung diseases. <i>Matrix Biology</i> , 2018, 73, 52-63.	1.5	37
31	Cigarette Smoke Induces Intestinal Inflammation via a Th17 Cell-Neutrophil Axis. <i>Frontiers in Immunology</i> , 2019, 10, 75.	2.2	33
32	IL17A Regulates Tumor Latency and Metastasis in Lung Adeno and Squamous SQ.2b and AD.1 Cancer. <i>Cancer Immunology Research</i> , 2018, 6, 645-657.	1.6	31
33	Autoreactive T Cells in Human Smokers is Predictive of Clinical Outcome. <i>Frontiers in Immunology</i> , 2012, 3, 267.	2.2	29
34	Airway mycosis in allergic airway disease. <i>Advances in Immunology</i> , 2019, 142, 85-140.	1.1	29
35	Development of a fixed module repertoire for the analysis and interpretation of blood transcriptome data. <i>Nature Communications</i> , 2021, 12, 4385.	5.8	29
36	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

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37	ALMp1 Potentiates TH1 Polarization and Is Critical for Effective Antitumor and Antiviral Immunity. <i>Frontiers in Immunology</i> , 2017, 8, 1801.	2.2	28
38	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
39	Prognostic and Predictive Biomarkers in Patients With Coronavirus Disease 2019 Treated With Tocilizumab in a Randomized Controlled Trial*. <i>Critical Care Medicine</i> , 2022, 50, 398-409.	0.4	27
40	Environmental contributions to the allergic asthma epidemic.. <i>Environmental Health Perspectives</i> , 2002, 110, 553-556.	2.8	25
41	COVID-19, COPD, and AECOPD: Immunological, Epidemiological, and Clinical Aspects. <i>Frontiers in Medicine</i> , 2020, 7, 627278.	1.2	24
42	Cardiopulmonary Consequences of Vaping in Adolescents: A Scientific Statement From the American Heart Association. <i>Circulation Research</i> , 2022, 131, .	2.0	24
43	Cigarette smokeâ€“induced reduction of C1q promotes emphysema. <i>JCI Insight</i> , 2019, 4, .	2.3	23
44	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
45	Elastinâ€“Specific Autoimmunity in Smokers With Thoracic Aortic Aneurysm and Dissection is Independent of Chronic Obstructive Pulmonary Disease. <i>Journal of the American Heart Association</i> , 2019, 8, e011671.	1.6	22
46	Fibrinogen cleavage products and Toll-like receptor 4 promote the generation of programmed cell death 1 ligand 2â€“positive dendritic cells in allergic asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 530-541.e6.	1.5	20
47	Benefits of antifungal therapy in asthma patients with airway mycosis: A retrospective cohort analysis. <i>Immunity, Inflammation and Disease</i> , 2018, 6, 264-275.	1.3	19
48	Rare deleterious germline variants and risk of lung cancer. <i>Npj Precision Oncology</i> , 2021, 5, 12.	2.3	19
49	A global Slc7a7 knockout mouse model demonstrates characteristic phenotypes of human lysinuric protein intolerance. <i>Human Molecular Genetics</i> , 2020, 29, 2171-2184.	1.4	15
50	Advances and Evolving Concepts in Allergic Asthma. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2018, 39, 064-081.	0.8	14
51	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
52	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
53	Laryngeal inflammatory response to smoke and vape in a murine model. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2019, 40, 89-92.	0.6	11
54	Esomeprazole enhances the effect of ionizing radiation to improve tumor control. <i>Oncotarget</i> , 2021, 12, 1339-1353.	0.8	10

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55	Cigarette Smoke and DNA Cleavage Promote Lung Inflammation and Emphysema. Transactions of the American Clinical and Climatological Association, 2017, 128, 222-233.	0.9	10
56	CD11a polymorphisms regulate TH2 cell homing and TH2-related disease. Journal of Allergy and Clinical Immunology, 2014, 133, 189-197.e8.	1.5	9
57	Esomeprazole attenuates inflammatory and fibrotic response in lung cells through the MAPK/Nrf2/HO1 pathway. Journal of Inflammation, 2021, 18, 17.	1.5	9
58	Lung Cancer Heterogeneity in Modulation of Th17/IL17A Responses. Frontiers in Oncology, 2019, 9, 1384.	1.3	7
59	The immune response to airway mycosis. Current Opinion in Microbiology, 2021, 62, 45-50.	2.3	7
60	A Novel Animal Model of Emphysema Induced by Anti-Elastin Autoimmunity. Journal of Immunology, 2019, 203, 349-359.	0.4	6
61	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
62	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
63	Loss of Peripheral Tolerance in Emphysema. Phenotypes, Exacerbations, and Disease Progression. Annals of the American Thoracic Society, 2015, 12 Suppl 2, S164-8.	1.5	6
64	Therapeutic Targeting of Macrophage Plasticity Remodels the Tumor-Immune Microenvironment. Cancer Research, 2022, 82, 2593-2609.	0.4	5
65	Cigarette Smoke Exposure in Mice using a Whole-Body Inhalation System. Journal of Visualized Experiments, 2020, , .	0.2	4
66	Airway Mycosis and the Regulation of Type 2 Immunity. Journal of Fungi (Basel, Switzerland), 2020, 6, 74.	1.5	3
67	A Fungal Protease Model to Interrogate Allergic Lung Immunity. Methods in Molecular Biology, 2018, 1799, 1-9.	0.4	2
68	Novel acute hypersensitivity pneumonitis model induced by airway mycosis and high dose lipopolysaccharide. Respiratory Research, 2021, 22, 263.	1.4	2
69	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
70	Type I collagen is a genetic modifier of matrix metalloproteinase 2 in murine skeletal development. Developmental Dynamics, 2007, 236, spc1.	0.8	0
71	Response to "Speculation vs. evidence in the association between e-cigarette use and COVID-19". Preventive Medicine Reports, 2021, 23, 101322.	0.8	0
72	MMP2 and MMP9 mediate innate immune response to Pneumococcal pneumonia. FASEB Journal, 2007, 21, A183.	0.2	0

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73	Cigarette Smoke Exposure in Mice using a Whole-Body Inhalation System. Journal of Visualized Experiments, 2020, , .	0.2	0