

# Raveen Parboosing

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

2,172  
citations

430874  
18  
h-index

243625  
44  
g-index

52  
all docs

52  
docs citations

52  
times ranked

3743  
citing authors

#	ARTICLE	IF	CITATIONS
1	Early assessment of the clinical severity of the SARS-CoV-2 omicron variant in South Africa: a data linkage study. <i>Lancet, The</i> , 2022, 399, 437-446.	13.7	818
2	The role of nanotechnology in the treatment of viral infections. <i>Therapeutic Advances in Infectious Disease</i> , 2017, 4, 105-131.	1.8	233
3	Gestational Influenza and Bipolar Disorder in Adult Offspring. <i>JAMA Psychiatry</i> , 2013, 70, 677.	11.0	198
4	Defining Immune Reconstitution Inflammatory Syndrome: Evaluation of Expert Opinion versus 2 Case Definitions in a South African Cohort. <i>Clinical Infectious Diseases</i> , 2009, 49, 1424-1432.	5.8	107
5	Nanotechnology and the Treatment of HIV Infection. <i>Viruses</i> , 2012, 4, 488-520.	3.3	106
6	Metal Nanoparticles: a Promising Treatment for Viral and Arboviral Infections. <i>Biological Trace Element Research</i> , 2021, 199, 3159-3176.	3.5	68
7	Incidence, Clinical Spectrum, Risk Factors and Impact of HIV-Associated Immune Reconstitution Inflammatory Syndrome in South Africa. <i>PLoS ONE</i> , 2012, 7, e40623.	2.5	68
8	NOTA: a potent metallo- $\beta$ -lactamase inhibitor. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1594-1596.	3.0	51
9	Traumatic Brain Contusions: A Clinical Role for the Kinin Antagonist CP-0127. <i>Acta Neurochirurgica</i> , 1998, 140, 793-803.	1.7	42
10	Synthesis and structural studies of pentacycloundecane-based HIV-1 PR inhibitors: A hybrid 2D NMR and docking/QM/MM/MD approach. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3976-3985.	5.5	38
11	<i>In vitro</i> evaluation of metal chelators as potential metallo- $\beta$ -lactamase inhibitors. <i>Journal of Applied Microbiology</i> , 2016, 120, 860-867.	3.1	38
12	Hepatitis C virus seropositivity in a South African Cohort of HIV co-infected, ARV naïve patients is associated with renal insufficiency and increased mortality. <i>Journal of Medical Virology</i> , 2008, 80, 1530-1536.	5.0	30
13	Synthesis, <sup>68</sup> Ga-Radiolabeling, and Preliminary <i>In Vivo</i> Assessment of a Depsipeptide-Derived Compound as a Potential PET/CT Infection Imaging Agent. <i>BioMed Research International</i> , 2015, 2015, 1-12.	1.9	28
14	In Vitro Antibacterial Activity of Teixobactin Derivatives on Clinically Relevant Bacterial Isolates. <i>Frontiers in Microbiology</i> , 2018, 9, 1535.	3.5	25
15	Cerebellar Abscess: The Significance of Cerebrospinal Fluid Diversion. <i>Neurosurgery</i> , 1997, 41, 61-67.	1.1	22
16	Resistance to antiretroviral drugs in newly diagnosed, young treatment-naïve HIV-positive pregnant women in the province of KwaZulu-Natal, South Africa. <i>Journal of Medical Virology</i> , 2011, 83, 1508-1513.	5.0	21
17	Hepatitis B and HIV co-infection in pregnant women: Indication for routine antenatal hepatitis B virus screening in a high HIV prevalence setting. <i>South African Medical Journal</i> , 2014, 104, 307.	0.6	21
18	Reduction in Perinatal HIV Infections in KwaZulu-Natal, South Africa, in the Era of More Effective Prevention of Mother to Child Transmission Interventions (2004-2012). <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2013, 63, 410-415.	2.1	19

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19	Novel fatty acid-based pH-responsive nanostructured lipid carriers for enhancing antibacterial delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 53, 101125.	3.0	19
20	Synthesis and molecular modelling studies of novel carbapeptide analogs for inhibition of HIV-1 protease. <i>European Journal of Medicinal Chemistry</i> , 2012, 53, 13-21.	5.5	16
21	Synthesis, screening and computational investigation of pentacycloundecane-peptoids as potent CSA-HIV PR inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2012, 57, 459-467.	5.5	15
22	Clinical utility of bronchoalveolar lavage cytomegalovirus viral loads in the diagnosis of cytomegalovirus pneumonitis in infants. <i>Journal of Medical Virology</i> , 2017, 89, 1080-1087.	5.0	15
23	Potential inhibition of HIV-1 encapsidation by oligoribonucleotide&ndash;dendrimer nanoparticle complexes. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 317-325.	6.7	14
24	Intracellular localization of gold nanoparticles with targeted delivery in MT-4 lymphocytes. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2016, 7, 045013.	1.5	12
25	The significance of cytomegalovirus in children with pneumonia admitted for mechanical ventilation. <i>International Journal of Tuberculosis and Lung Disease</i> , 2017, 21, 1230-1236.	1.2	12
26	Development and Evaluation of Peptide-Functionalized Gold Nanoparticles for HIV Integrase Inhibition. <i>International Journal of Peptide Research and Therapeutics</i> , 2019, 25, 311-322.	1.9	12
27	Cell-based Assays for Assessing Toxicity: A Basic Guide. <i>Medicinal Chemistry</i> , 2016, 13, 13-21.	1.5	12
28	Dried blood spot specimen quality and validation of a new pre-analytical processing method for qualitative HIV-1 PCR, KwaZulu-Natal, South Africa. <i>African Journal of Laboratory Medicine</i> , 2016, 5, 349.	0.6	12
29	Sodium valproate and highly active antiretroviral therapy in HIV positive patients who develop new onset seizures. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2011, 20, 80-82.	2.0	11
30	High level of HIV&#2 false positivity in KwaZulu&#2Natal province: A region of South Africa with a very high HIV&#2 subtype C prevalence. <i>Journal of Medical Virology</i> , 2013, 85, 2065-2071.	5.0	9
31	The prevalence of hepatitis B virus infection in HIV-positive and HIV-negative infants: KwaZulu-Natal, South Africa. <i>African Journal of Laboratory Medicine</i> , 2016, 5, 283.	0.6	9
32	An unusual hypertrophic genital mass lesion&#2A diagnostic and treatment dilemma. <i>Journal of Clinical Virology</i> , 2009, 46, 303-304.	3.1	8
33	HIV-1 Drug Resistance by Ultra-Deep Sequencing Following Short Course Zidovudine, Single-Dose Nevirapine, and Single-Dose Tenofovir with Emtricitabine for Prevention of Mother-to-Child Transmission. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016, 73, 384-389.	2.1	8
34	Minority HIV-1 drug-resistant mutations and prevention of mother-to-child transmission: perspectives for resource-limited countries. <i>AIDS Reviews</i> , 2014, 16, 187-98.	1.0	8
35	Novel DNA Aptamers Against CCL21 Protein: Characterization and Biomedical Applications for Targeted Drug Delivery to T Cell-Rich Zones. <i>Nucleic Acid Therapeutics</i> , 2018, 28, 242-251.	3.6	7
36	&lt;i>In Vitro&lt;/i> Testing of African Traditional Medicines for Cytotoxic, Immune Modulatory and Anti-HIV Activities. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2012, 9, .	0.3	6

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37	Synthesis, Characterization and Biocompatibility of a Multifunctional Gold Nanoparticle System for the Delivery of Single-Stranded RNA to Lymphocytes. South African Journal of Chemistry, 2018, 71, 1-14.	0.6	6
38	HIV-1 drug resistance in adults and adolescents on protease inhibitor-based antiretroviral therapy in KwaZulu-Natal Province, South Africa. Journal of Global Antimicrobial Resistance, 2022, 29, 468-475.	2.2	6
39	Parvovirus B19 in South African blood donors. Journal of Medical Virology, 2019, 91, 1217-1223.	5.0	4
40	Dual HIV Infection Uncommon in Patients on Antiretroviral Therapy in a Region with High HIV Prevalence. AIDS Research and Human Retroviruses, 2009, 25, 1225-1230.	1.1	3
41	High rate of occult hepatitis B virus infection in hemodialysis units of KwaZulu-Natal, South Africa. Journal of Medical Virology, 2019, 91, 1797-1803.	5.0	3
42	Persistent Hepatitis B Viraemia with Polymerase Mutations among HIV/HBV Co-Infected Patients on HBV-Active ART in KwaZulu-Natal, South Africa. Viruses, 2022, 14, 788.	3.3	3
43	Cytomegalovirus pneumonia of infants in Africa: a narrative literature review. Future Microbiology, 2021, 16, 1401-1414.	2.0	2
44	Active targeting of CD4 <sup>+</sup> T lymphocytes by PEI-capped, peptide-functionalized gold nanoparticles. Nanotechnology, 2022, 33, 405101.	2.6	2
45	A postpartum single-dose TDF/FTC tail does not prevent the selection of NNRTI resistance in women receiving prepartum ZDV and intrapartum single-dose nevirapine to prevent mother-to-child HIV transmission. Journal of Medical Virology, 2015, 87, 1662-1667.	5.0	1
46	In Reply. International Journal of Tuberculosis and Lung Disease, 2018, 22, 470-471.	1.2	1
47	An interesting case of HSV pneumonia and PCP co-infection in a patient with AIDS: A diagnostic and management challenge. Southern African Journal of HIV Medicine, 2009, 10, 2.	0.9	1
48	Real-time polymerase chain reaction optimised for hepatitis C virus detection in dried blood spots from HIV-exposed infants, KwaZulu-Natal, South Africa. African Journal of Laboratory Medicine, 2016, 5, 269.	0.6	1
49	Anti-HIV Aptamers: Challenges and Prospects. Current HIV Research, 2022, 20, 7-19.	0.5	1
50	Analysis of Current Pulses in HeLa-Cell Permeabilization Due to High Voltage DC Corona Discharge. IEEE Transactions on Nanobioscience, 2016, 15, 1-1.	3.3	0
51	Cytotoxic and Anti-proliferative Effects of Moringa oleifera Lam. on HeLa Cells. Natural Products Journal, 2023, 13, .	0.3	0
52	Complexity of Human Cytomegalovirus Infection in South African HIV-Exposed Infants with Pneumonia. Viruses, 2022, 14, 855.	3.3	0