

# Pankaj Seth

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4679348/publications.pdf>

Version: 2024-02-01

25  
papers

3,268  
citations

331538

21  
h-index

552653

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

6634  
citing authors

#	ARTICLE	IF	CITATIONS
1	PD-1 alters T-cell metabolic reprogramming by inhibiting glycolysis and promoting lipolysis and fatty acid oxidation. <i>Nature Communications</i> , 2015, 6, 6692.	5.8	834
2	Targeting Lactate Dehydrogenase-A Inhibits Tumorigenesis and Tumor Progression in Mouse Models of Lung Cancer and Impacts Tumor-Initiating Cells. <i>Cell Metabolism</i> , 2014, 19, 795-809.	7.2	411
3	Lactate Is a Natural Suppressor of RLR Signaling by Targeting MAVS. <i>Cell</i> , 2019, 178, 176-189.e15.	13.5	327
4	Phosphoinositide 3-Kinase Regulates Glycolysis through Mobilization of Aldolase from the Actin Cytoskeleton. <i>Cell</i> , 2016, 164, 433-446.	13.5	301
5	Lactate dehydrogenase activity drives hair follicle stem cell activation. <i>Nature Cell Biology</i> , 2017, 19, 1017-1026.	4.6	203
6	Targeting T Cell Metabolism for Improvement of Cancer Immunotherapy. <i>Frontiers in Oncology</i> , 2018, 8, 237.	1.3	123
7	Magic roundabout, a tumor endothelial marker: Expression and signaling. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 533-541.	1.0	107
8	Deletion of Lactate Dehydrogenase-A in Myeloid Cells Triggers Antitumor Immunity. <i>Cancer Research</i> , 2017, 77, 3632-3643.	0.4	102
9	Blockade of Lactate Dehydrogenase-A (LDH-A) Improves Efficacy of Anti-Programmed Cell Death-1 (PD-1) Therapy in Melanoma. <i>Cancers</i> , 2019, 11, 450.	1.7	101
10	Citrate Suppresses Tumor Growth in Multiple Models through Inhibition of Glycolysis, the Tricarboxylic Acid Cycle and the IGF-1R Pathway. <i>Scientific Reports</i> , 2017, 7, 4537.	1.6	94
11	Tumor-derived lactate and myeloid-derived suppressor cells: Linking metabolism to cancer immunology. <i>Oncotarget</i> , 2013, 2, e26383.	2.1	87
12	Metabolic Switch in the Tumor Microenvironment Determines Immune Responses to Anti-cancer Therapy. <i>Frontiers in Oncology</i> , 2018, 8, 284.	1.3	80
13	Phosphoinositide 3-kinase inhibitors induce DNA damage through nucleoside depletion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4338-47.	3.3	76
14	On-target Inhibition of Tumor Fermentative Glycolysis as Visualized by Hyperpolarized Pyruvate. <i>Neoplasia</i> , 2011, 13, 60-71.	2.3	75
15	Clinical significance of T cell metabolic reprogramming in cancer. <i>Clinical and Translational Medicine</i> , 2016, 5, 29.	1.7	69
16	Immunometabolic Regulations Mediated by Coinhibitory Receptors and Their Impact on T Cell Immune Responses. <i>Frontiers in Immunology</i> , 2017, 8, 330.	2.2	44
17	Heme oxygenase-1 in macrophages controls prostate cancer progression. <i>Oncotarget</i> , 2015, 6, 33675-33688.	0.8	44
18	Neutrophil gelatinase-associated lipocalin suppresses cyst growth by Pkd1 null cells in vitro and in vivo. <i>Kidney International</i> , 2008, 74, 1310-1318.	2.6	42

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19	The Role of Lactate Metabolism in Prostate Cancer Progression and Metastases Revealed by Dual-Agent Hyperpolarized <sup>13</sup> C MRSI. <i>Cancers</i> , 2019, 11, 257.	1.7	41
20	The role of metabolic reprogramming in T cell fate and function. <i>Current Trends in Immunology</i> , 2016, 17, 1-12.	4.0	29
21	Selective spectroscopic imaging of hyperpolarized pyruvate and its metabolites using a single-echo variable phase advance method in balanced SSFP. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 1102-1115.	1.9	23
22	Blockade of 6-phosphogluconate dehydrogenase generates CD8+ effector T cells with enhanced anti-tumor function. <i>Cell Reports</i> , 2021, 34, 108831.	2.9	23
23	6-Phosphogluconate dehydrogenase (6PGD), a key checkpoint in reprogramming of regulatory T cells metabolism and function. <i>ELife</i> , 2021, 10, .	2.8	17
24	Visualizing the effects of lactate dehydrogenase (LDH) inhibition and <i>LDH</i> genetic ablation in breast and lung cancer with hyperpolarized pyruvate NMR. <i>NMR in Biomedicine</i> , 2021, 34, e4560.	1.6	9
25	Transplantation of Autologously-Derived Mitochondria Protects the Heart from Ischemia-Reperfusion Injury. <i>FASEB Journal</i> , 2013, 27, 1209.7.	0.2	1