

# Omar Bagasra

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

3,652  
citations

147726

31  
h-index

138417

58  
g-index

109  
all docs

109  
docs citations

109  
times ranked

3040  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular reservoirs of HIV-1 in the central nervous system of infected individuals. <i>Aids</i> , 1996, 10, 573-586.	1.0	413
2	Detection of Human Immunodeficiency Virus Type 1 Provirus in Mononuclear Cells by in Situ Polymerase Chain Reaction. <i>New England Journal of Medicine</i> , 1992, 326, 1385-1391.	13.9	317
3	hZIP1 zinc uptake transporter down regulation and zinc depletion in prostate cancer. <i>Molecular Cancer</i> , 2005, 4, 32.	7.9	214
4	Detection of HIV-1 proviral DNA in sperm from HIV-1-infected men. <i>Aids</i> , 1994, 8, 1669-1674.	1.0	156
5	In situ DNA PCR and RNA hybridization detection of herpes simplex virus sequences in trigeminal ganglia of latently infected mice. <i>Virology</i> , 1995, 206, 633-640.	1.1	134
6	miR-183-96-182 Cluster Is Overexpressed in Prostate Tissue and Regulates Zinc Homeostasis in Prostate Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 44503-44511.	1.6	120
7	Zinc and Prostate Cancer: A Critical Scientific, Medical, and Public Interest Issue (United States). <i>Cancer Causes and Control</i> , 2005, 16, 901-915.	0.8	109
8	Alcohol Intake Increases Human Immunodeficiency Virus Type 1 Replication in Human Peripheral Blood Mononuclear Cells. <i>Journal of Infectious Diseases</i> , 1993, 167, 789-797.	1.9	107
9	Polymerase chain reaction in situ: Intracellular amplification and detection of HIV-1 proviral DNA and other specific genes. <i>Journal of Immunological Methods</i> , 1993, 158, 131-145.	0.6	93
10	RNA interference: The molecular immune system. <i>Journal of Molecular Histology</i> , 2004, 35, 545-553.	1.0	88
11	Increased Human Immunodeficiency Virus Type 1 Replication in Human Peripheral Blood Mononuclear Cells Induced by Ethanol: Potential Immunopathogenic Mechanisms. <i>Journal of Infectious Diseases</i> , 1996, 173, 550-558.	1.9	82
12	Absence of Recoverable Infectious Virus and Unique Immune Responses in an Asymptomatic HIV <sup>+</sup> Long-Term Survivor. <i>AIDS Research and Human Retroviruses</i> , 1994, 10, 1703-1711.	0.5	80
13	Prostate Cancer in African American Men Is Associated With Downregulation of Zinc Transporters. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2003, 11, 253-260.	0.6	74
14	Expression of cytokine mRNA in human melanoma tissues. <i>Cancer Immunology, Immunotherapy</i> , 1995, 41, 151-156.	2.0	70
15	HIV-1 Latency Due to the Site of Proviral Integration. <i>Virology</i> , 1993, 196, 849-854.	1.1	68
16	Protocols for the in situ PCR-amplification and detection of mRNA and DNA sequences. <i>Nature Protocols</i> , 2007, 2, 2782-2795.	5.5	68
17	Human Immunodeficiency Virus Type 1 Provirus Is Demonstrated in Peripheral Blood Monocytes In Vivo: A Study Utilizing an In Situ Polymerase Chain Reaction. <i>AIDS Research and Human Retroviruses</i> , 1993, 9, 69-76.	0.5	64
18	Multicenter Comparison of PCR Assays for Detection of Human Herpesvirus 8 DNA in Semen. <i>Journal of Clinical Microbiology</i> , 1999, 37, 1298-1301.	1.8	63

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19	ZIP14 Zinc Transporter Downregulation and Zinc Depletion in the Development and Progression of Hepatocellular Cancer. <i>Journal of Gastrointestinal Cancer</i> , 2012, 43, 249-257.	0.6	61
20	Decreased zinc and downregulation of ZIP3 zinc uptake transporter in the development of pancreatic adenocarcinoma. <i>Cancer Biology and Therapy</i> , 2011, 12, 297-303.	1.5	58
21	Effects of Alcohol Ingestion on in Vitro Susceptibility of Peripheral Blood Mononuclear Cells to Infection with HIV and of Selected T-Cell Functions. <i>Alcoholism: Clinical and Experimental Research</i> , 1989, 13, 636-643.	1.4	56
22	Intracellular Immunization Against HIV-1 Infection of Human T Lymphocytes: Utility of Anti-Rev Single-Chain Variable Fragments. <i>Human Gene Therapy</i> , 1995, 6, 1561-1573.	1.4	53
23	Molecular and Virological Effects of Intracellular Anti-Rev Single-Chain Variable Fragments on the Expression of Various Human Immunodeficiency Virus-1 Strains. <i>Human Gene Therapy</i> , 1994, 5, 1315-1324.	1.4	51
24	Differential zinc accumulation and expression of human zinc transporter 1 (hZIP1) in prostate glands. <i>Methods</i> , 2010, 52, 316-321.	1.9	50
25	Infectivity of Immature Neurons to Zika Virus: A Link to Congenital Zika Syndrome. <i>EBioMedicine</i> , 2016, 10, 65-70.	2.7	50
26	A large number of the human microRNAs target lentiviruses, retroviruses, and endogenous retroviruses. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 357-362.	1.0	46
27	High percentages of CD4-positive lymphocytes harbor the HIV-1 provirus in the blood of certain infected individuals. <i>Aids</i> , 1993, 7, 1419-1426.	1.0	41
28	Molecular Cloning of Platelet Factor XI, an Alternative Splicing Product of the Plasma Factor XI Gene. <i>Journal of Biological Chemistry</i> , 1998, 273, 13787-13793.	1.6	39
29	Role of HERV-W Syncytin-1 in Placentation and Maintenance of Human Pregnancy. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2009, 17, 319-328.	0.6	37
30	Tat and Rev Differentially Affect Restricted Replication of Human Immunodeficiency Virus Type 1 in Various Cells. <i>Virology</i> , 1994, 199, 474-478.	1.1	35
31	Viral Burden and Disease Progression in HIV-1 Infected Patients with Sickle Cell Anemia. , 1998, 59, 199-207.		35
32	Anti-Human Immunodeficiency Virus Type 1 Activity of Sulfated Monosaccharides: Comparison with Sulfated Polysaccharides and Other Polyions. <i>Journal of Infectious Diseases</i> , 1991, 164, 1082-1092.	1.9	33
33	Human studies on alcohol and susceptibility to HIV infection. <i>Alcohol</i> , 1994, 11, 99-103.	0.8	33
34	Role of perfumes in pathogenesis of Autism. <i>Medical Hypotheses</i> , 2013, 80, 795-803.	0.8	33
35	A unified concept of HIV latency. <i>Expert Opinion on Biological Therapy</i> , 2006, 6, 1135-1149.	1.4	29
36	Triplex-forming MicroRNAs Form Stable Complexes With HIV-1 Provirus and Inhibit its Replication. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2010, 18, 532-545.	0.6	29

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37	An edible vaccine for malaria using transgenic tomatoes of varying sizes, shapes and colors to carry different antigens. <i>Medical Hypotheses</i> , 2007, 68, 22-30.	0.8	28
38	Role of zinc and zinc transporters in the molecular pathogenesis of diabetes mellitus. <i>Medical Hypotheses</i> , 2005, 65, 887-892.	0.8	27
39	Cellular latency of human immunodeficiency virus type 1. <i>Current Opinion in Immunology</i> , 1992, 4, 475-480.	2.4	26
40	The role of CD8-positive lymphocytes in the control of HIV-1 infection of peripheral blood mononuclear cells. <i>Immunology Letters</i> , 1993, 35, 83-92.	1.1	25
41	Cellular Targets and Receptor of Sexual Transmission of Zika Virus. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2017, 25, 679-686.	0.6	25
42	Localization of human herpesvirus type 8 (HHV-8) in the Kaposi's sarcoma tissues and the semen specimens of HIV-1 infected and uninfected individuals by utilizing in situ polymerase chain reaction. <i>Journal of Reproductive Immunology</i> , 1998, 41, 149-160.	0.8	24
43	Environmental factors may contribute to autism development and male bias: Effects of fragrances on developing neurons. <i>Environmental Research</i> , 2015, 142, 731-738.	3.7	23
44	Inflammatory demyelinating polyneuropathy in a child with symptomatic human immunodeficiency virus infection. <i>Journal of Pediatrics</i> , 1991, 118, 242-245.	0.9	22
45	A quantitative reverse transcriptase-polymerase chain reaction for HIV-1-specific RNA species. <i>Journal of Virological Methods</i> , 1992, 40, 331-345.	1.0	19
46	Absence of the inducible form of nitric oxide synthase in the brains of patients with the acquired immunodeficiency syndrome. <i>Journal of NeuroVirology</i> , 1997, 3, 153-167.	1.0	19
47	Locatization of human herpesvirus type 8 in human sperms by in situ PCR. <i>Journal of Molecular Histology</i> , 2006, 36, 401-412.	1.0	19
48	A Herpes simplex virus type 1 mutant with a deletion immediately upstream of the LAT locus establishes latency and reactivates from latently infected mice with normal kinetics. <i>Journal of NeuroVirology</i> , 1996, 2, 268-278.	1.0	18
49	RNAi as an antiviral therapy. <i>Expert Opinion on Biological Therapy</i> , 2005, 5, 1463-1474.	1.4	18
50	LSH Hamster Model of Syphilitic Infection and Transfer of Resistance with Immune T Cells. <i>Advances in Experimental Medicine and Biology</i> , 1981, 134, 291-300.	0.8	18
51	Computational analysis to predict functional role of <i>hsa-miR-3065-3p</i> as an antiviral therapeutic agent for treatment of triple infections: HCV, HIV-1, and HBV. <i>Libyan Journal of Medicine</i> , 2012, 7, 19774.	0.8	17
52	Association of Alterations in NF- $\kappa$ B Moieties with HIV Type 1 Proviral Latency in Certain Monocytic Cells. <i>AIDS Research and Human Retroviruses</i> , 1994, 10, 1213-1219.	0.5	14
53	Computational identification of mutually homologous Zika virus miRNAs that target microcephaly genes. <i>Libyan Journal of Medicine</i> , 2017, 12, 1304505.	0.8	12
54	Immune response of mice exposed to cis-diamminedichloroplatinum. <i>Cancer Immunology, Immunotherapy</i> , 1985, 19, 142-7.	2.0	11

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55	Role of Micro-RNAs in Regulation of Lentiviral Latency and Persistence. Applied Immunohistochemistry and Molecular Morphology, 2006, 14, 276-290.	0.6	11
56	In situ Polymerase Chain Reaction and Hybridization to Detect Low Abundance Nucleic Acid Targets. Current Protocols in Molecular Biology, 1996, 34, Unit 14.8.	2.9	10
57	Self-Seal™ Reagent: Evaporation Control for Molecular Histology Procedures without Chambers, Clips or Fingernail Polish. BioTechniques, 1997, 23, 320-325.	0.8	10
58	Potential utility of GB virus type C as a preventive vaccine for HIV-1. Expert Review of Vaccines, 2012, 11, 335-347.	2.0	10
59	Evaluation of Th-1 and Th-2 Immune Responses in the Skin Lesions of Patients with Blau Syndrome. Applied Immunohistochemistry and Molecular Morphology, 2002, 10, 171-177.	0.6	9
60	<i>In Situ</i> PCR Protocols. , 2006, 334, 61-78.		9
61	Ability of Macrophages to Process and Present <i>Treponema pallidum</i> Bosnia A Strain Antigens in Experimental Syphilis of Syrian Hamsters. Infection and Immunity, 1982, 36, 176-183.	1.0	9
62	Irradiation- and Cyclophosphamide-Induced Alterations in Syrian Hamster T-Cell Population Activity. Journal of Leukocyte Biology, 1986, 39, 183-192.	1.5	8
63	Proopiomelanocortin-Derived Peptides and mRNA Are Expressed in Rat Heart. Annals of the New York Academy of Sciences, 1993, 680, 575-578.	1.8	8
64	Differential expression of miRNAs in a human developing neuronal cell line chronically infected with Zika virus. Libyan Journal of Medicine, 2021, 16, 1909902.	0.8	8
65	In Situ Polymerase Chain Reaction and HIV-1. Clinics in Laboratory Medicine, 1994, 14, 351-365.	0.7	7
66	Protection Against Retroviruses Are Owing to a Different Form of Immunity. Applied Immunohistochemistry and Molecular Morphology, 2000, 8, 133-146.	0.6	7
67	The Libyan HIV Outbreak: How Do We Find the Truth?. Libyan Journal of Medicine, 2007, 2, 57-62.	0.8	7
68	Natural immunity against human immunodeficiency viruses prospects for AIDS vaccines. Frontiers in Bioscience - Landmark, 1997, 2, d401-416.	3.0	6
69	Mentoring Strategies and Outcomes of Two Federally Funded Cancer Research Training Programs for Underrepresented Students in the Biomedical Sciences. Journal of Cancer Education, 2016, 31, 228-235.	0.6	6
70	Activation of Factor B of the Alternative Pathway of Complement: Assessment by Rocket Immunoelectrophoresis. American Journal of Clinical Pathology, 1987, 88, 66-73.	0.4	5
71	Title is missing!. Applied Immunohistochemistry & Molecular Morphology, 2002, 10, 171-177.	2.0	5
72	DNA electromagnetic properties and interactions -An investigation on intrinsic bioelectromagnetism within DNA. Electromagnetic Biology and Medicine, 2018, 37, 169-174.	0.7	5

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73	Expression of cytokine mRNA in human melanoma tissues. <i>Cancer Immunology, Immunotherapy</i> , 1995, 41, 151-156.	2.0	5
74	Title is missing!. <i>Applied Immunohistochemistry &amp; Molecular Morphology</i> , 2000, 8, 133-146.	2.0	5
75	The Case of the Libyan HIV-1 Outbreak. <i>Libyan Journal of Medicine</i> , 2007, 2, 21-23.	0.8	5
76	The Libyan HIV Outbreak How do we find the truth?. <i>Libyan Journal of Medicine</i> , 2007, 2, 57-62.	0.8	5
77	Latest Developments in <i>In Situ</i> PCR. , 2006, 334, 221-240.		4
78	In Situ Polymerase Chain Reaction and Hybridization to Detect Low Abundance Nucleic Acid Targets. <i>Current Protocols in Molecular Biology</i> , 2008, 82, Unit 14.8.	2.9	4
79	The Case of the Libyan HIV-1 Outbreak. <i>Libyan Journal of Medicine</i> , 2007, 2, 21-23.	0.8	4
80	Reflections on Mentorship From Scientists and Mentors in an Alzheimer's Disease Focused Research Training Program. <i>Journal of Applied Gerontology</i> , 2022, 41, 2307-2315.	1.0	3
81	Detection of plaque-forming cells by a latex bead technique. <i>Journal of Immunological Methods</i> , 1982, 49, 283-292.	0.6	2
82	Ethanol-induced immunomodulations in chronic alcoholism. <i>Clinical Immunology Newsletter</i> , 1988, 9, 9-13.	0.1	2
83	Back to the Soil: Retroviruses and Transposons. <i>Soil Biology</i> , 2011, , 161-187.	0.6	2
84	Detection of HIV-1 Gene Sequences in Brain Tissues by in Situ Polymerase Chain Reaction. , 1995, , 251-266.		2
85	Infectivity of Human Olfactory Neurons to SARS-CoV-2: A Link to Anosmia. <i>Oman Medical Journal</i> , 2021, 36, e307-e307.	0.3	2
86	Latex bread technique for detection of the plaque-forming cell response to teratocarcinoma tumor antigens. <i>Cancer Immunology, Immunotherapy</i> , 1983, 15, 27-31.	2.0	1
87	[23] Detection of HIV-1 in brain tissue of individuals with AIDS by in situ gene amplification. <i>Methods in Neurosciences</i> , 1995, 26, 339-357.	0.5	1
88	Hepatitis G Virus or GBV-C: A Natural Anti-HIV Interfering Virus. , 2012, , 363-388.		1
89	Title is missing!. <i>Applied Immunohistochemistry &amp; Molecular Morphology</i> , 1999, 7, 271.	2.0	1
90	Ibnosina Journal of Medicine and Biomedical Sciences. <i>Ibnosina Journal of Medicine and Biomedical Sciences</i> , 2009, 1, 1.	0.2	1

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91	A new perspective on HIV vaccine design: A viewpoint. Ibnosina Journal of Medicine and Biomedical Sciences, 2010, 2, 1.	0.2	1
92	Exposure to Toxic Environmental Agents in the Form of Fragrances and Development of Autism Spectrum Disorders (ASD). Health Information Systems and the Advancement of Medical Practice in Developing Countries, 2019, , 52-85.	0.1	1
93	Human Gene Therapy: Dreams to Realization. , 1997, 63, 415-438.		0
94	Detection of Nucleic Acids in Cells and Tissues by In Situ Polymerase Chain Reaction. , 1999, 17, 165-184.		0
95	An oncolytic parasite to treat polycythemia vera. Libyan Journal of Medicine, 2015, 10, 30003.	0.8	0
96	The business of doing good <b>Introduction to Social Entrepreneurship</b> <i>Teresa Chahine</i> CRC Press, 2016. 299 pp.. Science, 2016, 354, 294-294.	6.0	0
97	Reflections on Dr. Montagnierâ€™s Nobel Prize for the Discovery of HIV-1. Journal of Infection in Developing Countries, 2008, 2, 479-82.	0.5	0
98	Application on in situ PCR methods in histochemistry. Proceedings Annual Meeting Electron Microscopy Society of America, 1995, 53, 754-755.	0.0	0