

# Humam Kadara

## List of Publications by Year in descending order

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77  
papers

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citations

117625

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85  
docs citations

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#	ARTICLE	IF	CITATIONS
1	Co-occurring Genomic Alterations Define Major Subsets of <i>KRAS</i> -Mutant Lung Adenocarcinoma with Distinct Biology, Immune Profiles, and Therapeutic Vulnerabilities. <i>Cancer Discovery</i> , 2015, 5, 860-877.	9.4	696
2	Neoadjuvant nivolumab or nivolumab plus ipilimumab in operable non-small cell lung cancer: the phase 2 randomized NEOSTAR trial. <i>Nature Medicine</i> , 2021, 27, 504-514.	30.7	357
3	IL6 Blockade Reprograms the Lung Tumor Microenvironment to Limit the Development and Progression of <i>K-ras</i> Mutant Lung Cancer. <i>Cancer Research</i> , 2016, 76, 3189-3199.	0.9	165
4	ETS2 Mediated Tumor Suppressive Function and MET Oncogene Inhibition in Human Non-Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2013, 19, 3383-3395.	7.0	146
5	Comprehensive T cell repertoire characterization of non-small cell lung cancer. <i>Nature Communications</i> , 2020, 11, 603.	12.8	140
6	Image Analysis-based Assessment of PD-L1 and Tumor-Associated Immune Cells Density Supports Distinct Intratumoral Microenvironment Groups in Non-small Cell Lung Carcinoma Patients. <i>Clinical Cancer Research</i> , 2016, 22, 6278-6289.	7.0	130
7	Circulating Tumor Cell Detection Technologies and Clinical Utility: Challenges and Opportunities. <i>Cancers</i> , 2020, 12, 1930.	3.7	128
8	Sex Determining Region Y-Box 2 (SOX2) Is a Potential Cell-Lineage Gene Highly Expressed in the Pathogenesis of Squamous Cell Carcinomas of the Lung. <i>PLoS ONE</i> , 2010, 5, e9112.	2.5	117
9	Genomic Landscape of Atypical Adenomatous Hyperplasia Reveals Divergent Modes to Lung Adenocarcinoma. <i>Cancer Research</i> , 2017, 77, 6119-6130.	0.9	92
10	Histologic patterns and molecular characteristics of lung adenocarcinoma associated with clinical outcome. <i>Cancer</i> , 2012, 118, 2889-2899.	4.1	91
11	Multi-region exome sequencing reveals genomic evolution from preneoplasia to lung adenocarcinoma. <i>Nature Communications</i> , 2019, 10, 2978.	12.8	91
12	Early Events in the Molecular Pathogenesis of Lung Cancer. <i>Cancer Prevention Research</i> , 2016, 9, 518-527.	1.5	82
13	Field Cancerization in Non-Small Cell Lung Cancer. <i>Proceedings of the American Thoracic Society</i> , 2012, 9, 38-42.	3.5	78
14	9p21 loss confers a cold tumor immune microenvironment and primary resistance to immune checkpoint therapy. <i>Nature Communications</i> , 2021, 12, 5606.	12.8	76
15	Abnormalities of the <i>TTF-1</i> Lineage-Specific Oncogene in NSCLC: Implications in Lung Cancer Pathogenesis and Prognosis. <i>Clinical Cancer Research</i> , 2011, 17, 2434-2443.	7.0	74
16	Immune evolution from preneoplasia to invasive lung adenocarcinomas and underlying molecular features. <i>Nature Communications</i> , 2021, 12, 2722.	12.8	74
17	Insights Into Lung Cancer Immune-Based Biology, Prevention, and Treatment. <i>Frontiers in Immunology</i> , 2020, 11, 159.	4.8	73
18	Transcriptomic Architecture of the Adjacent Airway Field Cancerization in Non-Small Cell Lung Cancer. <i>Journal of the National Cancer Institute</i> , 2014, 106, dju004.	6.3	72

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19	Resolving the Spatial and Cellular Architecture of Lung Adenocarcinoma by Multiregion Single-Cell Sequencing. <i>Cancer Discovery</i> , 2021, 11, 2506-2523.	9.4	68
20	Pulmonary adenocarcinoma: A renewed entity in 2011. <i>Respirology</i> , 2012, 17, 50-65.	2.3	65
21	A Five-Gene and Corresponding Protein Signature for Stage-I Lung Adenocarcinoma Prognosis. <i>Clinical Cancer Research</i> , 2011, 17, 1490-1501.	7.0	63
22	Characterization of the Immune Landscape of EGFR-Mutant NSCLC Identifies CD73/Adenosine Pathway as a Potential Therapeutic Target. <i>Journal of Thoracic Oncology</i> , 2021, 16, 583-600.	1.1	62
23	IL22 Promotes <i>Kras</i> -Mutant Lung Cancer by Induction of a Protumor Immune Response and Protection of Stemness Properties. <i>Cancer Immunology Research</i> , 2018, 6, 788-797.	3.4	59
24	Sex specific function of epithelial STAT3 signaling in pathogenesis of K-ras mutant lung cancer. <i>Nature Communications</i> , 2018, 9, 4589.	12.8	57
25	Identification of Gene Signatures and Molecular Markers for Human Lung Cancer Prognosis using an <i>In vitro</i> Lung Carcinogenesis System. <i>Cancer Prevention Research</i> , 2009, 2, 702-711.	1.5	56
26	The HGF/c-MET Pathway Is a Driver and Biomarker of VEGFR-inhibitor Resistance and Vascular Remodeling in Non-Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 5489-5501.	7.0	55
27	G-Protein Coupled Receptor Family C, Group 5, Member A ( <i>gprc5a</i> ) Expression Is Decreased in the Adjacent Field and Normal Bronchial Epithelia of Patients with Chronic Obstructive Pulmonary Disease and Non-Small-Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2012, 7, 1747-1754.	1.1	51
28	Smoking and Lung Cancer: A Geo-Regional Perspective. <i>Frontiers in Oncology</i> , 2017, 7, 194.	2.8	49
29	Induction of endoplasmic reticulum stress by the pro-apoptotic retinoid N-(4-Hydroxyphenyl)retinamide via a reactive oxygen species-dependent mechanism in human head and neck cancer cells. <i>Cancer Biology and Therapy</i> , 2007, 6, 705-711.	3.4	42
30	Nodal immune flare mimics nodal disease progression following neoadjuvant immune checkpoint inhibitors in non-small cell lung cancer. <i>Nature Communications</i> , 2021, 12, 5045.	12.8	42
31	Comparative Functional Genomics Analysis of NNK Tobacco-Carcinogen Induced Lung Adenocarcinoma Development in <i>Gprc5a</i> -Knockout Mice. <i>PLoS ONE</i> , 2010, 5, e11847.	2.5	41
32	Characterizing the Molecular Spatial and Temporal Field of Injury in Early-Stage Smoker Non-Small Cell Lung Cancer Patients after Definitive Surgery by Expression Profiling. <i>Cancer Prevention Research</i> , 2013, 6, 8-17.	1.5	36
33	Genomic Landscape Established by Allelic Imbalance in the Cancerization Field of a Normal Appearing Airway. <i>Cancer Research</i> , 2016, 76, 3676-3683.	0.9	35
34	Induction of GDF-15/NAG-1/MIC-1 in human lung carcinoma cells by retinoid-related molecules and assessment of its role in apoptosis. <i>Cancer Biology and Therapy</i> , 2006, 5, 518-522.	3.4	34
35	Lung Cancer Models Reveal Severe Acute Respiratory Syndrome Coronavirus 2-Induced Epithelial-to-Mesenchymal Transition Contributes to Coronavirus Disease 2019 Pathophysiology. <i>Journal of Thoracic Oncology</i> , 2021, 16, 1821-1839.	1.1	34
36	Development of <i>Kras</i> mutant lung adenocarcinoma in mice with knockout of the airway lineage-specific gene <i>Gprc5a</i> . <i>International Journal of Cancer</i> , 2017, 141, 1589-1599.	5.1	33

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37	A Gprc5a Tumor Suppressor Loss of Expression Signature Is Conserved, Prevalent, and Associated with Survival in Human Lung Adenocarcinomas. <i>Neoplasia</i> , 2010, 12, 499-508.	5.3	32
38	Evolution of DNA methylome from precancerous lesions to invasive lung adenocarcinomas. <i>Nature Communications</i> , 2021, 12, 687.	12.8	30
39	Pretreatment Tissue TCR Repertoire Evenness Is Associated with Complete Pathologic Response in Patients with NSCLC Receiving Neoadjuvant Chemoimmunotherapy. <i>Clinical Cancer Research</i> , 2021, 27, 5878-5890.	7.0	30
40	Requirement for MUC5AC in KRAS-dependent lung carcinogenesis. <i>JCI Insight</i> , 2018, 3, .	5.0	25
41	<i>tbx2</i> subfamily suppression in lung cancer pathogenesis: a high-potential marker for early detection. <i>Oncotarget</i> , 2017, 8, 68230-68241.	1.8	25
42	Targeting IL-1 $\beta$ as an immunopreventive and therapeutic modality for K-ras <sup>G12S</sup> mutant lung cancer. <i>JCI Insight</i> , 2022, 7, .	5.0	25
43	Strategies for identification of somatic variants using the Ion Torrent deep targeted sequencing platform. <i>BMC Bioinformatics</i> , 2018, 19, 5.	2.6	24
44	Genome-wide gene expression analysis of a murine model of prostate cancer progression: Deciphering the roles of IL-6 and p38 MAPK as potential therapeutic targets. <i>PLoS ONE</i> , 2020, 15, e0237442.	2.5	24
45	Involvement of Rac in Fenretinide-Induced Apoptosis. <i>Cancer Research</i> , 2008, 68, 4416-4423.	0.9	23
46	Genome-Wide Gene Expression Changes in the Normal-Appearing Airway during the Evolution of Smoking-Associated Lung Adenocarcinoma. <i>Cancer Prevention Research</i> , 2018, 11, 237-248.	1.5	23
47	<i>SLURP1</i> is mutated in Mal de Meleda, a potential molecular signature for melanoma and a putative squamous lineage tumor suppressor gene. <i>International Journal of Dermatology</i> , 2018, 57, 162-170.	1.0	23
48	Transcriptomic Alterations in Lung Adenocarcinoma Unveil New Mechanisms Targeted by the TBX2 Subfamily of Tumor Suppressor Genes. <i>Frontiers in Oncology</i> , 2018, 8, 482.	2.8	23
49	Distinct pattern of <i>TP53</i> mutations in human immunodeficiency virus-related head and neck squamous cell carcinoma. <i>Cancer</i> , 2018, 124, 84-94.	4.1	22
50	Augmented Lipocalin-2 Is Associated with Chronic Obstructive Pulmonary Disease and Counteracts Lung Adenocarcinoma Development. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 90-101.	5.6	22
51	<sup>18</sup> F-fluorodeoxyglucose positron emission tomography correlates with tumor immunometabolic phenotypes in resected lung cancer. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 1519-1534.	4.2	21
52	Driver Mutations in Normal Airway Epithelium Elucidate Spatiotemporal Resolution of Lung Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 742-750.	5.6	20
53	Epigenetic Suppression of the T-box Subfamily 2 (TBX2) in Human Non-Small Cell Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1159.	4.1	19
54	Tideglusib attenuates growth of neuroblastoma cancer stem/progenitor cells in vitro and in vivo by specifically targeting GSK-3 $\beta$ . <i>Pharmacological Reports</i> , 2021, 73, 211-226.	3.3	19

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55	Radiotherapeutic bandage for the treatment of squamous cell carcinoma of the skin. <i>Nuclear Medicine and Biology</i> , 2016, 43, 333-338.	0.6	18
56	LAPTM4B is associated with poor prognosis in NSCLC and promotes the NRF2-mediated stress response pathway in lung cancer cells. <i>Scientific Reports</i> , 2015, 5, 13846.	3.3	15
57	Genomic landscape of allelic imbalance in premalignant atypical adenomatous hyperplasias of the lung. <i>EBioMedicine</i> , 2019, 42, 296-303.	6.1	15
58	Field Carcinogenesis in Cancer Evolution: What the Cell Is Going On?. <i>Cancer Research</i> , 2020, 80, 4888-4891.	0.9	15
59	CD73 expression defines immune, molecular, and clinicopathological subgroups of lung adenocarcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 1965-1976.	4.2	14
60	Genomics of adult and pediatric solid tumors. <i>American Journal of Cancer Research</i> , 2018, 8, 1356-1386.	1.4	14
61	Early Diagnosis and Screening for Lung Cancer. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021, 11, a037994.	6.2	13
62	Genome-Wide and Phenotypic Evaluation of Stem Cell Progenitors Derived From Gprc5a-Deficient Murine Lung Adenocarcinoma With Somatic Kras Mutations. <i>Frontiers in Oncology</i> , 2019, 9, 207.	2.8	11
63	Female Gender Predicts Augmented Immune Infiltration in Lung Adenocarcinoma. <i>Clinical Lung Cancer</i> , 2021, 22, e415-e424.	2.6	10
64	Anti-Tumor Effects of Biomimetic Sulfated Glycosaminoglycans on Lung Adenocarcinoma Cells in 2D and 3D In Vitro Models. <i>Molecules</i> , 2020, 25, 2595.	3.8	9
65	Interplay between estrogen and Stat3/NF- $\kappa$ B-driven immunomodulation in lung cancer. <i>Carcinogenesis</i> , 2020, 41, 1529-1542.	2.8	9
66	Distinct Immune Gene Programs Associated with Host Tumor Immunity, Neoadjuvant Chemotherapy, and Chemoimmunotherapy in Resectable NSCLC. <i>Clinical Cancer Research</i> , 2022, 28, 2461-2473.	7.0	9
67	Defining Genome-Wide Expression and Phenotypic Contextual Cues in Macrophages Generated by Granulocyte/Macrophage Colony-Stimulating Factor, Macrophage Colony-Stimulating Factor, and Heat-Killed Mycobacteria. <i>Frontiers in Immunology</i> , 2017, 8, 1253.	4.8	7
68	Single-Cell Expression Landscape of SARS-CoV-2 Receptor ACE2 and Host Proteases in Normal and Malignant Lung Tissues from Pulmonary Adenocarcinoma Patients. <i>Cancers</i> , 2021, 13, 1250.	3.7	7
69	OBIF: an omics-based interaction framework to reveal molecular drivers of synergy. <i>NAR Genomics and Bioinformatics</i> , 2022, 4, lqac028.	3.2	5
70	Germline and Somatic Smoothed Mutations in Non-Small-Cell Lung Cancer Are Potentially Responsive to Hedgehog Inhibitor Vismodegib. <i>JCO Precision Oncology</i> , 2017, 1, 1-10.	3.0	3
71	Deep targeted sequencing analysis of hot spot mutations in non-small cell lung cancer patients from the Middle Eastern population. <i>Journal of Thoracic Disease</i> , 2019, 11, 2383-2391.	1.4	3
72	Cytokine/Chemokine Release Patterns and Transcriptomic Profiles of LPS/IFN $\gamma$ -Activated Human Macrophages Differentiated with Heat-Killed Mycobacterium obuense, M-CSF, or GM-CSF. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7214.	4.1	3

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73	Sex differences in gene expression with galactosylceramide treatment in Cln3 <sup>fl</sup> ex7/8 mice. PLoS ONE, 2020, 15, e0239537.	2.5	3
74	Cell-by-Cell: Unlocking Lung Cancer Pathogenesis. Cancers, 2022, 14, 3424.	3.7	3
75	Prevalence of programmed death ligand-1 in patients diagnosed with non-small cell lung cancer in Lebanon. SAGE Open Medicine, 2021, 9, 205031212110437.	1.8	1
76	Chronic Exposure to Waterpipe Smoke Elicits Immunomodulatory and Carcinogenic Effects in the Lung. Cancer Prevention Research, 2022, 15, 423-434.	1.5	1
77	Whole Transcriptome Sequencing Analysis of Cancer Stem/Progenitor Cells Obtained from Mouse Lung Adenocarcinomas. Methods in Molecular Biology, 2021, 2279, 187-198.	0.9	0