Pankaj Seth

List of Publications by Year
in descending order

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	Blockade of 6-phosphogluconate dehydrogenase generates CD8+ effector TÂcells with enhanced anti-tumor function. Cell Reports, 2021, 34, 108831.	2.9	23
2	Visualizing the effects of lactate dehydrogenase (LDH) inhibition and LDHâ€A genetic ablation in breast and lung cancer with hyperpolarized pyruvate NMR. NMR in Biomedicine, 2021, 34, e4560.	1.6	9
3	6-Phosphogluconate dehydrogenase (6PGD), a key checkpoint in reprogramming of regulatory T cells metabolism and function. ELife, 2021, 10, .	2.8	17
4	Lactate Is a Natural Suppressor of RLR Signaling by Targeting MAVS. Cell, 2019, 178, 176-189.e15.	13.5	327
5	The Role of Lactate Metabolism in Prostate Cancer Progression and Metastases Revealed by Dual-Agent Hyperpolarized 13C MRSI. Cancers, 2019, 11, 257.	1.7	41
6	Blockade of Lactate Dehydrogenase-A (LDH-A) Improves Efficacy of Anti-Programmed Cell Death-1 (PD-1) Therapy in Melanoma. Cancers, 2019, 11, 450.	1.7	101
7	Metabolic Switch in the Tumor Microenvironment Determines Immune Responses to Anti-cancer Therapy. Frontiers in Oncology, 2018, 8, 284.	1.3	80
8	Targeting T Cell Metabolism for Improvement of Cancer Immunotherapy. Frontiers in Oncology, 2018, 8, 237.	1.3	123
9	Deletion of Lactate Dehydrogenase-A in Myeloid Cells Triggers Antitumor Immunity. Cancer Research, 2017, 77, 3632-3643.	0.4	102
10	Lactate dehydrogenase activity drives hair follicle stem cell activation. Nature Cell Biology, 2017, 19, 1017-1026.	4.6	203
11	Citrate Suppresses Tumor Growth in Multiple Models through Inhibition of Glycolysis, the Tricarboxylic Acid Cycle and the IGF-1R Pathway. Scientific Reports, 2017, 7, 4537.	1.6	94
12	Immunometabolic Regulations Mediated by Coinhibitory Receptors and Their Impact on T Cell Immune Responses. Frontiers in Immunology, 2017, 8, 330.	2.2	44
13	Selective spectroscopic imaging of hyperpolarized pyruvate and its metabolites using a singleâ€echo variable phase advance method in balanced SSFP. Magnetic Resonance in Medicine, 2016, 76, 1102-1115.	1.9	23
14	Clinical significance of T cell metabolic reprogramming in cancer. Clinical and Translational Medicine, 2016, 5, 29.	1.7	69
15	Phosphoinositide 3-kinase inhibitors induce DNA damage through nucleoside depletion. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4338-47.	3.3	76
16	Phosphoinositide 3-Kinase Regulates Glycolysis through Mobilization of Aldolase from the Actin Cytoskeleton. Cell, 2016, 164, 433-446.	13.5	301
17	The role of metabolic reprogramming in T cell fate and function. Current Trends in Immunology, 2016, 17, 1-12.	4.0	29
18	PD-1 alters T-cell metabolic reprogramming by inhibiting glycolysis and promoting lipolysis and fatty acid oxidation. Nature Communications, 2015, 6, 6692.	5.8	834

#	Article	IF	Citations
19	Heme oxygenase-1 in macrophages controls prostate cancer progression. Oncotarget, 2015, 6, 33675-33688.	0.8	44
20	Targeting Lactate Dehydrogenase-A Inhibits Tumorigenesis and Tumor Progression in Mouse Models of Lung Cancer and Impacts Tumor-Initiating Cells. Cell Metabolism, 2014, 19, 795-809.	7.2	411
21	Tumor-derived lactate and myeloid-derived suppressor cells: Linking metabolism to cancer immunology. OncoImmunology, 2013, 2, e26383.	2.1	87
22	Transplantation of Autologouslyâ€Derived Mitochondria Protects the Heart from Ischemiaâ€Reperfusion Injury. FASEB Journal, 2013, 27, 1209.7.	0.2	1
23	On-target Inhibition of Tumor Fermentative Glycolysis as Visualized by Hyperpolarized Pyruvate. Neoplasia, 2011, 13, 60-71.	2.3	75
24	Neutrophil gelatinase-associated lipocalin suppresses cyst growth by Pkd1 null cells in vitro and in vivo. Kidney International, 2008, 74, 1310-1318.	2.6	42
25	Magic roundabout, a tumor endothelial marker: Expression and signaling. Biochemical and Biophysical Research Communications, 2005, 332, 533-541.	1.0	107