

# Muhammad Mukhtar

## List of Publications by Year in descending order

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51  
papers

1,791  
citations

304743

22  
h-index

265206

42  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2326  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiviral potentials of medicinal plants. <i>Virus Research</i> , 2008, 131, 111-120.	2.2	290
2	Human Immunodeficiency Virus Type 1 Vpr Induces Apoptosis in Human Neuronal Cells. <i>Journal of Virology</i> , 2000, 74, 9717-9726.	3.4	183
3	Kynurenine pathway metabolism in human bloodâ€‘brainâ€‘barrier cells: implications for immune tolerance & neurotoxicity. <i>Journal of Neurochemistry</i> , 2008, 105, 1346-1357.	3.9	102
4	Structural and Functional Study of the Apelin-13 Peptide, an Endogenous Ligand of the HIV-1 Coreceptor, APJâ€‘. <i>Biochemistry</i> , 2003, 42, 10163-10168.	2.5	88
5	Human Immunodeficiency Virus Type 1 Enters Primary Human Brain Microvascular Endothelial Cells by a Mechanism Involving Cell Surface Proteoglycans Independent of Lipid Rafts. <i>Journal of Virology</i> , 2003, 77, 12140-12151.	3.4	86
6	The RNA helicase DDX1 is involved in restricted HIV-1 Rev function in human astrocytes. <i>Virology</i> , 2005, 336, 299-307.	2.4	73
7	Human Immunodeficiency Virus Type 1 Nef Potently Induces Apoptosis in Primary Human Brain Microvascular Endothelial Cells via the Activation of Caspases. <i>Journal of Virology</i> , 2005, 79, 4257-4269.	3.4	66
8	Primary Isolated Human Brain Microvascular Endothelial Cells Express Diverse HIV/SIV-Associated Chemokine Coreceptors and DC-SIGN and L-SIGN. <i>Virology</i> , 2002, 297, 78-88.	2.4	61
9	Cellâ€‘cell fusion and internalization of the CNS-based, HIV-1 co-receptor, APJ. <i>Virology</i> , 2003, 307, 22-36.	2.4	60
10	Inhibition of HIV-1 fusion with small interfering RNAs targeting the chemokine coreceptor CXCR4. <i>Gene Therapy</i> , 2004, 11, 1703-1712.	4.5	59
11	The interferon-induced expression of APOBEC3G in human bloodâ€‘brain barrier exerts a potent intrinsic immunity to block HIV-1 entry to central nervous system. <i>Virology</i> , 2007, 367, 440-451.	2.4	57
12	Lentiviral expression of HIV-1 Vpr induces apoptosis in human neurons. <i>Journal of NeuroVirology</i> , 2002, 8, 86-99.	2.1	54
13	Inhibition of HIV-1 infection by down-regulation of the CXCR4 co-receptor using an intracellular single chain variable fragment against CXCR4. <i>Gene Therapy</i> , 2001, 8, 408-418.	4.5	53
14	Ethanol Strongly Potentiates Apoptosis Induced by HIV-1 Proteins in Primary Human Brain Microvascular Endothelial Cells. <i>Virology</i> , 2002, 304, 222-234.	2.4	53
15	Binding of ALX40-4C to APJ, a CNS-based receptor, inhibits its utilization as a co-receptor by HIV-1. <i>Virology</i> , 2003, 312, 196-203.	2.4	45
16	Ethanol potentiates HIV-1 gp120-induced apoptosis in human neurons via both the death receptor and NMDA receptor pathways. <i>Virology</i> , 2005, 334, 59-73.	2.4	35
17	A comparative ethno-botanical study of Cholistan (an arid area) and Pothwar (a semi-arid area) of Pakistan for traditional medicines. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2015, 11, 31.	2.6	35
18	The carboxypeptidase Y-encoding gene from <i>Candida albicans</i> and its transcription during yeast-to-hyphae conversion. <i>Gene</i> , 1992, 121, 173-177.	2.2	30

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19	Prevalence of <i>Helicobacter pylori</i> pathogenicity-associated <i>cagA</i> and <i>vacA</i> genotypes among Pakistani dyspeptic patients. <i>FEMS Immunology and Medical Microbiology</i> , 2009, 55, 34-38.	2.7	30
20	Anti-Human Immunodeficiency Virus Type 1 Gene Therapy in Human Central Nervous System-Based Cells: An Initial Approach against a Potential Viral Reservoir. <i>Human Gene Therapy</i> , 2000, 11, 347-359.	2.7	29
21	The perlecan heparan sulfate proteoglycan mediates cellular uptake of HIV-1 Tat through a pathway responsible for biological activity. <i>Virology</i> , 2004, 330, 481-486.	2.4	25
22	Exogenous IL-7 induces Fas-mediated human neuronal apoptosis: potential effects during human immunodeficiency virus type 1 infection. <i>Journal of NeuroVirology</i> , 2005, 11, 319-328.	2.1	25
23	HIV-1 Vpr Potently Induces Programmed Cell Death in the CNS in Vivo. <i>DNA and Cell Biology</i> , 2007, 26, 116-131.	1.9	25
24	Molecular Interactions of Human Immunodeficiency Virus Type 1 with Primary Human Oral Keratinocytes. <i>Journal of Virology</i> , 2005, 79, 8440-8453.	3.4	23
25	Development of an in vitro blood-brain barrier model to study molecular neuropathogenesis and neurovirologic disorders induced by human immunodeficiency virus type 1 infection. <i>Journal of Human Virology</i> , 2000, 3, 324-34.	0.8	19
26	Analysis of HIV-1 in the cervicovaginal secretions and blood of pregnant and nonpregnant women. <i>Journal of Human Virology</i> , 1999, 2, 154-66.	0.8	17
27	Cell-type-specific gene delivery into neuronal cells in vitro and in vivo. <i>Virology</i> , 2003, 314, 74-83.	2.4	16
28	Combined effects of hyperglycemic conditions and HIV-1 Nef: a potential model for induced HIV neuropathogenesis. <i>Virology Journal</i> , 2009, 6, 183.	3.4	16
29	Cholesterol-Depleting Statin Drugs Protect Postmitotically Differentiated Human Neurons against Ethanol- and Human Immunodeficiency Virus Type 1-Induced Oxidative Stress In Vitro. <i>Journal of Virology</i> , 2007, 81, 1492-1501.	3.4	15
30	Identification of Proteins Modulated in the Date Palm Stem Infested with Red Palm Weevil ( <i>Rhynchophorus ferrugineus</i> Oliv.) Using Two Dimensional Differential Gel Electrophoresis and Mass Spectrometry. <i>International Journal of Molecular Sciences</i> , 2015, 16, 19326-19346.	4.1	15
31	Antimicrobial effects of liquid anesthetic isoflurane on <i>Candida albicans</i> . <i>Journal of Translational Medicine</i> , 2006, 4, 46.	4.4	13
32	Passive immunization against highly pathogenic Avian Influenza Virus (AIV) strain H7N3 with antiserum generated from viral polypeptides protect poultry birds from lethal viral infection. <i>Virology Journal</i> , 2008, 5, 144.	3.4	13
33	Down-modulation of the CXCR4 co-receptor by intracellular expression of a single chain variable fragment (SFv) inhibits HIV-1 entry into primary human brain microvascular endothelial cells and post-mitotic neurons. <i>Molecular Brain Research</i> , 2005, 135, 48-57.	2.3	11
34	Floristic Composition of the Plants of the Cholistan Desert, Pakistan. <i>American Journal of Plant Sciences</i> , 2013, 04, 58-65.	0.8	10
35	Cross-Packaging of Human Immunodeficiency Virus Type 1 Vector RNA by Spleen Necrosis Virus Proteins: Construction of a New Generation of Spleen Necrosis Virus-Derived Retroviral Vectors. <i>Journal of Virology</i> , 2004, 78, 6480-6488.	3.4	9
36	Differential Proteomic Analysis of Date Palm Leaves Infested with the Red Palm Weevil (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.5	8

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37	A Review: Antifungal Potentials of Medicinal Plants. Journal of Bioresource Management, 2015, 2, .	0.4	8
38	Spleen necrosis virus-based vector delivery of anti-HIV-1 genes potently protects human hematopoietic cells from HIV-1 infection. Virology, 2005, 332, 258-271.	2.4	7
39	T-Cells and Excitotoxicity: HIV-1 and Other Neurodegenerative Disorders. NeuroMolecular Medicine, 2005, 7, 265-274.	3.4	6
40	The Effect of Aluminum On the Stromal Cells (in Vitro) On Bone Marrow in Rats. Toxicology and Industrial Health, 1992, 8, 103-109.	1.4	5
41	Evolution of biomarkers: drug discovery to personalized medicine. Drug Discovery Today, 2005, 10, 1216-1218.	6.4	5
42	Effects of Highly Active Antiretroviral Therapy on HIV-1-Associated Oral Complications. Current HIV Research, 2007, 5, 281-292.	0.5	4
43	Evaluation of relative promoter strengths of the HIV-1-LTR and a chimeric RSV-LTR in T lymphocytic cells and peripheral blood mononuclear cells: promoters for anti-HIV-1 gene therapies. Gene Therapy, 1996, 3, 725-30.	4.5	4
44	Evaluation of Temporal Virological Responses to Interferon- $\alpha$ -2b plus Ribavirin among Genotype 3a Hepatitis C Virus-Infected Patients. Intervirology, 2017, 60, 75-81.	2.8	2
45	Generation of Retroviral Particles for the Spleen Necrosis Virus (SNV)-Based Vector System and Their Use in Transduction of Various Cell Types: Figure 1.. Cold Spring Harbor Protocols, 2010, 2010, pdb.prot5435.	0.3	1
46	Human Gene Therapy: Dreams to Realization. , 1997, 63, 415-438.		0
47	Pakistan needs a powerful ethics and integrity body. Nature, 2008, 451, 887-887.	27.8	0
48	Neurovirological Aspects of HIV Infection in the HAART Era. , 0, , 121-135.		0
49	AIDS Vaccine 2001. Advances in AIDS research. IDrugs: the Investigational Drugs Journal, 2001, 4, 1144-6.	0.7	0
50	Retroviruses and opportunistic infections–eighth annual conference. IDrugs: the Investigational Drugs Journal, 2001, 4, 515-7.	0.7	0
51	Neuroscience of HIV Infection–Eighth International Meeting. Basic research and clinical frontiers. 3-6 June 1998, Northwestern University Medical School, Chicago, Illinois, USA. IDrugs: the Investigational Drugs Journal, 1998, 1, 292-3.	0.7	0