

# Arnav Mehta

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

3,041  
citations

331670

21  
h-index

395702

33  
g-index

43  
all docs

43  
docs citations

43  
times ranked

6342  
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNAs as regulatory elements in immune system logic. <i>Nature Reviews Immunology</i> , 2016, 16, 279-294.	22.7	616
2	Conversion of Danger Signals into Cytokine Signals by Hematopoietic Stem and Progenitor Cells for Regulation of Stress-Induced Hematopoiesis. <i>Cell Stem Cell</i> , 2014, 14, 445-459.	11.1	276
3	Multidisciplinary standards of care and recent progress in pancreatic ductal adenocarcinoma. <i>Ca-A Cancer Journal for Clinicians</i> , 2020, 70, 375-403.	329.8	237
4	Temporal and spatial heterogeneity of host response to SARS-CoV-2 pulmonary infection. <i>Nature Communications</i> , 2020, 11, 6319.	12.8	203
5	An NF- $\kappa$ B-microRNA regulatory network tunes macrophage inflammatory responses. <i>Nature Communications</i> , 2017, 8, 851.	12.8	191
6	Longitudinal proteomic analysis of severe COVID-19 reveals survival-associated signatures, tissue-specific cell death, and cell-cell interactions. <i>Cell Reports Medicine</i> , 2021, 2, 100287.	6.5	183
7	Oncomir miR-125b regulates hematopoiesis by targeting the gene Lin28A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4233-4238.	7.1	143
8	Immunotherapy Resistance by Inflammation-Induced Dedifferentiation. <i>Cancer Discovery</i> , 2018, 8, 935-943.	9.4	130
9	Heterogeneous Responses of Hematopoietic Stem Cells to Inflammatory Stimuli Are Altered with Age. <i>Cell Reports</i> , 2018, 25, 2992-3005.e5.	6.4	127
10	Radiation therapy enhances immunotherapy response in microsatellite stable colorectal and pancreatic adenocarcinoma in a phase II trial. <i>Nature Cancer</i> , 2021, 2, 1124-1135.	13.2	112
11	SARS-CoV-2 viremia is associated with distinct proteomic pathways and predicts COVID-19 outcomes. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	94
12	The MicroRNA-132 and MicroRNA-212 Cluster Regulates Hematopoietic Stem Cell Maintenance and Survival with Age by Buffering FOXO3 Expression. <i>Immunity</i> , 2015, 42, 1021-1032.	14.3	84
13	Plasma ACE2 predicts outcome of COVID-19 in hospitalized patients. <i>PLoS ONE</i> , 2021, 16, e0252799.	2.5	81
14	The microRNA-212/132 cluster regulates B cell development by targeting Sox4. <i>Journal of Experimental Medicine</i> , 2015, 212, 1679-1692.	8.5	72
15	A stochastic epigenetic switch controls the dynamics of T-cell lineage commitment. <i>ELife</i> , 2018, 7, .	6.0	70
16	Validation of postoperative residual contrast-enhancing tumor volume as an independent prognostic factor for overall survival in newly diagnosed glioblastoma. <i>Neuro-Oncology</i> , 2018, 20, 1240-1250.	1.2	64
17	Plasma from patients with bacterial sepsis or severe COVID-19 induces suppressive myeloid cell production from hematopoietic progenitors in vitro. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	64
18	Alveolar, Endothelial, and Organ Injury Marker Dynamics in Severe COVID-19. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 507-519.	5.6	56

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19	Early Tumor Immune Microenvironmental Remodeling and Response to First-Line Fluoropyrimidine and Platinum Chemotherapy in Advanced Gastric Cancer. <i>Cancer Discovery</i> , 2022, 12, 984-1001.	9.4	52
20	Plasma-derived extracellular vesicle analysis and deconvolution enable prediction and tracking of melanoma checkpoint blockade outcome. <i>Science Advances</i> , 2020, 6, .	10.3	37
21	Ga <sup>3+</sup> as a mechanistic probe in Fe <sup>3+</sup> transport: characterization of Ga <sup>3+</sup> interaction with FbpA. <i>Journal of Biological Inorganic Chemistry</i> , 2008, 13, 887-898.	2.6	22
22	Fitness Landscape of Clonal Hematopoiesis Under Selective Pressure of Immune Checkpoint Blockade. <i>JCO Precision Oncology</i> , 2020, 4, 1027-1033.	3.0	20
23	Plasma P-selectin is an early marker of thromboembolism in COVID-19. <i>American Journal of Hematology</i> , 2021, 96, E468-E471.	4.1	17
24	Post-chemoradiation volumetric response predicts survival in newly diagnosed glioblastoma treated with radiation, temozolomide, and bevacizumab or placebo. <i>Neuro-Oncology</i> , 2018, 20, 1525-1535.	1.2	15
25	Molecular Imaging of Brain Tumors Using Liposomal Contrast Agents and Nanoparticles. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2016, 24, 751-763.	1.1	7
26	Vasopressin infusion in COVID-19 critical illness is not associated with impaired viral clearance: a pilot study. <i>British Journal of Anaesthesia</i> , 2021, 127, e146-e148.	3.4	7
27	The present and future of systemic and microenvironment-targeted therapy for pancreatic adenocarcinoma. <i>Annals of Pancreatic Cancer</i> , 2020, 3, 3-3.	1.2	2
28	Bringing Personalized Medicine to Precision Medicine in Gastroesophageal Cancer. <i>JAMA Network Open</i> , 2020, 3, e1921289.	5.9	1
29	The microRNA-212/132 cluster regulates B cell development by targeting Sox4. <i>Journal of Cell Biology</i> , 2015, 210, 2107OIA191.	5.2	1
30	Acquired resistance to T cell adoptive transfer by inflammation-induced melanoma dedifferentiation.. <i>Journal of Clinical Oncology</i> , 2018, 36, 3047-3047.	1.6	1
31	Future Clinical Applications of Molecular Imaging: Nanoparticles, Cellular Probes, and Imaging of Gene Expression. , 2014, , 225-237.		1
32	Liquid biopsy using plasma proteomic profiling to reveal predictors of immunotherapy response.. <i>Journal of Clinical Oncology</i> , 2019, 37, 130-130.	1.6	1
33	Hematopoietic Stem Cells Respond Heterogeneously to Inflammatory Signals in an Age-Dependent Manner. <i>Blood</i> , 2016, 128, 566-566.	1.4	0
34	A phase II study of niraparib and dostarlimab with radiation in patients with metastatic pancreatic cancer.. <i>Journal of Clinical Oncology</i> , 2022, 40, 564-564.	1.6	0
35	Abstract SY12-04: Multicellular spatial community featuring a novel neuronal-like malignant phenotype is enriched in pancreatic cancer after neoadjuvant chemotherapy and radiotherapy. <i>Cancer Research</i> , 2022, 82, SY12-04-SY12-04.	0.9	0