Pamela Bjorkman

List of Publications by Year
in descending order

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243 papers	44,690 citations	3874 91 h-index	2688 199 g-index
289 all docs	289 docs citations	289 times ranked	37600 citing authors

#	Article	IF	Citations
1	Severe Acute Respiratory Syndrome Coronavirus 2 Viremia Is Associated With Coronavirus Disease 2019 Severity and Predicts Clinical Outcomes. Clinical Infectious Diseases, 2022, 74, 1525-1533.	2.9	96
2	Innovative vaccine approachesâ€"a Keystone Symposia report. Annals of the New York Academy of Sciences, 2022, 1511, 59-86.	1.8	5
3	B cell overexpression of FCRL5 and PD-1 is associated with low antibody titers in HCV infection. PLoS Pathogens, 2022, 18, e1010179.	2.1	6
4	Discovery of ultrapotent broadly neutralizing antibodies from SARS-CoV-2 elite neutralizers. Cell Host and Microbe, 2022, 30, 69-82.e10.	5.1	42
5	Rapid identification of neutralizing antibodies against SARS-CoV-2 variants by mRNA display. Cell Reports, 2022, 38, 110348.	2.9	14
6	Analysis of antibodies from HCV elite neutralizers identifies genetic determinants of broad neutralization. Immunity, 2022, 55, 341-354.e7.	6.6	21
7	Neutralizing antibodies induced in immunized macaques recognize the CD4-binding site on an occluded-open HIV-1 envelope trimer. Nature Communications, 2022, 13, 732.	5.8	19
8	A gut-derived metabolite alters brain activity and anxiety behaviour in mice. Nature, 2022, 602, 647-653.	13.7	179
9	Computational identification of HCV neutralizing antibodies with a common HCDR3 disulfide bond motif in the antibody repertoires of infected individuals. Nature Communications, 2022, 13, .	5.8	4
10	Comparing methods for immobilizing HIV-1 SOSIPs in ELISAs that evaluate antibody binding. Scientific Reports, 2022, 12, .	1.6	3
11	Mosaic RBD nanoparticles protect against challenge by diverse sarbecoviruses in animal models. Science, 2022, 377, .	6.0	120
12	Lower Respiratory Tract Myeloid Cells Harbor SARS-Cov-2 and Display an Inflammatory Phenotype. Chest, 2021, 159, 963-966.	0.4	10
13	Evolution of antibody immunity to SARS-CoV-2. Nature, 2021, 591, 639-644.	13.7	1,355
14	Mosaic nanoparticles elicit cross-reactive immune responses to zoonotic coronaviruses in mice. Science, 2021, 371, 735-741.	6.0	305
15	mRNA vaccine-elicited antibodies to SARS-CoV-2 and circulating variants. Nature, 2021, 592, 616-622.	13.7	1,232
16	Cryo-EM structures of HIV-1 trimer bound to CD4-mimetics BNM-III-170 and M48U1 adopt a CD4-bound open conformation. Nature Communications, 2021, 12, 1950.	5.8	22
17	Bispecific IgG neutralizes SARS-CoV-2 variants and prevents escape in mice. Nature, 2021, 593, 424-428.	13.7	108
18	Construction, characterization, and immunization of nanoparticles that display a diverse array of influenza HA trimers. PLoS ONE, 2021, 16, e0247963.	1.1	36

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19	Broad and potent neutralizing human antibodies to tick-borne flaviviruses protect mice from disease. Journal of Experimental Medicine, 2021, 218, .	4.2	25
20	Investigate the origins of COVID-19. Science, 2021, 372, 694-694.	6.0	92
21	Intestinal Host Response to SARS-CoV-2 Infection and COVID-19 Outcomes in Patients With Gastrointestinal Symptoms. Gastroenterology, 2021, 160, 2435-2450.e34.	0.6	118
22	InÂvitro characterization of engineered red blood cells as viral traps against HIV-1 and SARS-CoV-2. Molecular Therapy - Methods and Clinical Development, 2021, 21, 161-170.	1.8	4
23	The Evolution of Interdependence in a Four-Way Mealybug Symbiosis. Genome Biology and Evolution, 2021, 13, .	1.1	9
24	B cell genomics behind cross-neutralization of SARS-CoV-2 variants and SARS-CoV. Cell, 2021, 184, 3205-3221.e24.	13.5	73
25	In vivo imaging of retrovirus infection reveals a role for Siglec-1/CD169 in multiple routes of transmission. ELife, 2021, 10, .	2.8	7
26	Mapping mutations to the SARS-CoV-2 RBD that escape binding by different classes of antibodies. Nature Communications, 2021, 12, 4196.	5.8	332
27	Neutralizing antibodies against coronaviruses. Microscopy and Microanalysis, 2021, 27, 1112-1113.	0.2	0
28	Detection and characterization of the SARS-CoV-2 lineage B.1.526 in New York. Nature Communications, 2021, 12, 4886.	5.8	65
29	Affinity maturation of SARS-CoV-2 neutralizing antibodies confers potency, breadth, and resilience to viral escape mutations. Immunity, 2021, 54, 1853-1868.e7.	6.6	230
30	Broad cross-reactivity across sarbecoviruses exhibited by a subset of COVID-19 donor-derived neutralizing antibodies. Cell Reports, 2021, 36, 109760.	2.9	80
31	Live imaging of SARS-CoV-2 infection in mice reveals that neutralizing antibodies require Fc function for optimal efficacy. Immunity, 2021, 54, 2143-2158.e15.	6.6	155
32	Nâ€Terminal Modification of Glyâ€Hisâ€Tagged Proteins with Azidogluconolactone. ChemBioChem, 2021, 22, 3199-3207.	1.3	6
33	Intractable Coronavirus Disease 2019 (COVID-19) and Prolonged Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Replication in a Chimeric Antigen Receptor-Modified T-Cell Therapy Recipient: A Case Study. Clinical Infectious Diseases, 2021, 73, e815-e821.	2.9	113
34	How Antibodies Recognize Pathogenic Viruses: Structural Correlates of Antibody Neutralization of HIV-1, SARS-CoV-2, and Zika. Viruses, 2021, 13, 2106.	1.5	7
35	Antibody elicited by HIV-1 immunogen vaccination in macaques displaces Env fusion peptide and destroys a neutralizing epitope. Npj Vaccines, 2021, 6, 126.	2.9	2
36	Sequential immunization of macaques elicits heterologous neutralizing antibodies targeting the V3-glycan patch of HIV-1 Env. Science Translational Medicine, 2021, 13, eabk1533.	5.8	27

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37	Can we use structural knowledge to design a protective vaccine against HIVâ€1?. Hla, 2020, 95, 95-103.	0.4	5
38	Nanoparticles presenting clusters of CD4 expose a universal vulnerability of HIV-1 by mimicking target cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18719-18728.	3.3	21
39	SARS-CoV-2 neutralizing antibody structures inform therapeutic strategies. Nature, 2020, 588, 682-687.	13.7	1,346
40	Convergent antibody responses to SARS-CoV-2 in convalescent individuals. Nature, 2020, 584, 437-442.	13.7	1,742
41	De novo design of potent and resilient hACE2 decoys to neutralize SARS-CoV-2. Science, 2020, 370, 1208-1214.	6.0	172
42	Structures of Human Antibodies Bound to SARS-CoV-2 Spike Reveal Common Epitopes and Recurrent Features of Antibodies. Cell, 2020, 182, 828-842.e16.	13.5	724
43	Restriction of HIV-1 Escape by a Highly Broad and Potent Neutralizing Antibody. Cell, 2020, 180, 471-489.e22.	13.5	106
44	A combination of two human monoclonal antibodies limits fetal damage by Zika virus in macaques. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7981-7989.	3.3	24
45	Structural basis for Zika envelope domain III recognition by a germline version of a recurrent neutralizing antibody. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9865-9875.	3.3	7
46	An ultralong CDRH2 in HCV neutralizing antibody demonstrates structural plasticity of antibodies against E2 glycoprotein. ELife, 2020, 9, .	2.8	21
47	Electron tomography visualization of HIV-1 fusion with target cells using fusion inhibitors to trap the pre-hairpin intermediate. ELife, 2020, 9, .	2.8	37
48	A broadly neutralizing macaque monoclonal antibody against the HIV-1 V3-Glycan patch. ELife, 2020, 9, .	2.8	10
49	Harnessing Avidity: Quantifying the Entropic and Energetic Effects of Linker Length and Rigidity for Multivalent Binding of Antibodies to HIV-1. Cell Systems, 2019, 9, 466-474.e7.	2.9	20
50	Peptidoglycan Production by an Insect-Bacterial Mosaic. Cell, 2019, 179, 703-712.e7.	13.5	75
51	Broad and Potent Neutralizing Antibodies Recognize the Silent Face of the HIV Envelope. Immunity, 2019, 50, 1513-1529.e9.	6.6	85
52	Immunization expands B cells specific to HIV-1 V3 glycan in mice and macaques. Nature, 2019, 570, 468-473.	13.7	145
53	Endocytosis of commensal antigens by intestinal epithelial cells regulates mucosal T cell homeostasis. Science, 2019, 363, .	6.0	121
54	Asymmetric opening of HIV-1 Env bound to CD4 and a coreceptor-mimicking antibody. Nature Structural and Molecular Biology, 2019, 26, 1167-1175.	3.6	43

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55	A Protective Role for the Lectin CD169/Siglec-1 against a Pathogenic Murine Retrovirus. Cell Host and Microbe, 2019, 25, 87-100.e10.	5.1	26
56	Mechanisms of virus dissemination in bone marrow of HIV-1â€“infected humanized BLT mice. ELife, 2019, 8, .	2.8	24
57	Gut microbiota utilize immunoglobulin A for mucosal colonization. Science, 2018, 360, 795-800.	6.0	447
58	Structural characterization of a highly-potent V3-glycan broadly neutralizing antibody bound to natively-glycosylated HIV-1 envelope. Nature Communications, 2018, 9, 1251.	5.8	85
59	HCV Broadly Neutralizing Antibodies Use a CDRH3 Disulfide Motif to Recognize an E2 Glycoprotein Site that Can Be Targeted for Vaccine Design. Cell Host and Microbe, 2018, 24, 703-716.e3.	5.1	95
60	Broadly Neutralizing Antibody Mediated Clearance of Human Hepatitis C Virus Infection. Cell Host and Microbe, 2018, 24, 717-730.e5.	5.1	78
61	A Combination of Two Human Monoclonal Antibodies Prevents Zika Virus Escape Mutations in Non-human Primates. Cell Reports, 2018, 25, 1385-1394.e7.	2.9	61
62	Combination therapy with anti-HIV-1 antibodies maintains viral suppression. Nature, 2018, 561, 479-484.	13.7	392
63	Partially Open HIV-1 Envelope Structures Exhibit Conformational Changes Relevant for Coreceptor Binding and Fusion. Cell Host and Microbe, 2018, 24, 579-592.e4.	5.1	88
64	DEER Spectroscopy Measurements Reveal Multiple Conformations of HIV-1 SOSIP Envelopes that Show Similarities with Envelopes on Native Virions. Immunity, 2018, 49, 235-246.e4.	6.6	68
65	Coexistence of potent HIV-1 broadly neutralizing antibodies and antibody-sensitive viruses in a viremic controller. Science Translational Medicine, 2017, 9, .	5.8	128
66	Antibody 10-1074 suppresses viremia in HIV-1-infected individuals. Nature Medicine, 2017, 23, 185-191.	15.2	399
67	Recurrent Potent Human Neutralizing Antibodies to Zika Virus in Brazil and Mexico. Cell, 2017, 169, 597-609.e11.	13.5	279
68	LEM2 recruits CHMP7 for ESCRT-mediated nuclear envelope closure in fission yeast and human cells. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2166-E2175.	3.3	149
69	X-ray and EM structures of a natively glycosylated HIV-1 envelope trimer. Acta Crystallographica Section D: Structural Biology, 2017, 73, 822-828.	1.1	13
70	Multiscale Imaging of HIV-1 Transmission in Humanized Mice. AIDS Research and Human Retroviruses, 2017, 33, S-6-S-7.	0.5	4
71	Longitudinal imaging of HIV-1 spread in humanized mice with parallel 3D immunofluorescence and electron tomography. ELife, 2017, 6, .	2.8	27
72	Comparison of homologous and heterologous prime-boost vaccine approaches using Modified Vaccinia Ankara and soluble protein to induce neutralizing antibodies by the human cytomegalovirus pentamer complex in mice. PLoS ONE, 2017, 12, e0183377.	1.1	10

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73	Asymmetric recognition of HIV-1 Envelope trimer by V1V2 loop-targeting antibodies. ELife, 2017, 6, .	2.8	52
74	The structure and dynamics of secretory component and its interactions with polymeric immunoglobulins. ELife, 2016, 5, .	2.8	86
75	Structural basis for germline antibody recognition of HIV-1 immunogens. ELife, 2016, 5, .	2.8	68
76	Comparative analysis of anti-polyglutamine Fab crystals grown on Earth and in microgravity. Acta Crystallographica Section F, Structural Biology Communications, 2016, 72, 762-771.	0.4	3
77	HIV-1 therapy with monoclonal antibody 3BNC117 elicits host immune responses against HIV-1. Science, 2016, 352, 997-1001.	6.0	263
78	Natively glycosylated HIV-1 Env structure reveals new mode for antibody recognition of the CD4-binding site. Nature Structural and Molecular Biology, 2016, 23, 906-915.	3.6	188
79	Biophysical and Biochemical Characterization of Avian Secretory Component Provides Structural Insights into the Evolution of the Polymeric Ig Receptor. Journal of Immunology, 2016, 197, 1408-1414.	0.4	17
80	Cryo-EM structure of a CD4-bound open HIV-1 envelope trimer reveals structural rearrangements of the gp120 V1V2 loop. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E7151-E7158.	3.3	130
81	Characterization of Antibody Bipolar Bridging Mediated by the Human Cytomegalovirus Fc Receptor gp68. Journal of Virology, 2016, 90, 3262-3267.	1.5	13
82	HIV-1 antibody 3BNC117 suppresses viral rebound in humans during treatment interruption. Nature, 2016, 535, 556-560.	13.7	400
83	V1/V2 Neutralizing Epitope is Conserved in Divergent Non-M Groups of HIV-1. Journal of Acquired Immune Deficiency Syndromes (1999), 2016, 71, 237-245.	0.9	7
84	A Highly Conserved Residue of the HIV-1 gp120 Inner Domain Is Important for Antibody-Dependent Cellular Cytotoxicity Responses Mediated by Anti-cluster A Antibodies. Journal of Virology, 2016, 90, 2127-2134.	1.5	69
85	Structure of an HIV-2 gp120 in Complex with CD4. Journal of Virology, 2016, 90, 2112-2118.	1.5	19
86	Structural characterization of GASDALIE Fc bound to the activating Fc receptor FcÎ³RIIIa. Journal of Structural Biology, 2016, 194, 78-89.	1.3	44
87	Antibody engineering for increased potency, breadth and half-life. Current Opinion in HIV and AIDS, 2015, 10, 151-159.	1.5	46
88	A New Glycan-Dependent CD4-Binding Site Neutralizing Antibody Exerts Pressure on HIV-1 In Vivo. PLoS Pathogens, 2015, 11, e1005238.	2.1	43
89	Structural Repertoire of HIV-1-Neutralizing Antibodies Targeting the CD4 Supersite in 14 Donors. Cell, 2015, 161, 1280-1292.	13.5	305
90	Intra-Spike Crosslinking Overcomes Antibody Evasion by HIV-1. Cell, 2015, 160, 433-446.	13.5	109

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91	Immunization for HIV-1 Broadly Neutralizing Antibodies in Human Ig Knockin Mice. Cell, 2015, 161, 1505-1515.	13.5	239
92	Retroviruses use CD169-mediated trans-infection of permissive lymphocytes to establish infection. Science, 2015, 350, 563-567.	6.0	155
93	CATNAP: a tool to compile, analyze and tally neutralizing antibody panels. Nucleic Acids Research, 2015, 43, W213-W219.	6.5	118
94	Whole-body tissue stabilization and selective extractions via tissue-hydrogel hybrids for high-resolution intact circuit mapping and phenotyping. Nature Protocols, 2015, 10, 1860-1896.	5.5	234
95	Neutralization Properties of Simian Immunodeficiency Viruses Infecting Chimpanzees and Gorillas. MBio, 2015, 6, .	1.8	25
96	Broadly Neutralizing Antibody 8ANC195 Recognizes Closed and Open States of HIV-1 Env. Cell, 2015, 162, 1379-1390.	13.5	132
97	Anti-PolyQ Antibodies Recognize a Short PolyQ Stretch in Both Normal and Mutant Huntingtin Exon 1. Journal of Molecular Biology, 2015, 427, 2507-2519.	2.0	31
98	Not Second Class: The First Class II MHC Crystal Structure. Journal of Immunology, 2015, 194, 3-4.	0.4	8
99	Electron Tomography of HIV-1 Infection in Gut-Associated Lymphoid Tissue. PLoS Pathogens, 2014, 10, e1003899.	2.1	45
100	The Herpes Virus Fc Receptor gE-gI Mediates Antibody Bipolar Bridging to Clear Viral Antigens from the Cell Surface. PLoS Pathogens, 2014, 10, e1003961.	2.1	35
101	Engineering Antibodies to Enhance Activity and Increase Half-life. AIDS Research and Human Retroviruses, 2014, 30, A210-A210.	0.5	2
102	Enhanced HIV-1 immunotherapy by commonly arising antibodies that target virus escape variants. Journal of Experimental Medicine, 2014, 211, 2361-2372.	4.2	79
103	Passive transfer of modest titers of potent and broadly neutralizing anti-HIV monoclonal antibodies block SHIV infection in macaques. Journal of Experimental Medicine, 2014, 211, 2061-2074.	4.2	297
104	Drift of the HIV-1 Envelope Glycoprotein gp120 toward Increased Neutralization Resistance over the Course of the Epidemic: a Comprehensive Study Using the Most Potent and Broadly Neutralizing Monoclonal Antibodies. Journal of Virology, 2014, 88, 13910-13917.	1.5	42
105	Design and characterization of structured protein linkers with differing flexibilities. Protein Engineering, Design and Selection, 2014, 27, 325-330.	1.0	97
106	Structural Characterization of Anti-Inflammatory Immunoglobulin G Fc Proteins. Journal of Molecular Biology, 2014, 426, 3166-3179.	2.0	126
107	Structural Insights on the Role of Antibodies in HIV-1 Vaccine and Therapy. Cell, 2014, 156, 633-648.	13.5	318
108	Antibody 8ANC195 Reveals a Site of Broad Vulnerability on the HIV-1 Envelope Spike. Cell Reports, 2014, 7, 785-795.	2.9	199

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109	Structural Basis for Enhanced HIV-1 Neutralization by a Dimeric Immunoglobulin G Form of the Glycan-Recognizing Antibody 2G12. Cell Reports, 2013, 5, 1443-1455.	2.9	36
110	HIV-1 suppression and durable control by combining single broadly neutralizing antibodies and antiretroviral drugs in humanized mice. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16538-16543.	3.3	247
111	Structural basis for HIV-1 gp120 recognition by a germ-line version of a broadly neutralizing antibody. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6049-6054.	3.3	60
112	Somatic Mutations of the Immunoglobulin Framework Are Generally Required for Broad and Potent HIV-1 Neutralization. Cell, 2013, 153, 126-138.	13.5	478
113	Computational analysis of antiâ€“HIV-1 antibody neutralization panel data to identify potential functional epitope residues. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10598-10603.	3.3	106
114	Phenotypic properties of transmitted founder HIV-1. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6626-6633.	3.3	379
115	Restricting HIV-1 pathways for escape using rationally designed antiâ€“HIV-1 antibodies. Journal of Experimental Medicine, 2013, 210, 1235-1249.	4.2	85
116	Intracellular Trafficking of an Antibody Bipolar Bridged Complex of HSVâ€1 gEâ€gI, IgG, and a Viral Antigen. FASEB Journal, 2013, 27, 767.3.	0.2	0
117	Structural basis for germ-line gene usage of a potent class of antibodies targeting the CD4-binding site of HIV-1 gp120. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2083-90.	3.3	212
118	Single-Chain Fv-Based Anti-HIV Proteins: Potential and Limitations. Journal of Virology, 2012, 86, 195-202.	1.5	29
119	A mouse model for HIV-1 entry. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15859-15864.	3.3	75
120	Complex-type N -glycan recognition by potent broadly neutralizing HIV antibodies. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E3268-77.	3.3	505
121	Electron tomography of late stages of FcRn-mediated antibody transcytosis in neonatal rat small intestine. Molecular Biology of the Cell, 2012, 23, 2537-2545.	0.9	27
122	HIV therapy by a combination of broadly neutralizing antibodies in humanized mice. Nature, 2012, 492, 118-122.	13.7	463
123	A Model System to Investigate Antibody Bipolar Bridging Mediated by gEâ€gI, a Herpes Virus Fc Receptor. FASEB Journal, 2012, 26, 605.8.	0.2	0
124	Crystal structure of a hemojuvelin-binding fragment of neogenin at 1.8Ã.... Journal of Structural Biology, 2011, 174, 239-244.	1.3	12
125	Sequence and Structural Convergence of Broad and Potent HIV Antibodies That Mimic CD4 Binding. Science, 2011, 333, 1633-1637.	6.0	1,046
126	Structure of FcRY, an avian immunoglobulin receptor related to mammalian mannose receptors, and its complex with IgY. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12431-12436.	3.3	36

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127	Intracellular neutralization of viral infection in polarized epithelial cells by neonatal Fc receptor (FcRn)-mediated IgG transport. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18406-18411.	3.3	70
128	Designed oligomers of cyanovirin-N show enhanced HIV neutralization. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14079-14084.	3.3	38
129	Increasing the Potency and Breadth of an HIV Antibody by Using Structure-Based Rational Design. Science, 2011, 334, 1289-1293.	6.0	345
130	An intracellular traffic jam: Fc receptor-mediated transport of immunoglobulin G. Current Opinion in Structural Biology, 2010, 20, 226-233.	2.6	37
131	Comparison of FcRnâ€•and pIgRâ€Mediated Transport in MDCK Cells by Fluorescence Confocal Microscopy. Traffic, 2010, 11, 1205-1220.	1.3	28
132	Structure of a clade C HIV-1 gp120 bound to CD4 and CD4-induced antibody reveals anti-CD4 polyreactivity. Nature Structural and Molecular Biology, 2010, 17, 608-613.	3.6	92
133	Few and Far Between: How HIV May Be Evading Antibody Avidity. PLoS Pathogens, 2010, 6, e1000908.	2.1	226
134	Evaluation of CD4-CD4i Antibody Architectures Yields Potent, Broadly Cross-Reactive Anti-Human Immunodeficiency Virus Reagents. Journal of Virology, 2010, 84, 261-269.	1.5	34
135	Binding and uptake of H-ferritin are mediated by human transferrin receptor-1. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3505-3510.	3.3	409
136	Dimeric 2G12 as a Potent Protection against HIV-1. PLoS Pathogens, 2010, 6, e1001225.	2.1	35
137	A dimeric form of the HIV-1 antibody 2G12 elicits potent antibody-dependent cellular cytotoxicity. Aids, 2010, 24, 1633-1640.	1.0	30
138	Examination of the contributions of size and avidity to the neutralization mechanisms of the anti-HIV antibodies b12 and 4E10. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7385-7390.	3.3	146
139	Design and Expression of a Dimeric Form of Human Immunodeficiency Virus Type 1 Antibody 2G12 with Increased Neutralization Potency. Journal of Virology, 2009, 83, 98-104.	1.5	49
140	Cryo-Electron Tomography of Homophilic Adhesion Mediated by the Neural Cell Adhesion Molecule L1. Structure, 2009, 17, 460-471.	1.6	47
141	Crystal structure of TNFÎ± complexed with a poxvirus MHC-related TNF binding protein. Nature Structural and Molecular Biology, 2009, 16, 1189-1191.	3.6	28
142	Investigation of the Biophysical and Cell Biological Properties of Ferroportin, a Multipass Integral Membrane Protein Iron Exporter. Journal of Molecular Biology, 2009, 386, 717-732.	2.0	85
143	Nanogold as a Specific Marker for Electron Cryotomography. Microscopy and Microanalysis, 2009, 15, 183-188.	0.2	9
144	FcRn-mediated antibody transport across epithelial cells revealed by electron tomography. Nature, 2008, 455, 542-546.	13.7	150

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145	Silver enhancement of Nanogold particles during freeze substitution for electron microscopy. Journal of Microscopy, 2008, 230, 263-267.	0.8	17
146	The Crystal Structure of CHIR-AB1: A Primordial Avian Classical Fc Receptor. Journal of Molecular Biology, 2008, 381, 1012-1024.	2.0	30
147	The Transferrin Receptor Modulates Hfe-Dependent Regulation of Hepcidin Expression. Cell Metabolism, 2008, 7, 205-214.	7.2	315
148	Neogenin Interacts with Hemojuvelin through Its Two Membrane-Proximal Fibronectin Type III Domains. Biochemistry, 2008, 47, 4237-4245.	1.2	52
149	The Chicken Yolk Sac IgY Receptor, a Mammalian Mannose Receptor Family Member, Transcytoses IgY across Polarized Epithelial Cells. Molecular Biology of the Cell, 2008, 19, 1587-1593.	0.9	56
150	The Human Cytomegalovirus Fc Receptor gp68 Binds the Fc C_H2-C_H3 Interface of Immunoglobulin G. Journal of Virology, 2008, 82, 3490-3499.	1.5	47
151	Structure of UL18, a peptide-binding viral MHC mimic, bound to a host inhibitory receptor. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10095-10100.	3.3	80
152	Neogenin-mediated Hemojuvelin Shedding Occurs after Hemojuvelin Traffics to the Plasma Membrane. Journal of Biological Chemistry, 2008, 283, 17494-17502.	1.6	39
153	A freeze substitution fixation-based gold enlarging technique for EM studies of endocytosed Nanogold-labeled molecules. Journal of Structural Biology, 2007, 160, 103-113.	1.3	31
154	The structure of a polyQâ€“anti-polyQ complex reveals binding according to a linear lattice model. Nature Structural and Molecular Biology, 2007, 14, 381-387.	3.6	63
155	Zn-Î±2-glycoprotein, an MHC Class I-Related Glycoprotein Regulator of Adipose Tissues:â€‰ Modification or Abrogation of Ligand Binding by Site-Directed Mutagenesis. Biochemistry, 2006, 45, 2035-2041.	1.2	33
156	Crystal Structure of the HSV-1 Fc Receptor Bound to Fc Reveals a Mechanism for Antibody Bipolar Bridging. PLoS Biology, 2006, 4, e148.	2.6	75
157	Ligand Valency Affects Transcytosis, Recycling and Intracellular Trafficking Mediated by the Neonatal Fc Receptor. Traffic, 2006, 7, 1127-1142.	1.3	75
158	Finding the groove. Nature Immunology, 2006, 7, 787-789.	7.0	5
159	MHC homologs in the nervous system â€” they havenâ€™t lost their groove. Current Opinion in Neurobiology, 2006, 16, 351-357.	2.0	26
160	FcRn mediates elongated serum half-life of human IgG in cattle. International Immunology, 2006, 18, 525-536.	1.8	56
161	Structural Insights into Antibody-Mediated Mucosal Immunity. , 2006, 308, 173-204.		18
162	Composition of pH-Sensitive Triad in C-Lobe of Human Serum Transferrin. Comparison to Sequences of Ovotransferrin and Lactoferrin Provides Insight into Functional Differences in Iron Releaseâ€. Biochemistry, 2005, 44, 15451-15460.	1.2	31

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163	The Molecular Mechanism for Receptor-Stimulated Iron Release from the Plasma Iron Transport Protein Transferrin. Structure, 2005, 13, 1613-1623.	1.6	46
164	Structure of a Pheromone Receptor-Associated MHC Molecule with an Open and Empty Groove. PLoS Biology, 2005, 3, e257.	2.6	43
165	Interaction of Hemojuvelin with Neogenin Results in Iron Accumulation in Human Embryonic Kidney 293 Cells. Journal of Biological Chemistry, 2005, 280, 33885-33894.	1.6	125
166	Crystal structure of prostate-specific membrane antigen, a tumor marker and peptidase. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5981-5986.	3.3	248
167	Crystal Structure of a Secreted Insect Ferritin Reveals a Symmetrical Arrangement of Heavy and Light Chains. Journal of Molecular Biology, 2005, 349, 558-569.	2.0	86
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