

# Ronald Derking

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3694313/publications.pdf>

Version: 2024-02-01

15  
papers

4,236  
citations

687363

13  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

6133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potent neutralizing antibodies from COVID-19 patients define multiple targets of vulnerability. <i>Science</i> , 2020, 369, 643-650.	12.6	1,104
2	A Next-Generation Cleaved, Soluble HIV-1 Env Trimer, BG505 SOSIP.664 gp140, Expresses Multiple Epitopes for Broadly Neutralizing but Not Non-Neutralizing Antibodies. <i>PLoS Pathogens</i> , 2013, 9, e1003618.	4.7	835
3	HIV-1 neutralizing antibodies induced by native-like envelope trimers. <i>Science</i> , 2015, 349, aac4223.	12.6	482
4	Broad and potent HIV-1 neutralization by a human antibody that binds the gp41-gp120 interface. <i>Nature</i> , 2014, 515, 138-142.	27.8	400
5	Broadly Neutralizing HIV Antibodies Define a Glycan-Dependent Epitope on the Prefusion Conformation of gp41 on Cleaved Envelope Trimers. <i>Immunity</i> , 2014, 40, 657-668.	14.3	342
6	Structural Delineation of a Quaternary, Cleavage-Dependent Epitope at the gp41-gp120 Interface on Intact HIV-1 Env Trimers. <i>Immunity</i> , 2014, 40, 669-680.	14.3	323
7	A Native-Like SOSIP.664 Trimer Based on an HIV-1 Subtype B <i>env</i> Gene. <i>Journal of Virology</i> , 2015, 89, 3380-3395.	3.4	247
8	Asymmetric recognition of the HIV-1 trimer by broadly neutralizing antibody PG9. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4351-4356.	7.1	236
9	Comprehensive Antigenic Map of a Cleaved Soluble HIV-1 Envelope Trimer. <i>PLoS Pathogens</i> , 2015, 11, e1004767.	4.7	100
10	Antibodies to a conformational epitope on gp41 neutralize HIV-1 by destabilizing the Env spike. <i>Nature Communications</i> , 2015, 6, 8167.	12.8	87
11	Enhancing glycan occupancy of soluble HIV-1 envelope trimers to mimic the native viral spike. <i>Cell Reports</i> , 2021, 35, 108933.	6.4	37
12	Structure-guided envelope trimer design in HIV-1 vaccine development: a narrative review. <i>Journal of the International AIDS Society</i> , 2021, 24, e25797.	3.0	24
13	Interplay between viral Tat protein and c-Jun transcription factor in controlling LTR promoter activity in different human immunodeficiency virus type I subtypes. <i>Journal of General Virology</i> , 2014, 95, 968-979.	2.9	14
14	Gp120/CD4 Blocking Antibodies Are Frequently Elicited in ART-Naïve Chronically HIV-1 Infected Individuals. <i>PLoS ONE</i> , 2015, 10, e0120648.	2.5	5
15	Bypass of Quality Control in Protein Folding Pathways Induces Specific Misfolding of HIV Envelope V2 Loop: Implications for Iminosugars as Antivirals. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A49-A49.	1.1	0