Hidde L Ploegh

List of Publications by Year
in descending order

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520 papers	60,866 citations	668 122 h-index	1424 221 g-index
543 all docs	543 docs citations	543 times ranked	54908 citing authors

#	Article	IF	Citations
1	Protein visualization and manipulation in Drosophila through the use of epitope tags recognized by nanobodies. ELife, 2022, 11, .	6.0	22
2	An adjuvant strategy enabled by modulation of the physical properties of microbial ligands expands antigen immunogenicity. Cell, 2022, 185, 614-629.e21.	28.9	40
3	A guide to antigen processing and presentation. Nature Reviews Immunology, 2022, 22, 751-764.	22.7	195
4	Nanobodies in cancer. Seminars in Immunology, 2021, 52, 101425.	5.6	43
5	Nanobodies asin vivo, non-invasive, imaging agents. RSC Chemical Biology, 2021, 2, 685-701.	4.1	20
6	HIV-infected macrophages resist efficient NK cell-mediated killing while preserving inflammatory cytokine responses. Cell Host and Microbe, 2021, 29, 435-447.e9.	11.0	32
7	Hydrogel-Based Stamping Technology for Solution-Free Blood Cell Staining. ACS Applied Materials & Interfaces, 2021, 13, 22124-22130.	8.0	8
8	Induction of antigen-specific tolerance by nanobodyâ€“antigen adducts that target class-II major histocompatibility complexes. Nature Biomedical Engineering, 2021, 5, 1389-1401.	22.5	26
9	Notch4 signaling limits regulatory T-cell-mediated tissue repair and promotes severe lung inflammation in viral infections. Immunity, 2021, 54, 1186-1199.e7.	14.3	71
10	Asparaginyl Ligase-Catalyzed One-Step Cell Surface Modification of Red Blood Cells. ACS Chemical Biology, 2021, 16, 1201-1207.	3.4	17
11	Selective targeting of ligand-dependent and -independent signaling by GPCR conformation-specific anti-US28 intrabodies. Nature Communications, 2021, 12, 4357.	12.8	18
12	ERAD components Derlin-1 and Derlin-2 are essential for postnatal brain development and motor function. IScience, 2021, 24, 102758.	4.1	11
13	An in vivo selection-derived <scp>d</scp> -peptide for engineering erythrocyte-binding antigens that promote immune tolerance. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	6
14	Converting an Anti-Mouse CD4 Monoclonal Antibody into an scFv Positron Emission Tomography Imaging Agent for Longitudinal Monitoring of CD4+ T Cells. Journal of Immunology, 2021, 207, 1468-1477.	0.8	10
15	A giant ubiquitin ligase. Nature Chemical Biology, 2021, 17, 1014-1015.	8.0	0
16	Deletion of mFICD AMPylase alters cytokine secretion and affects visual short-term learning inÂvivo. Journal of Biological Chemistry, 2021, 297, 100991.	3.4	10
17	Activation of a G protein-coupled receptor through indirect antibody-mediated tethering of ligands. RSC Chemical Biology, 2021, 2, 1692-1700.	4.1	13
18	Altered ISGylation drives aberrant macrophage-dependent immune responses during SARS-CoV-2 infection. Nature Immunology, 2021, 22, 1416-1427.	14.5	84

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19	A class II MHC-targeted vaccine elicits immunity against SARS-CoV-2 and its variants. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	22
20	Engineered red blood cells carrying PCSK9 inhibitors persistently lower LDL and prevent obesity. PLoS ONE, 2021, 16, e0259353.	2.5	1
21	Noninvasive Immuno-PET Imaging of CD8+ T Cell Behavior in Influenza A Virus-Infected Mice. Frontiers in Immunology, 2021, 12, 777739.	4.8	8
22	Antigen discovery tools for adaptive immune receptor repertoire research. Current Opinion in Systems Biology, 2020, 24, 64-70.	2.6	5
23	Huib Ovaa (1973â€“2020). Cell Chemical Biology, 2020, 27, 645-646.	5.2	1
24	Turnip yellow mosaic virus protease binds ubiquitin suboptimally to fine-tune its deubiquitinase activity. Journal of Biological Chemistry, 2020, 295, 13769-13783.	3.4	8
25	Trained Immunity-Promoting Nanobiologic Therapy Suppresses Tumor Growth and Potentiates Checkpoint Inhibition. Cell, 2020, 183, 786-801.e19.	28.9	101
26	Exploring cellular biochemistry with nanobodies. Journal of Biological Chemistry, 2020, 295, 15307-15327.	3.4	65
27	Display of Native Antigen on cDC1 That Have Spatial Access to Both T and B Cells Underlies Efficient Humoral Vaccination. Journal of Immunology, 2020, 205, 1842-1856.	0.8	20
28	In vivo detection of antigen-specific CD8+ T cells by immuno-positron emission tomography. Nature Methods, 2020, 17, 1025-1032.	19.0	34
29	A nanobody suite for yeast scaffold nucleoporins provides details of the nuclear pore complex structure. Nature Communications, 2020, 11, 6179.	12.8	12
30	Neoleukin-2 enhances anti-tumour immunity downstream of peptide vaccination targeted by an anti-MHC class II VHH. Open Biology, 2020, 10, 190235.	3.6	11
31	Improved GPCR ligands from nanobody tethering. Nature Communications, 2020, 11, 2087.	12.8	42
32	Improved Antitumor Efficacy of Chimeric Antigen Receptor T Cells that Secrete Single-Domain Antibody Fragments. Cancer Immunology Research, 2020, 8, 518-529.	3.4	54
33	623â€…Immuno-STATs: Leveraging protein engineering to expand and track antigen-specific T cells in vivo. , 2020, , .		0
34	Immune Tolerance by Red Cells. Blood, 2020, 136, SCI4-SCI4.	1.4	0
35	Preparation of bispecific antibody-protein adducts by site-specific chemo-enzymatic conjugation. Methods, 2019, 154, 93-101.	3.8	17
36	Immuno-PET identifies the myeloid compartment as a key contributor to the outcome of the antitumor response under PD-1 blockade. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16971-16980.	7.1	92

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37	Recognition of Class II MHC Peptide Ligands That Contain Î²-Amino Acids. Journal of Immunology, 2019, 203, 1619-1628.	0.8	7
38	CD82 controls CpGâ€dependent TLR9 signaling. FASEB Journal, 2019, 33, 12500-12514.	0.5	16
39	Internalization of Influenza Virus and Cell Surface Proteins Monitored by Site-Specific Conjugation of Protease-Sensitive Probes. ACS Chemical Biology, 2019, 14, 1836-1844.	3.4	14
40	A nanobody that recognizes a 14-residue peptide epitope in the E2 ubiquitin-conjugating enzyme UBC6e modulates its activity. Molecular Immunology, 2019, 114, 513-523.	2.2	36
41	Site-Specific Sequential Protein Labeling Catalyzed by a Single Recombinant Ligase. Journal of the American Chemical Society, 2019, 141, 17388-17393.	13.7	65
42	Noninvasive imaging of tumor progression, metastasis, and fibrosis using a nanobody targeting the extracellular matrix. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14181-14190.	7.1	114
43	Remodeling of the Tumor Microenvironment by a Chemokine/Anti-PD-L1 Nanobody Fusion Protein. Molecular Pharmaceutics, 2019, 16, 2838-2844.	4.6	20
44	Nanobody-based CAR T cells that target the tumor microenvironment inhibit the growth of solid tumors in immunocompetent mice. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7624-7631.	7.1	205
45	Targeting small molecule drugs to T cells with antibody-directed cell-penetrating gold nanoparticles. Biomaterials Science, 2019, 7, 113-124.	5.4	67
46	Targeting Cytokine Therapy to the Pancreatic Tumor Microenvironment Using PD-L1â€“Specific VHHs. Cancer Immunology Research, 2018, 6, 389-401.	3.4	68
47	Phosphorylation of IRE1 at S729 regulates RIDD in B cells and antibody production after immunization. Journal of Cell Biology, 2018, 217, 1739-1755.	5.2	46
48	Exploiting Nanobodiesâ€™ Singular Traits. Annual Review of Immunology, 2018, 36, 695-715.	21.8	179
49	The systemic response to surgery triggers the outgrowth of distant immune-controlled tumors in mouse models of dormancy. Science Translational Medicine, 2018, 10, .	12.4	301
50	Antiâ€“CTLA-4 therapy requires an Fc domain for efficacy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3912-3917.	7.1	121
51	Podocytes exhibit a specialized protein quality control employing derlin-2 in kidney disease. American Journal of Physiology - Renal Physiology, 2018, 314, F471-F482.	2.7	11
52	Nanobody immunostaining for correlated light and electron microscopy with preservation of ultrastructure. Nature Methods, 2018, 15, 1029-1032.	19.0	82
53	Targeted Delivery of Cyclotides via Conjugation to a Nanobody. ACS Chemical Biology, 2018, 13, 2973-2980.	3.4	13
54	Galectin-3 Regulates Î³-Herpesvirus Specific CD8ÂT Cell Immunity. IScience, 2018, 9, 101-119.	4.1	25

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55	One-Pot Dual Labeling of IgG 1 and Preparation of C-to-C Fusion Proteins Through a Combination of Sortase A and Butelase 1. Bioconjugate Chemistry, 2018, 29, 3245-3249.	3.6	72
56	Nanobodyâ€“Antigen Conjugates Elicit HPV-Specific Antitumor Immune Responses. Cancer Immunology Research, 2018, 6, 870-880.	3.4	20
57	Chaperone AMPylation modulates aggregation and toxicity of neurodegenerative disease-associated polypeptides. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5008-E5017.	7.1	31
58	Obituary Johannes J. ("Jon") van Rood. Current Opinion in Immunology, 2018, 50, iv.	5.5	0
59	Sortase A: A Model for Transpeptidation and Its Biological Applications. Annual Review of Cell and Developmental Biology, 2018, 34, 163-188.	9.4	95
60	Viral GPCR US28 can signal in response to chemokine agonists of nearly unlimited structural degeneracy. ELife, 2018, 7, .	6.0	41
61	Hepta-Mutant Staphylococcus aureus Sortase A (SrtA_{7m}) as a Tool for in Vivo Protein Labeling in Caenorhabditis elegans. ACS Chemical Biology, 2017, 12, 664-673.	3.4	47
62	Cocapture of cognate and bystander antigens can activate autoreactive B cells. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 734-739.	7.1	54
63	Enhanced Cell Capture on Functionalized Graphene Oxide Nanosheets through Oxygen Clustering. ACS Nano, 2017, 11, 1548-1558.	14.6	52
64	Noninvasive Imaging of Human Immune Responses in a Human Xenograft Model of Graft-Versus-Host Disease. Journal of Nuclear Medicine, 2017, 58, 1003-1008.	5.0	46
65	Engineered erythrocytes covalently linked to antigenic peptides can protect against autoimmune disease. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3157-3162.	7.1	120
66	Vesicular stomatitis virus N proteinâ€specific singleâ€domain antibody fragments inhibit replication. EMBO Reports, 2017, 18, 1027-1037.	4.5	22
67	rAMPing Up Stress Signaling: Protein AMPylation in Metazoans. Trends in Cell Biology, 2017, 27, 608-620.	7.9	19
68	Epithelial-to-Mesenchymal Transition Contributes to Immunosuppression in Breast Carcinomas. Cancer Research, 2017, 77, 3982-3989.	0.9	294
69	Targeted antigen delivery by an anti-class II MHC VHH elicits focused Î±MUC1(Tn) immunity. Chemical Science, 2017, 8, 5591-5597.	7.4	28
70	Monoclonal Invariant NKT (iNKT) Cell Mice Reveal a Role for Both Tissue of Origin and the TCR in Development of iNKT Functional Subsets. Journal of Immunology, 2017, 199, 159-171.	0.8	30
71	Unrestrained AMPylation targets cytosolic chaperones and activates the heat shock response. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E152-E160.	7.1	37
72	PD-L1 is an activation-independent marker of brown adipocytes. Nature Communications, 2017, 8, 647.	12.8	97

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73	Localized CD47 blockade enhances immunotherapy for murine melanoma. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10184-10189.	7.1	103
74	Siteâ€Specific Protein Labeling via Sortaseâ€Mediated Transpeptidation. Current Protocols in Protein Science, 2017, 89, 15.3.1-15.3.19.	2.8	40
75	Predicting the response to CTLA-4 blockade by longitudinal noninvasive monitoring of CD8 T cells. Journal of Experimental Medicine, 2017, 214, 2243-2255.	8.5	187
76	Editorial: Crystal death: it's not always the inflammasomeâ€¦. Journal of Leukocyte Biology, 2017, 102, 1-4.	3.3	6
77	Rapid capture and labeling of cells on single domain antibodies-functionalized flow cell. Biosensors and Bioelectronics, 2017, 89, 789-794.	10.1	6
78	The activity of myeloid cell-specific VHH immunotoxins is target-, epitope-, subset- and organ dependent. Scientific Reports, 2017, 7, 17916.	3.3	17
79	Machinery that guides immunity. Nature, 2017, 551, 442-443.	27.8	0
80	In vitro AMPylation Assays Using Purified, Recombinant Proteins. Bio-protocol, 2017, 7, .	0.4	2
81	The Caenorhabditis elegans Protein FIC-1 Is an AMPylase That Covalently Modifies Heat-Shock 70 Family Proteins, Translation Elongation Factors and Histones. PLoS Genetics, 2016, 12, e1006023.	3.5	45
82	Enzymeâ€Mediated Modification of Singleâ€Domain Antibodies for Imaging Modalities with Different Characteristics. Angewandte Chemie - International Edition, 2016, 55, 528-533.	13.8	42
83	Structurally Defined Î±MHCâ€II Nanobodyâ€“Drug Conjugates: A Therapeutic and Imaging System for Bâ€Cell Lymphoma. Angewandte Chemie, 2016, 128, 2462-2466.	2.0	4
84	Dendrimer-RNA nanoparticles generate protective immunity against lethal Ebola, H1N1 influenza, and Toxoplasma gondii challenges with a single dose. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4133-42.	7.1	320
85	The Antiviral Mechanism of an Influenza A Virus Nucleoprotein-Specific Single-Domain Antibody Fragment. MBio, 2016, 7, .	4.1	28
86	Molecular basis of caspase-1 polymerization and its inhibition by a new capping mechanism. Nature Structural and Molecular Biology, 2016, 23, 416-425.	8.2	135
87	Durable antitumor responses to CD47 blockade require adaptive immune stimulation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2646-54.	7.1	272
88	A single domain antibody fragment that recognizes the adaptor ASC defines the role of ASC domains in inflammasome assembly. Journal of Experimental Medicine, 2016, 213, 771-790.	8.5	145
89	Thymic CD4 T cell selection requires attenuation of March8-mediated MHCII turnover in cortical epithelial cells through CD83. Journal of Experimental Medicine, 2016, 213, 1685-1694.	8.5	72
90	Posttranscriptional Regulation of Glycoprotein Quality Control in the Endoplasmic Reticulum Is Controlled by the E2ÂUb-Conjugating Enzyme UBC6e. Molecular Cell, 2016, 63, 753-767.	9.7	35

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91	Transnuclear CD 8 T cells specific for the immunodominant epitope Gra6 lower acuteâ€phase Toxoplasma gondii burden. Immunology, 2016, 149, 270-279.	4.4	9
92	Generation of Immunity against Pathogens via Single-Domain Antibodyâ€“Antigen Constructs. Journal of Immunology, 2016, 197, 4838-4847.	0.8	51
93	Crystal Structure and Conformational Change Mechanism of a Bacterial Nramp-Family Divalent Metal Transporter. Structure, 2016, 24, 2102-2114.	3.3	56
94	Phenotypic lentivirus screens to identify functional single domain antibodies. Nature Microbiology, 2016, 1, 16080.	13.3	46
95	Tissue-specific emergence of regulatory and intraepithelial T cells from a clonal T cell precursor. Science Immunology, 2016, 1, eaaf7471.	11.9	45
96	Peripheral self-reactivity regulates antigen-specific CD8 T-cell responses and cell division under physiological conditions. Open Biology, 2016, 6, 160293.	3.6	7
97	Structurally Defined Î±MHCâ€I Nanobodyâ€“Drug Conjugates: A Therapeutic and Imaging System for Bâ€Cell Lymphoma. Angewandte Chemie - International Edition, 2016, 55, 2416-2420.	13.8	74
98	Recent advances in sortase-catalyzed ligation methodology. Current Opinion in Structural Biology, 2016, 38, 111-118.	5.7	127
99	Longitudinal multiparameter assay of lymphocyte interactions from onset by microfluidic cell pairing and culture. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3599-608.	7.1	78
100	Usp12 stabilizes the T-cell receptor complex at the cell surface during signaling. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E705-14.	7.1	41
101	Crystal structure of a substrate-engaged SecY protein-translocation channel. Nature, 2016, 531, 395-399.	27.8	159
102	Imaging Human Immune Cell Infiltration in a Xenograft Graft-Versus-Host Disease Model. Blood, 2016, 128, 5720-5720.	1.4	0
103	Graphene Oxide Nanosheets Modified with Singleâ€Domain Antibodies for Rapid and Efficient Capture of Cells. Chemistry - A European Journal, 2015, 21, 17178-17183.	3.3	22
104	Fluorophoreâ€Conjugated Holliday Junctions for Generating Superâ€Bright Antibodies and Antibody Fragments. Angewandte Chemie - International Edition, 2015, 54, 11706-11710.	13.8	28
105	Site-specific protein modification using immobilized sortase in batch and continuous-flow systems. Nature Protocols, 2015, 10, 508-516.	12.0	61
106	Use of ¹⁸F-2-Fluorodeoxyglucose to Label Antibody Fragments for Immuno-Positron Emission Tomography of Pancreatic Cancer. ACS Central Science, 2015, 1, 142-147.	11.3	85
107	Intracellular Expression of Camelid Single-Domain Antibodies Specific for Influenza Virus Nucleoprotein Uncovers Distinct Features of Its Nuclear Localization. Journal of Virology, 2015, 89, 2792-2800.	3.4	57
108	Evasion of Innate Cytosolic DNA Sensing by a Gammaherpesvirus Facilitates Establishment of Latent Infection. Journal of Immunology, 2015, 194, 1819-1831.	0.8	88

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109	tRNA thiolation links translation to stress responses in Saccharomyces cerevisiae. Molecular Biology of the Cell, 2015, 26, 270-282.	2.1	61
110	Structural basis for chemokine recognition and activation of a viral G proteinâ€“coupled receptor. Science, 2015, 347, 1113-1117.	12.6	261
111	A new TLR2 agonist promotes cross-presentation by mouse and human antigen presenting cells. Human Vaccines and Immunotherapeutics, 2015, 11, 2038-2050.	3.3	24
112	Toxoplasma gondii Superinfection and Virulence during Secondary Infection Correlate with the ExactROP5/ROP18Allelic Combination. MBio, 2015, 6, e02280.	4.1	78
113	Noninvasive imaging of immune responses. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6146-6151.	7.1	192
114	Increasing the efficiency of precise genome editing with CRISPR-Cas9 by inhibition of nonhomologous end joining. Nature Biotechnology, 2015, 33, 538-542.	17.5	945
115	HypE-specific Nanobodies as Tools to Modulate HypE-mediated Target AMPylation. Journal of Biological Chemistry, 2015, 290, 9087-9100.	3.4	39
116	Editorial overview: Special section: Immunological engineering. Current Opinion in Immunology, 2015, 35, ix-xi.	5.5	0
117	Allosteric activation of apicomplexan calcium-dependent protein kinases. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4975-84.	7.1	51
118	One-Step Enzymatic Modification of the Cell Surface Redirects Cellular Cytotoxicity and Parasite Tropism. ACS Chemical Biology, 2015, 10, 460-465.	3.4	51
119	CEACAM1 regulates TIM-3-mediated tolerance and exhaustion. Nature, 2015, 517, 386-390.	27.8	525
120	Disruption of Sphingolipid Biosynthesis Blocks Phagocytosis of Candida albicans. PLoS Pathogens, 2015, 11, e1005188.	4.7	55
121	Intestinal Colonization by Candida albicans Alters Inflammatory Responses in Bruton's Tyrosine Kinase-Deficient Mice. PLoS ONE, 2014, 9, e112472.	2.5	13
122	The Chaperone BAG6 Captures Dislocated Glycoproteins in the Cytosol. PLoS ONE, 2014, 9, e90204.	2.5	14
123	Site-Specific Chemoenzymatic Labeling of Aerolysin Enables the Identification of New Aerolysin Receptors. PLoS ONE, 2014, 9, e109883.	2.5	46
124	Protein quality control in the endoplasmic reticulum. F1000prime Reports, 2014, 6, 49.	5.9	16
125	Negative Self-Regulation of TLR9 Signaling by Its N-Terminal Proteolytic Cleavage Product. Journal of Immunology, 2014, 193, 3726-3735.	0.8	19
126	Monovalent engagement of the BCR activates ovalbumin-specific transnuclear B cells. Journal of Experimental Medicine, 2014, 211, 365-379.	8.5	50

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127	Early BCR Events and Antigen Capture, Processing, and Loading on MHC Class II on B Cells. Frontiers in Immunology, 2014, 5, 92.	4.8	94
128	A catalytic independent function of the deubiquitinating enzyme USP14 regulates hippocampal synaptic shortâ€term plasticity and vesicle number. Journal of Physiology, 2014, 592, 571-586.	2.9	37
129	A Mouse Monoclonal Antibody Against Alexa Fluor 647. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2014, 33, 109-120.	1.6	0
130	Herman Eisen (1918â€“2014). Nature, 2014, 516, 38-38.	27.8	0
131	The E2 Ubiquitin-conjugating Enzyme UBE2J1 Is Required for Spermiogenesis in Mice. Journal of Biological Chemistry, 2014, 289, 34490-34502.	3.4	44
132	Epithelial-to-Mesenchymal Transition Activates PERKâ€“eIF2Î± and Sensitizes Cells to Endoplasmic Reticulum Stress. Cancer Discovery, 2014, 4, 702-715.	9.4	250
133	In vivo discovery of immunotherapy targets in the tumour microenvironment. Nature, 2014, 506, 52-57.	27.8	197
134	Bispecific antibody generated with sortase and click chemistry has broad antiinfluenza virus activity. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16820-16825.	7.1	74
135	Engineered red blood cells as carriers for systemic delivery of a wide array of functional probes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10131-10136.	7.1	168
136	B-Cell Receptor Signaling in Lymphoid Malignancies and Autoimmunity. Advances in Immunology, 2014, 123, 1-49.	2.2	36
137	Genome-Scale CRISPR-Mediated Control of Gene Repression and Activation. Cell, 2014, 159, 647-661.	28.9	2,176
138	The Protein Synthesis Inhibitor Blasticidin S Enters Mammalian Cells via Leucine-rich Repeat-containing Protein 8D. Journal of Biological Chemistry, 2014, 289, 17124-17131.	3.4	67
139	GPR107, a G-protein-coupled Receptor Essential for Intoxication by Pseudomonas aeruginosa Exotoxin A, Localizes to the Golgi and Is Cleaved by Furin. Journal of Biological Chemistry, 2014, 289, 24005-24018.	3.4	54
140	Free IL-12p40 Monomer Is a Polyfunctional Adaptor for Generating Novel IL-12â€“like Heterodimers Extracellularly. Journal of Immunology, 2014, 192, 6028-6036.	0.8	42
141	Secretion of Circular Proteins Using Sortase. Methods in Molecular Biology, 2014, 1174, 73-83.	0.9	3
142	How lamina-associated polypeptide 1 (LAP1) activates Torsin. ELife, 2014, 3, e03239.	6.0	92
143	Quantitative Analysis of Cellular Diacylglycerol Content. Bio-protocol, 2014, 4, .	0.4	0
144	Protein quality control in the endoplasmic reticulum (472.3). FASEB Journal, 2014, 28, 472.3.	0.5	0

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145	Site-specific C-terminal and internal loop labeling of proteins using sortase-mediated reactions. Nature Protocols, 2013, 8, 1787-1799.	12.0	291
146	Production of unnaturally linked chimeric proteins using a combination of sortase-catalyzed transpeptidation and click chemistry. Nature Protocols, 2013, 8, 1808-1819.	12.0	67
147	Site-specific N-terminal labeling of proteins using sortase-mediated reactions. Nature Protocols, 2013, 8, 1800-1807.	12.0	215
148	Acidic Amino Acid Residues in the Juxtamembrane Region of the Nucleotide-Sensing TLRs Are Important for UNC93B1 Binding and Signaling. Journal of Immunology, 2013, 190, 5287-5295.	0.8	34
149	Antigen-specific B-cell receptor sensitizes B cells to infection by influenza virus. Nature, 2013, 503, 406-409.	27.8	66
150	Type I Interferon Imposes a TSG101/ISG15 Checkpoint at the Golgi for Glycoprotein Trafficking during Influenza Virus Infection. Cell Host and Microbe, 2013, 14, 510-521.	11.0	51
151	A CREB3â€“ARF4 signalling pathway mediates the response to Golgi stress and susceptibility to pathogens. Nature Cell Biology, 2013, 15, 1473-1485.	10.3	135
152	PIKfyve, a Class III PI Kinase, Is the Target of the Small Molecular IL-12/IL-23 Inhibitor Apilimod and a Player in Toll-like Receptor Signaling. Chemistry and Biology, 2013, 20, 912-921.	6.0	165
153	Monovalent and Multivalent Ligation of the B Cell Receptor Exhibit Differential Dependence upon Syk and Src Family Kinases. Science Signaling, 2013, 6, ra1.	3.6	73
154	Sortase-mediated modification of Î±DEC205 affords optimization of antigen presentation and immunization against a set of viral epitopes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1428-1433.	7.1	86
155	Orthogonal Labeling of M13 Minor Capsid Proteins with DNA to Self-Assemble End-to-End Multiphage Structures. ACS Synthetic Biology, 2013, 2, 490-496.	3.8	45
156	Stochastic Cytokine Expression Induces Mixed T Helper Cell States. PLoS Biology, 2013, 11, e1001618.	5.6	56
157	Bruton's Tyrosine Kinase (BTK) and Vav1 Contribute to Dectin1-Dependent Phagocytosis of Candida albicans in Macrophages. PLoS Pathogens, 2013, 9, e1003446.	4.7	77
158	Amino Acid Copolymers That Alleviate Experimental Autoimmune Encephalomyelitis In Vivo Interact with Heparan Sulfates and Glycoprotein 96 in APCs. Journal of Immunology, 2013, 191, 208-216.	0.8	8
159	Transnuclear TRP1-Specific CD8 T Cells with High or Low Affinity TCRs Show Equivalent Antitumor Activity. Cancer Immunology Research, 2013, 1, 99-111.	3.4	45
160	Intact sphingomyelin biosynthetic pathway is essential for intracellular transport of influenza virus glycoproteins. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6406-6411.	7.1	55
161	Intercellular trafficking of the nuclear oncoprotein DEK. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6847-6852.	7.1	47
162	Optimized fluorescent labeling to identify memory B cells specific for Neisseria meningitidis serogroup B vaccine antigens ex vivo. Immunity, Inflammation and Disease, 2013, 1, 3-13.	2.7	5

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163	Cell-Specific TLR9 Trafficking in Primary APCs of Transgenic TLR9-GFP Mice. Journal of Immunology, 2013, 190, 695-702.	0.8	42
164	Logic of the Immune System. Cancer Immunology Research, 2013, 1, 5-10.	3.4	5
165	Sialylneolacto-N-tetraose c (LSTc)-bearing Liposomal Decoys Capture Influenza A Virus. Journal of Biological Chemistry, 2013, 288, 8061-8073.	3.4	72
166	A catalytically inactive mutant of the deubiquitylase YOD-1 enhances antigen cross-presentation. Blood, 2013, 121, 1145-1156.	1.4	27
167	Catchâ€andâ€Release Probes Applied to Semiâ€Intact Cells Reveal Ubiquitinâ€Specific Protease Expression in Chlamydia trachomatis Infection. ChemBioChem, 2013, 14, 343-352.	2.6	34
168	A Reporter Screen in a Human Haploid Cell Line Identifies CYLD as a Constitutive Inhibitor of NF-ÎºB. PLoS ONE, 2013, 8, e70339.	2.5	34
169	Ubiquitin-specific Peptidases 14 and 6. , 2013, , 2086-2089.		0
170	ElaD Peptidase (Escherichia coli). , 2013, , 2392-2396.		0
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