Sushant Khanal

List of Publications by Citations

18 papers	145 citations	8 h-index	11 g-index
18 ext. papers	285 ext. citations	7.8 avg, IF	2.71 L-index

#	Paper	IF	Citations
18	Topological DNA damage, telomere attrition and T cell senescence during chronic viral infections. *Immunity and Ageing*, **2019**, 16, 12	9.7	17
17	ATM Deficiency Accelerates DNA Damage, Telomere Erosion, and Premature T Cell Aging in HIV-Infected Individuals on Antiretroviral Therapy. *Frontiers in Immunology*, **2019**, 10, 2531	8.4	17
16	Disruption of Telomere Integrity and DNA Repair Machineries by KML001 Induces T Cell Senescence, Apoptosis, and Cellular Dysfunctions. *Frontiers in Immunology*, **2019**, 10, 1152	8.4	14
15	Inhibition of topoisomerase IIA (Top2)induces telomeric DNA damage and T cell dysfunction during chronic viral infection. *Cell Death and Disease*, **2020**, 11, 196	9.8	12
14	HCV-Associated Exosomes Upregulate RUNXOR and RUNX1 Expressions to Promote MDSC Expansion and Suppressive Functions through STAT3-miR124 Axis. *Cells*, **2020**, 9,	7.9	11
13	HIV-1 Latency and Viral Reservoirs: Existing Reversal Approaches and Potential Technologies, Targets, and Pathways Involved in HIV Latency Studies. *Cells*, **2021**, 10,	7.9	11
12	Telomeric injury by KML001 in human T cells induces mitochondrial dysfunction through the p53-PGC-1pathway. *Cell Death and Disease*, **2020**, 11, 1030	9.8	9
11	Blockade of SARS-CoV-2 spike protein-mediated cell-cell fusion using COVID-19 convalescent plasma. *Scientific Reports*, **2021**, 11, 5558	4.9	9
10	LncRNA HOTAIRM1 promotes MDSC expansion and suppressive functions through the HOXA1-miR124 axis during HCV infection. *Scientific Reports*, **2020**, 10, 22033	4.9	7
9	A Matter of Life or Death: Productively Infected and Bystander CD4 T Cells in Early HIV Infection. *Frontiers in Immunology*, **2020**, 11, 626431	8.4	7
8	Long Non-coding RNA GAS5 Regulates T Cell Functions via miR21-Mediated Signaling in People Living With HIV. *Frontiers in Immunology*, **2021**, 12, 601298	8.4	7
7	Selective oxidative stress induces dual damage to telomeres and mitochondria in human T cells. *Aging Cell*, **2021**, 20, e13513	9.9	6
6	SARS-CoV-2 specific memory T cell epitopes identified in COVID-19-recovered subjects. *Virus Research*, **2021**, 304, 198508	6.4	6
5	Telomere and ATM Dynamics in CD4 T-Cell Depletion in Active and Virus-Suppressed HIV Infections. *Journal of Virology*, **2020**, 94,	6.6	5
4	Long Noncoding RNA RUNXOR Promotes Myeloid-Derived Suppressor Cell Expansion and Functions via Enhancing Immunosuppressive Molecule Expressions during Latent HIV Infection. *Journal of Immunology*, **2021**, 206, 2052-2060	5.3	3
3	Mitochondrial Functions Are Compromised in CD4 T Cells From ART-Controlled PLHIV. *Frontiers in Immunology*, **2021**, 12, 658420	8.4	2
2	Immune Activation Induces Telomeric DNA Damage and Promotes Short-Lived Effector T Cell Differentiation in Chronic HCV Infection. *Hepatology*, **2021**, 74, 2380-2394	11.2	1

1	Oxidative Stress Induces Mitochondrial Compromise in CD4 T Cells From Chronically HCV-Infected Individuals.. *Frontiers in Immunology*, **2021**, 12, 760707	8.4	1