

# Mohan Kumar Haleyr Giri Setty

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,213  
citations

840776

11  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2174  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational design and clinical demonstration of a copper nanocluster based universal immunosensor for sensitive diagnostics. <i>Nanoscale Advances</i> , 2020, 2, 304-314.	4.6	7
2	Biotin Interference in Point of Care HIV Immunoassay. <i>BioResearch Open Access</i> , 2020, 9, 243-246.	2.6	3
3	Sub-picogram level sensitivity in HIV diagnostics achieved with the europium nanoparticle immunoassay through metal enhanced fluorescence. <i>Nanoscale Advances</i> , 2019, 1, 273-280.	4.6	9
4	Cross-Subtype Detection of HIV-1 Capsid p24 Antigen Using a Sensitive Europium Nanoparticle Assay. <i>AIDS Research and Human Retroviruses</i> , 2019, 35, 396-401.	1.1	2
5	Streptavidin-conjugated gold nanoclusters as ultrasensitive fluorescent sensors for early diagnosis of HIV infection. <i>Science Advances</i> , 2018, 4, eaar6280.	10.3	62
6	Fluorescent silver nanoparticle based highly sensitive immunoassay for early detection of HIV infection. <i>RSC Advances</i> , 2017, 7, 19863-19877.	3.6	38
7	Femtogram Level Sensitivity achieved by Surface Engineered Silica Nanoparticles in the Early Detection of HIV Infection. <i>Scientific Reports</i> , 2017, 7, 7149.	3.3	28
8	Streptavidin conjugated ZnO nanoparticles for early detection of HIV infection. <i>Advanced Materials Letters</i> , 2017, 8, 472-480.	0.6	18
9	Development of carbon dot based microplate and microfluidic chip immunoassay for rapid and sensitive detection of HIV-1 p24 antigen. <i>Microfluidics and Nanofluidics</i> , 2016, 20, 1.	2.2	16
10	Novel Time-Resolved Fluorescence Europium Nanoparticle Immunoassay for Detection of Human Immunodeficiency Virus-1 Group O Viruses Using Microplate and Microchip Platforms. <i>AIDS Research and Human Retroviruses</i> , 2016, 32, 612-619.	1.1	7
11	Comparative performance evaluation of carbon dot-based paper immunoassay on Whatman filter paper and nitrocellulose paper in the detection of HIV infection. <i>Microfluidics and Nanofluidics</i> , 2016, 20, 1.	2.2	68
12	Point of Care Technologies for HIV. <i>AIDS Research and Treatment</i> , 2014, 2014, 1-20.	0.7	46
13	Quantification of plasma HIV RNA using chemically engineered peptide nucleic acids. <i>Nature Communications</i> , 2014, 5, 5079.	12.8	30
14	Some findings of FADD knockdown in inhibition of HIV-1 replication in Jurkat cells and PBMCs. <i>Molecular and Cellular Biochemistry</i> , 2014, 393, 181-190.	3.1	5
15	XMRV: usage of receptors and potential co-receptors. <i>Virology Journal</i> , 2011, 8, 423.	3.4	7
16	Susceptibility of human primary neuronal cells to Xenotropic Murine Leukemia Virus-related (XMRV) virus infection. <i>Virology Journal</i> , 2011, 8, 443.	3.4	10
17	Failure to Confirm XMRV/MLVs in the Blood of Patients with Chronic Fatigue Syndrome: A Multi-Laboratory Study. <i>Science</i> , 2011, 334, 814-817.	12.6	93
18	Absence of Detectable XMRV and Other MLV-Related Viruses in Healthy Blood Donors in the United States. <i>PLoS ONE</i> , 2011, 6, e27391.	2.5	8

#	ARTICLE	IF	CITATIONS
19	Nano-patterned SERS substrate: Application for protein analysis vs. temperature. Biosensors and Bioelectronics, 2009, 24, 1693-1699.	10.1	220
20	Human protein reference database--2006 update. Nucleic Acids Research, 2006, 34, D411-D414.	14.5	536