

William R Schief

List of Publications by Year in descending order

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134
papers

17,407
citations

15504

65
h-index

16650

123
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160
all docs

160
docs citations

160
times ranked

12189
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational Design of Envelope Identifies Broadly Neutralizing Human Monoclonal Antibodies to HIV-1. <i>Science</i> , 2010, 329, 856-861.	12.6	1,600
2	Structure of HIV-1 gp120 V1/V2 domain with broadly neutralizing antibody PG9. <i>Nature</i> , 2011, 480, 336-343.	27.8	794
3	Rational HIV Immunogen Design to Target Specific Germline B Cell Receptors. <i>Science</i> , 2013, 340, 711-716.	12.6	680
4	A Potent and Broad Neutralizing Antibody Recognizes and Penetrates the HIV Glycan Shield. <i>Science</i> , 2011, 334, 1097-1103.	12.6	644
5	Macromolecular modeling and design in Rosetta: recent methods and frameworks. <i>Nature Methods</i> , 2020, 17, 665-680.	19.0	513
6	HIV-1 neutralizing antibodies induced by native-like envelope trimers. <i>Science</i> , 2015, 349, aac4223.	12.6	482
7	Proof of principle for epitope-focused vaccine design. <i>Nature</i> , 2014, 507, 201-206.	27.8	451
8	Increased HIV-1 vaccine efficacy against viruses with genetic signatures in Env V2. <i>Nature</i> , 2012, 490, 417-420.	27.8	405
9	HIV-1 broadly neutralizing antibody precursor B cells revealed by germline-targeting immunogen. <i>Science</i> , 2016, 351, 1458-1463.	12.6	382
10	Priming a broadly neutralizing antibody response to HIV-1 using a germline-targeting immunogen. <i>Science</i> , 2015, 349, 156-161.	12.6	358
11	A Blueprint for HIV Vaccine Discovery. <i>Cell Host and Microbe</i> , 2012, 12, 396-407.	11.0	348
12	HIV Vaccine Design to Target Germline Precursors of Glycan-Dependent Broadly Neutralizing Antibodies. <i>Immunity</i> , 2016, 45, 483-496.	14.3	335
13	RosettaRemodel: A Generalized Framework for Flexible Backbone Protein Design. <i>PLoS ONE</i> , 2011, 6, e24109.	2.5	310
14	Structure of HIV-1 gp120 with gp41-interactive region reveals layered envelope architecture and basis of conformational mobility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1166-1171.	7.1	304
15	Slow Delivery Immunization Enhances HIV Neutralizing Antibody and Germinal Center Responses via Modulation of Immunodominance. <i>Cell</i> , 2019, 177, 1153-1171.e28.	28.9	293
16	Elicitation of Robust Tier 2 Neutralizing Antibody Responses in Nonhuman Primates by HIV Envelope Trimer Immunization Using Optimized Approaches. <i>Immunity</i> , 2017, 46, 1073-1088.e6.	14.3	286
17	Engineering HIV envelope protein to activate germline B cell receptors of broadly neutralizing anti-CD4 binding site antibodies. <i>Journal of Experimental Medicine</i> , 2013, 210, 655-663.	8.5	275
18	Precursor Frequency and Affinity Determine B Cell Competitive Fitness in Germinal Centers, Tested with Germline-Targeting HIV Vaccine Immunogens. <i>Immunity</i> , 2018, 48, 133-146.e6.	14.3	274

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19	Sequential Immunization Elicits Broadly Neutralizing Anti-HIV-1 Antibodies in Ig Knockin Mice. <i>Cell</i> , 2016, 166, 1445-1458.e12.	28.9	270
20	Role of nanoscale antigen organization on B-cell activation probed using DNA origami. <i>Nature Nanotechnology</i> , 2020, 15, 716-723.	31.5	263
21	Elicitation of structure-specific antibodies by epitope scaffolds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17880-17887.	7.1	261
22	Immunization for HIV-1 Broadly Neutralizing Antibodies in Human Ig Knockin Mice. <i>Cell</i> , 2015, 161, 1505-1515.	28.9	239
23	Tailored Immunogens Direct Affinity Maturation toward HIV Neutralizing Antibodies. <i>Cell</i> , 2016, 166, 1459-1470.e11.	28.9	230
24	Innate immune recognition of glycans targets HIV nanoparticle immunogens to germinal centers. <i>Science</i> , 2019, 363, 649-654.	12.6	227
25	Holes in the Glycan Shield of the Native HIV Envelope Are a Target of Trimer-Elicited Neutralizing Antibodies. <i>Cell Reports</i> , 2016, 16, 2327-2338.	6.4	216
26	Computation-Guided Backbone Grafting of a Discontinuous Motif onto a Protein Scaffold. <i>Science</i> , 2011, 334, 373-376.	12.6	212
27	Computational Design of Epitope-Scaffolds Allows Induction of Antibodies Specific for a Poorly Immunogenic HIV Vaccine Epitope. <i>Structure</i> , 2010, 18, 1116-1126.	3.3	203
28	Induction of HIV Neutralizing Antibody Lineages in Mice with Diverse Precursor Repertoires. <i>Cell</i> , 2016, 166, 1471-1484.e18.	28.9	198
29	Global site-specific N-glycosylation analysis of HIV envelope glycoprotein. <i>Nature Communications</i> , 2017, 8, 14954.	12.8	176
30	A generalized HIV vaccine design strategy for priming of broadly neutralizing antibody responses. <i>Science</i> , 2019, 366, .	12.6	172
31	Engineered immunogen binding to alum adjuvant enhances humoral immunity. <i>Nature Medicine</i> , 2020, 26, 430-440.	30.7	172
32	Specifically modified Env immunogens activate B-cell precursors of broadly neutralizing HIV-1 antibodies in transgenic mice. <i>Nature Communications</i> , 2016, 7, 10618.	12.8	166
33	Rosetta predictions in CASP5: Successes, failures, and prospects for complete automation. <i>Proteins: Structure, Function and Bioinformatics</i> , 2003, 53, 457-468.	2.6	162
34	Promiscuous Glycan Site Recognition by Antibodies to the High-Mannose Patch of gp120 Broadens Neutralization of HIV. <i>Science Translational Medicine</i> , 2014, 6, 236ra63.	12.4	160
35	Vaccine-Induced Protection from Homologous Tier 2 SHIV Challenge in Nonhuman Primates Depends on Serum-Neutralizing Antibody Titers. <i>Immunity</i> , 2019, 50, 241-252.e6.	14.3	153
36	Multifaceted Effects of Antigen Valency on B Cell Response Composition and Differentiation In Vivo. <i>Immunity</i> , 2020, 53, 548-563.e8.	14.3	149

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37	Priming HIV-1 broadly neutralizing antibody precursors in human Ig loci transgenic mice. <i>Science</i> , 2016, 353, 1557-1560.	12.6	147
38	Structure-based design of native-like HIV-1 envelope trimers to silence non-neutralizing epitopes and eliminate CD4 binding. <i>Nature Communications</i> , 2017, 8, 1655.	12.8	142
39	Vaccine-Elicited Tier 2 HIV-1 Neutralizing Antibodies Bind to Quaternary Epitopes Involving Glycan-Deficient Patches Proximal to the CD4 Binding Site. <i>PLoS Pathogens</i> , 2015, 11, e1004932.	4.7	141
40	Enhancing humoral immunity via sustained-release implantable microneedle patch vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16473-16478.	7.1	141
41	A Prominent Site of Antibody Vulnerability on HIV Envelope Incorporates a Motif Associated with CCR5 Binding and Its Camouflaging Glycans. <i>Immunity</i> , 2016, 45, 31-45.	14.3	129
42	Role of Complex Carbohydrates in Human Immunodeficiency Virus Type 1 Infection and Resistance to Antibody Neutralization. <i>Journal of Virology</i> , 2010, 84, 5637-5655.	3.4	127
43	Conformational changes during kinesin motility. <i>Current Opinion in Cell Biology</i> , 2001, 13, 19-28.	5.4	126
44	Differential processing of HIV envelope glycans on the virus and soluble recombinant trimer. <i>Nature Communications</i> , 2018, 9, 3693.	12.8	124
45	A Computationally Designed Inhibitor of an Epstein-Barr Viral Bcl-2 Protein Induces Apoptosis in Infected Cells. <i>Cell</i> , 2014, 157, 1644-1656.	28.9	118
46	RosettaAntibodyDesign (RABD): A general framework for computational antibody design. <i>PLoS Computational Biology</i> , 2018, 14, e1006112.	3.2	115
47	Recurrent Signature Patterns in HIV-1 B Clade Envelope Glycoproteins Associated with either Early or Chronic Infections. <i>PLoS Pathogens</i> , 2011, 7, e1002209.	4.7	114
48	Glycan clustering stabilizes the mannose patch of HIV-1 and preserves vulnerability to broadly neutralizing antibodies. <i>Nature Communications</i> , 2015, 6, 7479.	12.8	113
49	The human naive B cell repertoire contains distinct subclasses for a germline-targeting HIV-1 vaccine immunogen. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	113
50	Glycan Masking Focuses Immune Responses to the HIV-1 CD4-Binding Site and Enhances Elicitation of VRC01-Class Precursor Antibodies. <i>Immunity</i> , 2018, 49, 301-311.e5.	14.3	110
51	Challenges for structure-based HIV vaccine design. <i>Current Opinion in HIV and AIDS</i> , 2009, 4, 431-440.	3.8	104
52	Minimally Mutated HIV-1 Broadly Neutralizing Antibodies to Guide Reductionist Vaccine Design. <i>PLoS Pathogens</i> , 2016, 12, e1005815.	4.7	104
53	Inhibition of kinesin motility by ADP and phosphate supports a hand-over-hand mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1183-1188.	7.1	103
54	Immune Tolerance Negatively Regulates B Cells in Knock-In Mice Expressing Broadly Neutralizing HIV Antibody 4E10. <i>Journal of Immunology</i> , 2013, 191, 3186-3191.	0.8	103

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55	Design and Characterization of Epitope-Scaffold Immunogens That Present the Motavizumab Epitope from Respiratory Syncytial Virus. <i>Journal of Molecular Biology</i> , 2011, 409, 853-866.	4.2	100
56	Computational Design of High-Affinity Epitope Scaffolds by Backbone Grafting of a Linear Epitope. <i>Journal of Molecular Biology</i> , 2012, 415, 175-192.	4.2	99
57	Phase Separation in Monolayers of Pulmonary Surfactant Phospholipids at the Air-Water Interface: Composition and Structure. <i>Biophysical Journal</i> , 1999, 77, 2051-2061.	0.5	98
58	Automatically Fixing Errors in Glycoprotein Structures with Rosetta. <i>Structure</i> , 2019, 27, 134-139.e3.	3.3	93
59	Advances in structure-based vaccine design. <i>Current Opinion in Virology</i> , 2013, 3, 322-331.	5.4	87
60	Nitric oxide synthase domain interfaces regulate electron transfer and calmodulin activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3577-86.	7.1	84
61	Discrepancy between Phase Behavior of Lung Surfactant Phospholipids and the Classical Model of Surfactant Function. <i>Biophysical Journal</i> , 2001, 81, 2172-2180.	0.5	83
62	Liquid-Crystalline Collapse of Pulmonary Surfactant Monolayers. <i>Biophysical Journal</i> , 2003, 84, 3792-3806.	0.5	81
63	Immunogenicity of HIV-1 envelope glycoprotein oligomers. <i>Current Opinion in HIV and AIDS</i> , 2009, 4, 380-387.	3.8	76
64	Heterologous Epitope-Scaffold Prime-Boosting Immuno-Focuses B Cell Responses to the HIV-1 gp41 2F5 Neutralization Determinant. <i>PLoS ONE</i> , 2011, 6, e16074.	2.5	75
65	Rapid and Focused Maturation of a VRC01-Class HIV Broadly Neutralizing Antibody Lineage Involves Both Binding and Accommodation of the N276-Glycan. <i>Immunity</i> , 2019, 51, 141-154.e6.	14.3	71
66	Mapping a common interaction site used by <i>Plasmodium falciparum</i> Duffy binding-like domains to bind diverse host receptors. <i>Molecular Microbiology</i> , 2008, 67, 78-87.	2.5	70
67	Enhancing Humoral Responses Against HIV Envelope Trimers via Nanoparticle Delivery with Stabilized Synthetic Liposomes. <i>Scientific Reports</i> , 2018, 8, 16527.	3.3	69
68	A particulate saponin/TLR agonist vaccine adjuvant alters lymph flow and modulates adaptive immunity. <i>Science Immunology</i> , 2021, 6, eabf1152.	11.9	63
69	Two-Dimensional Crystallization of Streptavidin Studied by Quantitative Brewster Angle Microscopy. <i>Langmuir</i> , 1996, 12, 1312-1320.	3.5	61
70	Computational Protein Design Using Flexible Backbone Remodeling and Resurfacing: Case Studies in Structure-Based Antigen Design. <i>Journal of Molecular Biology</i> , 2011, 405, 284-297.	4.2	60
71	HIV-1 Envelope and MPER Antibody Structures in Lipid Assemblies. <i>Cell Reports</i> , 2020, 31, 107583.	6.4	60
72	Molecular definition of multiple sites of antibody inhibition of malaria transmission-blocking vaccine antigen Pfs25. <i>Nature Communications</i> , 2017, 8, 1568.	12.8	59

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73	Immunogenicity of RNA Replicons Encoding HIV Env Immunogens Designed for Self-Assembly into Nanoparticles. <i>Molecular Therapy</i> , 2019, 27, 2080-2090.	8.2	58
74	CoV3D: a database of high resolution coronavirus protein structures. <i>Nucleic Acids Research</i> , 2021, 49, D282-D287.	14.5	58
75	Lipid interactions and angle of approach to the HIV-1 viral membrane of broadly neutralizing antibody 10E8: Insights for vaccine and therapeutic design. <i>PLoS Pathogens</i> , 2017, 13, e1006212.	4.7	58
76	Anti-HIV B Cell Lines as Candidate Vaccine Biosensors. <i>Journal of Immunology</i> , 2012, 189, 4816-4824.	0.8	57
77	When designing vaccines, consider the starting material: the human B cell repertoire. <i>Current Opinion in Immunology</i> , 2018, 53, 209-216.	5.5	52
78	Comprehensive Sieve Analysis of Breakthrough HIV-1 Sequences in the RV144 Vaccine Efficacy Trial. <i>PLoS Computational Biology</i> , 2015, 11, e1003973.	3.2	51
79	Rapid Germinal Center and Antibody Responses in Non-human Primates after a Single Nanoparticle Vaccine Immunization. <i>Cell Reports</i> , 2019, 29, 1756-1766.e8.	6.4	47
80	Hyperglycosylated Stable Core Immunogens Designed To Present the CD4 Binding Site Are Preferentially Recognized by Broadly Neutralizing Antibodies. <i>Journal of Virology</i> , 2014, 88, 14002-14016.	3.4	43
81	B cells expressing authentic naive human VRC01-class BCRs can be recruited to germinal centers and affinity mature in multiple independent mouse models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22920-22931.	7.1	42
82	B Cells from Knock-in Mice Expressing Broadly Neutralizing HIV Antibody b12 Carry an Innocuous B Cell Receptor Responsive to HIV Vaccine Candidates. <i>Journal of Immunology</i> , 2013, 191, 3179-3185.	0.8	41
83	Residue-centric modeling and design of saccharide and glycoconjugate structures. <i>Journal of Computational Chemistry</i> , 2017, 38, 276-287.	3.3	41
84	Vaccine genetics of IGHV1-2 VRC01-class broadly neutralizing antibody precursor naïve human B cells. <i>Npj Vaccines</i> , 2021, 6, 113.	6.0	40
85	Targeting HIV Env immunogens to B cell follicles in nonhuman primates through immune complex or protein nanoparticle formulations. <i>Npj Vaccines</i> , 2020, 5, 72.	6.0	39
86	Structural basis for nonneutralizing antibody competition at antigenic site II of the respiratory syncytial virus fusion protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6849-E6858.	7.1	38
87	Vaccine elicitation of HIV broadly neutralizing antibodies from engineered B cells. <i>Nature Communications</i> , 2020, 11, 5850.	12.8	38
88	Potent antibody lineage against malaria transmission elicited by human vaccination with Pfs25. <i>Nature Communications</i> , 2019, 10, 4328.	12.8	37
89	Effects of partially dismantling the CD4 binding site glycan fence of HIV-1 Envelope glycoprotein trimers on neutralizing antibody induction. <i>Virology</i> , 2017, 505, 193-209.	2.4	36
90	Polyclonal antibody responses to HIV Env immunogens resolved using cryoEM. <i>Nature Communications</i> , 2021, 12, 4817.	12.8	35

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91	Modulating the quantity of HIV Env-specific CD4 T cell help promotes rare B cell responses in germinal centers. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	35
92	A broad and potent neutralization epitope in SARS-related coronaviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	34
93	Escape from neutralization by the respiratory syncytial virus-specific neutralizing monoclonal antibody palivizumab is driven by changes in on-rate of binding to the fusion protein. <i>Virology</i> , 2014, 454-455, 139-144.	2.4	31
94	In Vivo Assembly of Nanoparticles Achieved through Synergy of Structure-Based Protein Engineering and Synthetic DNA Generates Enhanced Adaptive Immunity. <i>Advanced Science</i> , 2020, 7, 1902802.	11.2	30
95	Glycan Masking of Plasmodium vivax Duffy Binding Protein for Probing Protein Binding Function and Vaccine Development. <i>PLoS Pathogens</i> , 2013, 9, e1003420.	4.7	28
96	One-step CRISPR/Cas9 method for the rapid generation of human antibody heavy chain knock-in mice. <i>EMBO Journal</i> , 2018, 37, .	7.8	28
97	Better together: Elements of successful scientific software development in a distributed collaborative community. <i>PLoS Computational Biology</i> , 2020, 16, e1007507.	3.2	27
98	Reversion of Somatic Mutations of the Respiratory Syncytial Virus-Specific Human Monoclonal Antibody Fab19 Reveal a Direct Relationship between Association Rate and Neutralizing Potency. <i>Journal of Immunology</i> , 2013, 190, 3732-3739.	0.8	26
99	Molecular Basis for Ionic Strength Dependence and Crystal Morphology in Two-Dimensional Streptavidin Crystallization. <i>Langmuir</i> , 1998, 14, 4683-4687.	3.5	25
100	Modeling Immunity with Rosetta: Methods for Antibody and Antigen Design. <i>Biochemistry</i> , 2021, 60, 825-846.	2.5	24
101	Multiplexed CRISPR/CAS9-mediated engineering of pre-clinical mouse models bearing native human B cell receptors. <i>EMBO Journal</i> , 2021, 40, e105926.	7.8	24
102	Glycoengineering HIV-1 Env creates "supercharged" and "hybrid" glycans to increase neutralizing antibody potency, breadth and saturation. <i>PLoS Pathogens</i> , 2018, 14, e1007024.	4.7	22
103	Light scattering microscopy from monolayers and nanoparticles at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000, 171, 75-86.	4.7	20
104	Electron Crystallographic Analysis of Two-Dimensional Streptavidin Crystals Coordinated to Metal-Chelated Lipid Monolayers. <i>Biophysical Journal</i> , 1998, 74, 2674-2679.	0.5	19
105	From structure to sequence: Antibody discovery using cryoEM. <i>Science Advances</i> , 2022, 8, eabk2039.	10.3	18
106	Computational design of protein antigens that interact with the CDR H3 loop of HIV broadly neutralizing antibody 2F5. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 2770-2782.	2.6	16
107	Combined PET and whole-tissue imaging of lymphatic-targeting vaccines in non-human primates. <i>Biomaterials</i> , 2021, 275, 120868.	11.4	16
108	Ensuring scientific reproducibility in bio-macromolecular modeling via extensive, automated benchmarks. <i>Nature Communications</i> , 2021, 12, 6947.	12.8	16

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109	A Chimeric HIV-1 Envelope Glycoprotein Trimer with an Embedded Granulocyte-Macrophage Colony-stimulating Factor (GM-CSF) Domain Induces Enhanced Antibody and T Cell Responses. <i>Journal of Biological Chemistry</i> , 2011, 286, 22250-22261.	3.4	15
110	Dynamics of two-dimensional protein crystallization at the air/water interface: streptavidin targetted to surfaces via high-affinity binding or metal coordination. <i>Supramolecular Science</i> , 1997, 4, 163-171.	0.7	13
111	Two-dimensional crystallization of streptavidin: in pursuit of the molecular origins of structure, morphology, and thermodynamics. <i>New Biotechnology</i> , 1999, 16, 29-38.	2.7	12
112	Binding and two-dimensional crystallization of streptavidin at the air/water interface via engineered Cu-IDA chelator lipids. <i>Coordination Chemistry Reviews</i> , 1999, 183, 3-18.	18.8	12
113	Design and Characterization of Stabilized Derivatives of Human CD4D12 and CD4D1. <i>Biochemistry</i> , 2011, 50, 7891-7900.	2.5	11
114	PyRosetta Jupyter Notebooks Teach Biomolecular Structure Prediction and Design. <i>The Biophysicist</i> , 2021, 2, 108-122.	0.3	8
115	DeGlyPHER: An Ultrasensitive Method for the Analysis of Viral Spike <i><i>N</i></i> -Glycoforms. <i>Analytical Chemistry</i> , 2021, 93, 13651-13657.	6.5	7
116	B cells expressing IgM B cell receptors of HIV-1 neutralizing antibodies discriminate antigen affinities by sensing binding association rates. <i>Cell Reports</i> , 2022, 39, 111021.	6.4	6
117	Expression of complete SIV p27 Gag and HIV gp120 engineered outer domains targeted by broadly neutralizing antibodies in live rubella vectors. <i>Vaccine</i> , 2017, 35, 3272-3278.	3.8	5
118	Molecular Motors: Single-Molecule Recordings Made Easy. <i>Current Biology</i> , 2002, 12, R203-R205.	3.9	4
119	An HIV-1 Envelope Glycoprotein Trimer with an Embedded IL-21 Domain Activates Human B Cells. <i>PLoS ONE</i> , 2013, 8, e67309.	2.5	4
120	Highly mutated antibodies capable of neutralizing N276 glycan-deficient HIV after a single immunization with an Env trimer. <i>Cell Reports</i> , 2022, 38, 110485.	6.4	4
121	High-resolution structure prediction of a circular permutation loop. <i>Protein Science</i> , 2011, 20, 1929-1934.	7.6	3
122	Structural basis of HIV-1 gp120 conformational mobility. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2009, 65, s24-s24.	0.3	3
123	Biophysical and Structural Characterization of Antibody Responses to Malaria Antigens. <i>Biophysical Journal</i> , 2017, 112, 51a.	0.5	1
124	Nanoparticle Vaccines: In Vivo Assembly of Nanoparticles Achieved through Synergy of Structure-Based Protein Engineering and Synthetic DNA Generates Enhanced Adaptive Immunity (Adv.) <i>Tj ETQq0 0.0 rgt / Overlock 10</i>	0.0	0
125	Longitudinally Tracked, Rapid and Robust Antigen-Specific Germinal Center Responses in Non-Human Primates after a Single Nanoparticle Vaccine Immunization. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
126	Learning from Nature to design new biomolecules. <i>Current Opinion in Structural Biology</i> , 2012, 22, 395-396.	5.7	0

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127	Computation-Guided Vaccine Design. <i>Biophysical Journal</i> , 2013, 104, 185a.	0.5	0
128	Refocussing Antibody Responses by Chemical Modification of Vaccine Antigens. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A66-A67.	1.1	0
129	Comprehensive Sieve Analysis of Breakthrough HIV-1 Sequences in the RV144 Vaccine Efficacy Trial. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A25-A26.	1.1	0
130	Investigating Epitope Exposure on Native Trimers. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A35-A35.	1.1	0
131	C-103 Germline-targeting vaccine design for HIV. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018, 77, 38-38.	2.1	0
132	Probing the Role of HIV Antigen Nanoscale Organization on B-Cell Activation with DNA Origami. <i>Biophysical Journal</i> , 2019, 116, 578a.	0.5	0
133	Highly Mutated Antibodies Capable of Neutralizing N276-Glycan Deficient HIV after a Single Immunization with an Env Trimer. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
134	Structural delineation of human antibody responses against malaria transmission-blocking vaccine antigen Pfs25. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, a255-a255.	0.1	0