

# John C Kappes

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

3,863  
citations

331670

21  
h-index

330143

37  
g-index

39  
all docs

39  
docs citations

39  
times ranked

5047  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibody neutralization and escape by HIV-1. <i>Nature</i> , 2003, 422, 307-312.	27.8	2,233
2	High-throughput quantitative analysis of HIV-1 and SIV-specific ADCC-mediated antibody responses. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 603-612.	1.5	197
3	Replication competent molecular clones of HIV-1 expressing Renilla luciferase facilitate the analysis of antibody inhibition in PBMC. <i>Virology</i> , 2010, 408, 1-13.	2.4	169
4	Macrophage Infection via Selective Capture of HIV-1-Infected CD4+ T Cells. <i>Cell Host and Microbe</i> , 2014, 16, 711-721.	11.0	143
5	Multispecific anti-HIV duoCAR-T cells display broad in vitro antiviral activity and potent in vivo elimination of HIV-infected cells in a humanized mouse model. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	104
6	Comparative Analysis of the Glycosylation Profiles of Membrane-Anchored HIV-1 Envelope Glycoprotein Trimers and Soluble gp140. <i>Journal of Virology</i> , 2015, 89, 8245-8257.	3.4	99
7	<i>In Vivo</i> Activation of Human NK Cells by Treatment with an Interleukin-15 Superagonist Potently Inhibits Acute <i>In Vivo</i> HIV-1 Infection in Humanized Mice. <i>Journal of Virology</i> , 2015, 89, 6264-6274.	3.4	78
8	Glycosylation Benchmark Profile for HIV-1 Envelope Glycoprotein Production Based on Eleven Env Trimers. <i>Journal of Virology</i> , 2017, 91, .	3.4	73
9	Spike Glycoprotein and Host Cell Determinants of SARS-CoV-2 Entry and Cytopathic Effects. <i>Journal of Virology</i> , 2021, 95, .	3.4	70
10	Fisetin, a dietary flavonoid, augments the anti-invasive and anti-metastatic potential of sorafenib in melanoma. <i>Oncotarget</i> , 2016, 7, 1227-1241.	1.8	63
11	Incomplete Downregulation of CD4 Expression Affects HIV-1 Env Conformation and Antibody-Dependent Cellular Cytotoxicity Responses. <i>Journal of Virology</i> , 2018, 92, .	3.4	56
12	Lentiviral Vector Transduction of Hematopoietic Stem Cells that Mediate Long-Term Reconstitution of Lethally Irradiated Mice. <i>Stem Cells</i> , 2000, 18, 352-359.	3.2	54
13	Diversity of Antiviral IgG Effector Activities Observed in HIV-Infected and Vaccinated Subjects. <i>Journal of Immunology</i> , 2016, 197, 4603-4612.	0.8	44
14	Vaginal Myeloid Dendritic Cells Transmit Founder HIV-1. <i>Journal of Virology</i> , 2014, 88, 7683-7688.	3.4	41
15	Optimization and validation of a neutralizing antibody assay for HIV-1 in A3R5 cells. <i>Journal of Immunological Methods</i> , 2014, 409, 147-160.	1.4	39
16	Safety considerations in vector development. <i>Somatic Cell and Molecular Genetics</i> , 2001, 26, 147-158.	0.7	33
17	Potent <i>In Vivo</i> NK Cell-Mediated Elimination of HIV-1-Infected Cells Mobilized by a gp120-Bispecific and Hexavalent Broadly Neutralizing Fusion Protein. <i>Journal of Virology</i> , 2017, 91, .	3.4	31
18	Development of a luciferase based viral inhibition assay to evaluate vaccine induced CD8 T-cell responses. <i>Journal of Immunological Methods</i> , 2014, 409, 161-173.	1.4	28

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19	The transcriptome of HIV-1 infected intestinal CD4+ T cells exposed to enteric bacteria. PLoS Pathogens, 2017, 13, e1006226.	4.7	28
20	Long-Acting BMS-378806 Analogues Stabilize the State-1 Conformation of the Human Immunodeficiency Virus Type 1 Envelope Glycoproteins. Journal of Virology, 2020, 94, .	3.4	27
21	Optimized Replicating <i>Renilla</i> Luciferase Reporter HIV-1 Utilizing Novel Internal Ribosome Entry Site Elements for Native Nef Expression and Function. AIDS Research and Human Retroviruses, 2015, 31, 1278-1296.	1.1	26
22	Dual Pathways of Human Immunodeficiency Virus Type 1 Envelope Glycoprotein Trafficking Modulate the Selective Exclusion of Uncleaved Oligomers from Virions. Journal of Virology, 2021, 95, .	3.4	26
23	A Stable Human-Cell System Overexpressing Cystic Fibrosis Transmembrane Conductance Regulator Recombinant Protein at the Cell Surface. Molecular Biotechnology, 2015, 57, 391-405.	2.4	22
24	Primary HIV-1 Strains Use Nef To Downmodulate HLA-E Surface Expression. Journal of Virology, 2019, 93, .	3.4	21
25	Antibody-Dependent Cellular Cytotoxicity (ADCC)-Mediating Antibodies Constrain Neutralizing Antibody Escape Pathway. Frontiers in Immunology, 2019, 10, 2875.	4.8	20
26	Specific stabilization of CFTR by phosphatidylserine. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 289-293.	2.6	19
27	Structural stability of purified human CFTR is systematically improved by mutations in nucleotide binding domain 1. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 1193-1204.	2.6	17
28	A survey of detergents for the purification of stable, active human cystic fibrosis transmembrane conductance regulator (CFTR). Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 2825-2837.	2.6	16
29	Sexually transmitted founder HIV-1 viruses are relatively resistant to Langerhans cell-mediated restriction. PLoS ONE, 2019, 14, e0226651.	2.5	14
30	The Vaginal Acquisition and Dissemination of HIV-1 Infection in a Novel Transgenic Mouse Model Is Facilitated by Coinfection with Herpes Simplex Virus 2 and Is Inhibited by Microbicide Treatment. Journal of Virology, 2015, 89, 9559-9570.	3.4	13
31	Evaluation of the contribution of the transmembrane region to the ectodomain conformation of the human immunodeficiency virus (HIV-1) envelope glycoprotein. Virology Journal, 2017, 14, 33.	3.4	11
32	Antigenic characterization of the human immunodeficiency virus (HIV-1) envelope glycoprotein precursor incorporated into nanodiscs. PLoS ONE, 2017, 12, e0170672.	2.5	10
33	Detection of the HIV-1 Accessory Proteins Nef and Vpu by Flow Cytometry Represents a New Tool to Study Their Functional Interplay within a Single Infected CD4 <sup>+</sup> T Cell. Journal of Virology, 2022, 96, jvi0192921.	3.4	10
34	Growth hormone (GH) receptor (GHR)-specific inhibition of GH-Induced signaling by soluble IGF-1 receptor (sol IGF-1R). Molecular and Cellular Endocrinology, 2019, 492, 110445.	3.2	8
35	High-Throughput Humanized Mouse Models for Evaluation of HIV-1 Therapeutics and Pathogenesis. Methods in Molecular Biology, 2016, 1354, 221-235.	0.9	7
36	The opportunity cost of automated glycopeptide analysis: case study profiling the SARS-CoV-2 S glycoprotein. Analytical and Bioanalytical Chemistry, 2021, 413, 7215-7227.	3.7	6

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37	Expression and purification of the alpha subunit of the epithelial sodium channel, ENaC. Protein Expression and Purification, 2016, 117, 67-75.	1.3	1