

Shariq M Usmani

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23 papers	710 citations	14 h-index	23 g-index
23 ext. papers	856 ext. citations	12.6 avg, IF	2.98 L-index

#	Paper	IF	Citations
23	Peptide nanofibrils boost retroviral gene transfer and provide a rapid means for concentrating viruses. <i>Nature Nanotechnology</i> , 2013 , 8, 130-6	28.7	102
22	Targeting the CBM complex causes T cells to prime tumours for immune checkpoint therapy. <i>Nature</i> , 2019 , 570, 112-116	50.4	92
21	Direct visualization of HIV-enhancing endogenous amyloid fibrils in human semen. <i>Nature Communications</i> , 2014 , 5, 3508	17.4	73
20	Nef proteins of epidemic HIV-1 group O strains antagonize human tetherin. <i>Cell Host and Microbe</i> , 2014 , 16, 639-50	23.4	57
19	A molecular tweezer antagonizes seminal amyloids and HIV infection. <i>ELife</i> , 2015 , 4,	8.9	55
18	Human tetherin exerts strong selection pressure on the HIV-1 group N Vpu protein. <i>PLoS Pathogens</i> , 2012 , 8, e1003093	7.6	47
17	Semen amyloids participate in spermatozoa selection and clearance. <i>ELife</i> , 2017 , 6,	8.9	45
16	Liquefaction of semen generates and later degrades a conserved semenogelin peptide that enhances HIV infection. <i>Journal of Virology</i> , 2014 , 88, 7221-34	6.6	40
15	Bone degradation machinery of osteoclasts: An HIV-1 target that contributes to bone loss. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E2556-E2565	11.5	35
14	Reacquisition of Nef-mediated tetherin antagonism in a single in vivo passage of HIV-1 through its original chimpanzee host. <i>Cell Host and Microbe</i> , 2012 , 12, 373-80	23.4	31
13	Efficient Nef-mediated downmodulation of TCR-CD3 and CD28 is associated with high CD4+ T cell counts in viremic HIV-2 infection. <i>Journal of Virology</i> , 2012 , 86, 4906-20	6.6	26
12	DOCK8 enforces immunological tolerance by promoting IL-2 signaling and immune synapse formation in Tregs. <i>JCI Insight</i> , 2017 , 2,	9.9	19
11	Atomic force microscopy of microvillous cell surface dynamics at fixed and living alveolar type II cells. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 399, 2369-78	4.4	18
10	The efficiency of Vpx-mediated SAMHD1 antagonism does not correlate with the potency of viral control in HIV-2-infected individuals. <i>Retrovirology</i> , 2013 , 10, 27	3.6	17
9	Molecular basis of early epithelial response to streptococcal exotoxin: role of STIM1 and Orai1 proteins. <i>Cellular Microbiology</i> , 2012 , 14, 299-315	3.9	12
8	2-APB and capsazepine-induced Ca ²⁺ influx stimulates clathrin-dependent endocytosis in alveolar epithelial cells. <i>Cellular Physiology and Biochemistry</i> , 2010 , 25, 91-102	3.9	11
7	HIV-1 Balances the Fitness Costs and Benefits of Disrupting the Host Cell Actin Cytoskeleton Early after Mucosal Transmission. <i>Cell Host and Microbe</i> , 2019 , 25, 73-86.e5	23.4	11

- 6 Lentiviral Nef proteins manipulate T cells in a subset-specific manner. *Journal of Virology*, **2015**, 89, 1986-1991
- 5 Plasma membrane trafficking in alveolar type II cells. *Cellular Physiology and Biochemistry*, **2010**, 25, 81-90
- 4 HIV-enhancing Amyloids Are Prevalent in Fresh Semen and Are a Determinant for Semen's Ability to Enhance HIV Infection: Relevance for HIV Transmission. *AIDS Research and Human Retroviruses*, **2014**, 30, A183-A184
- 3 Intravital Microscopy **2021**, 167-192
- 2 Cancer cells relax and resist cytotoxic attack. *Immunity*, **2021**, 54, 853-855
- 1 Meet Our Associate Editorial Board Member. *Current HIV Research*, **2019**, 17, 305-305