

Matthew P Delisa

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

139
papers

5,717
citations

43
h-index

72
g-index

160
ext. papers

6,636
ext. citations

6.9
avg, IF

5.7
L-index

#	Paper	IF	Citations
139	Two-Tiered Selection and Screening Strategy to Increase Functional Enzyme Production in <i>E. coli</i> . <i>Methods in Molecular Biology</i> , 2022 , 2406, 169-187	1.4	
138	Interplay of Carbohydrate and Carrier in Antibacterial Glycoconjugate Vaccines. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2021 , 175, 355-378	1.7	2
137	Bacterial Glycoengineering as a Biosynthetic Route to Customized Glycomolecules. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2021 , 175, 167-200	1.7	4
136	Engineering a Supersecreting Strain of by Directed Coevolution of the Multiprotein Tat Translocation Machinery. <i>ACS Synthetic Biology</i> , 2021 , 10, 2947-2958	5.7	1
135	Improving cell-free glycoprotein synthesis by characterizing and enriching native membrane vesicles. <i>Nature Communications</i> , 2021 , 12, 2363	17.4	8
134	Effects of variable domain orientation on anti-HER2 single-chain variable fragment antibody expressed in the <i>Escherichia coli</i> cytoplasm. <i>Biotechnology Progress</i> , 2021 , 37, e3102	2.8	3
133	Structural basis for peptide substrate specificities of glycosyltransferase GalNAc-T2. <i>ACS Catalysis</i> , 2021 , 11, 2977-2991	13.1	3
132	On-demand biomanufacturing of protective conjugate vaccines. <i>Science Advances</i> , 2021 , 7,	14.3	13
131	Engineering Single Pan-Specific Ubiquibodies for Targeted Degradation of All Forms of Endogenous ERK Protein Kinase. <i>ACS Synthetic Biology</i> , 2021 , 10, 2396-2408	5.7	1
130	Shotgun scanning glycomutagenesis: A simple and efficient strategy for constructing and characterizing neoglycoproteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	1
129	Glycosylation-on-a-Chip: A Flow-Based Microfluidic System for Cell-Free Glycoprotein Biosynthesis.. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 782905	5.6	1
128	Induced fusion and aggregation of bacterial outer membrane vesicles: Experimental and theoretical analysis. <i>Journal of Colloid and Interface Science</i> , 2020 , 578, 522-532	9.3	7
127	Synthetic Glycobiology: Parts, Systems, and Applications. <i>ACS Synthetic Biology</i> , 2020 , 9, 1534-1562	5.7	22
126	Proteome editing using engineered proteins that hijack cellular quality control machinery. <i>AICHE Journal</i> , 2020 , 66, e16854	3.6	1
125	High-Throughput Synthesis and Analysis of Intact Glycoproteins Using SAMDI-MS. <i>Analytical Chemistry</i> , 2020 , 92, 1963-1971	7.8	11
124	Cell-Free Synthetic Glycobiology: Designing and Engineering Glycomolecules Outside of Living Cells. <i>Frontiers in Chemistry</i> , 2020 , 8, 645	5	11
123	Engineering orthogonal human O-linked glycoprotein biosynthesis in bacteria. <i>Nature Chemical Biology</i> , 2020 , 16, 1062-1070	11.7	14

122	Investigation of lipid profile in <i>Acetobacter pasteurianus</i> Ab3 against acetic acid stress during vinegar production. <i>Extremophiles</i> , 2020 , 24, 909-922	3	4
121	Broad-Spectrum Proteome Editing with an Engineered Bacterial Ubiquitin Ligase Mimic. <i>ACS Central Science</i> , 2019 , 5, 852-866	16.8	17
120	Dual Site-Specific Antibody Conjugates for Sequential and Orthogonal Cargo Release. <i>Bioconjugate Chemistry</i> , 2019 , 30, 1702-1710	6.3	20
119	Improving designer glycan production in through model-guided metabolic engineering. <i>Metabolic Engineering Communications</i> , 2019 , 9, e00088	6.5	9
118	A survival selection strategy for engineering synthetic binding proteins that specifically recognize post-translationally phosphorylated proteins. <i>Nature Communications</i> , 2019 , 10, 1830	17.4	6
117	Antibody-Mediated Endocytosis of Polysialic Acid Enables Intracellular Delivery and Cytotoxicity of a Glycan-Directed Antibody-Drug Conjugate. <i>Cancer Research</i> , 2019 , 79, 1810-1821	10.1	11
116	Glyco-recoded <i>Escherichia coli</i> : Recombineering-based genome editing of native polysaccharide biosynthesis gene clusters. <i>Metabolic Engineering</i> , 2019 , 53, 59-68	9.7	21
115	A cell-free biosynthesis platform for modular construction of protein glycosylation pathways. <i>Nature Communications</i> , 2019 , 10, 5404	17.4	50
114	Engineering a new generation of carbohydrate-based vaccines. <i>Current Opinion in Chemical Engineering</i> , 2018 , 19, 77-85	5.4	11
113	A flow cytometric approach to engineering <i>Escherichia coli</i> for improved eukaryotic protein glycosylation. <i>Metabolic Engineering</i> , 2018 , 47, 488-495	9.7	20
112	Immunization with outer membrane vesicles displaying conserved surface polysaccharide antigen elicits broadly antimicrobial antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E3106-E3115	11.5	47
111	Single-pot glycoprotein biosynthesis using a cell-free transcription-translation system enriched with glycosylation machinery. <i>Nature Communications</i> , 2018 , 9, 2686	17.4	98
110	Design and Functional Characterization of Synthetic E3 Ubiquitin Ligases for Targeted Protein Depletion. <i>Current Protocols in Chemical Biology</i> , 2018 , 10, 72-90	1.8	4
109	Design of glycosylation sites by rapid synthesis and analysis of glycosyltransferases. <i>Nature Chemical Biology</i> , 2018 , 14, 627-635	11.7	70
108	A cell-free platform for rapid synthesis and testing of active oligosaccharyltransferases. <i>Biotechnology and Bioengineering</i> , 2018 , 115, 739-750	4.9	48
107	Computational affinity maturation of camelid single-domain intrabodies against the nonamyloid component of alpha-synuclein. <i>Scientific Reports</i> , 2018 , 8, 17611	4.9	22
106	Metabolic engineering of glycoprotein biosynthesis in bacteria. <i>Emerging Topics in Life Sciences</i> , 2018 , 2, 419-432	3.5	9
105	Safe Recombinant Outer Membrane Vesicles that Display M2e Elicit Heterologous Influenza Protection. <i>Molecular Therapy</i> , 2017 , 25, 989-1002	11.7	53

104	An Engineered Survival-Selection Assay for Extracellular Protein Expression Uncovers Hypersecretory Phenotypes in Escherichia coli. <i>ACS Synthetic Biology</i> , 2017 , 6, 875-883	5.7	12
103	Designer outer membrane vesicles as immunomodulatory systems - Reprogramming bacteria for vaccine delivery. <i>Advanced Drug Delivery Reviews</i> , 2017 , 114, 132-142	18.5	71
102	A water-soluble DsbB variant that catalyzes disulfide-bond formation in vivo. <i>Nature Chemical Biology</i> , 2017 , 13, 1022-1028	11.7	11
101	A single dose and long lasting vaccine against pandemic influenza through the controlled release of a heterospecies tandem M2 sequence embedded within detoxified bacterial outer membrane vesicles. <i>Vaccine</i> , 2017 , 35, 5373-5380	4.1	18
100	A library of chemically defined human N-glycans synthesized from microbial oligosaccharide precursors. <i>Scientific Reports</i> , 2017 , 7, 15907	4.9	13
99	A Pipeline for Studying and Engineering Single-Subunit Oligosaccharyltransferases. <i>Methods in Enzymology</i> , 2017 , 597, 55-81	1.7	5
98	A Molecularly Complete Planar Bacterial Outer Membrane Platform. <i>Scientific Reports</i> , 2016 , 6, 32715	4.9	40
97	Outer membrane vesicles displaying engineered glycotopes elicit protective antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E3609-18	11.5	75
96	Immunization with Outer Membrane Vesicles Displaying Designer Glycotopes Yields Class-Switched, Glycan-Specific Antibodies. <i>Cell Chemical Biology</i> , 2016 , 23, 655-65	8.2	32
95	Engineered Protein Machines: Emergent Tools for Synthetic Biology. <i>Cell Chemical Biology</i> , 2016 , 23, 45-56	8.2	13
94	Recombinant M2e outer membrane vesicle vaccines protect against lethal influenza A challenge in BALB/c mice. <i>Vaccine</i> , 2016 , 34, 1252-8	4.1	58
93	Making water-soluble integral membrane proteins in vivo using an amphipathic protein fusion strategy. <i>Nature Communications</i> , 2015 , 6, 6826	17.4	17
92	Characterizing Metal-Dependent Nucleases of CRISPR-Cas Prokaryotic Adaptive Immunity Systems. <i>Methods in Molecular Biology</i> , 2015 , 1311, 265-76	1.4	
91	Efficient expression of full-length antibodies in the cytoplasm of engineered bacteria. <i>Nature Communications</i> , 2015 , 6, 8072	17.4	81
90	Glycoarrays with engineered phages displaying structurally diverse oligosaccharides enable high-throughput detection of glycan-protein interactions. <i>Biotechnology Journal</i> , 2015 , 10, 199-209	5.6	9
89	Substitute sweeteners: diverse bacterial oligosaccharyltransferases with unique N-glycosylation site preferences. <i>Scientific Reports</i> , 2015 , 5, 15237	4.9	31
88	Repurposing a bacterial quality control mechanism to enhance enzyme production in living cells. <i>Journal of Molecular Biology</i> , 2015 , 427, 1451-1463	6.5	8
87	Beyond the cytoplasm of Escherichia coli: localizing recombinant proteins where you want them. <i>Methods in Molecular Biology</i> , 2015 , 1258, 79-97	1.4	3

86	GlycoSNAP: A High-Throughput Screening Methodology for Engineering Designer Glycosylation Enzymes. <i>Methods in Molecular Biology</i> , 2015 , 1321, 37-47	1.4	2
85	Pathogen-like particles: biomimetic vaccine carriers engineered at the nanoscale. <i>Current Opinion in Biotechnology</i> , 2014 , 28, 51-8	11.4	68
84	Ubiquibodies, synthetic E3 ubiquitin ligases endowed with unnatural substrate specificity for targeted protein silencing. <i>Journal of Biological Chemistry</i> , 2014 , 289, 7844-55	5.4	37
83	Microbial biosynthesis of designer outer membrane vesicles. <i>Current Opinion in Biotechnology</i> , 2014 , 29, 76-84	11.4	60
82	Optimizing recombinant antibodies for intracellular function using hitchhiker-mediated survival selection. <i>Protein Engineering, Design and Selection</i> , 2014 , 27, 351-8	1.9	17
81	Creation of artificial cellulosomes on DNA scaffolds by zinc finger protein-guided assembly for efficient cellulose hydrolysis. <i>Chemical Communications</i> , 2014 , 50, 1423-5	5.8	31
80	Universal genetic assay for engineering extracellular protein expression. <i>ACS Synthetic Biology</i> , 2014 , 3, 74-82	5.7	15
79	Engineered oligosaccharyltransferases with greatly relaxed acceptor-site specificity. <i>Nature Chemical Biology</i> , 2014 , 10, 816-22	11.7	45
78	An engineered genetic selection for ternary protein complexes inspired by a natural three-component hitchhiker mechanism. <i>Scientific Reports</i> , 2014 , 4, 7570	4.9	8
77	Positional assembly of enzymes on bacterial outer membrane vesicles for cascade reactions. <i>PLoS ONE</i> , 2014 , 9, e97103	3.7	47
76	Split-Cre recombinase effectively monitors protein-protein interactions in living bacteria. <i>Biotechnology Journal</i> , 2014 , 9, 355-61	5.6	3
75	Mechanistic insight into the TH1-biased immune response to recombinant subunit vaccines delivered by probiotic bacteria-derived outer membrane vesicles. <i>PLoS ONE</i> , 2014 , 9, e112802	3.7	33
74	Engineered genetic selection links in vivo protein folding and stability with asparagine-linked glycosylation. <i>Biotechnology Journal</i> , 2013 , 8, 1445-51	5.6	8
73	Glycans-by-design: engineering bacteria for the biosynthesis of complex glycans and glycoconjugates. <i>Biotechnology and Bioengineering</i> , 2013 , 110, 1550-64	4.9	37
72	Expanding the glycoengineering toolbox: the rise of bacterial N-linked protein glycosylation. <i>Trends in Biotechnology</i> , 2013 , 31, 313-23	15.1	53
71	A microbial sensor for discovering structural probes of protein misfolding and aggregation. <i>Prion</i> , 2013 , 7, 151-6	2.3	6
70	LOW-DOSE RECOMBINANT VACCINE ANTIGEN DELIVERY BY ENGINEERED OUTER MEMBRANE VESICLES. <i>Nano LIFE</i> , 2013 , 03, 1342002	0.9	
69	Directed evolution of <i>Mycobacterium tuberculosis</i> β -lactamase reveals gatekeeper residue that regulates antibiotic resistance and catalytic efficiency. <i>PLoS ONE</i> , 2013 , 8, e73123	3.7	11

68	The ribosomal exit tunnel as a target for optimizing protein expression in Escherichia coli. <i>Biotechnology Journal</i> , 2012 , 7, 354-60	5.6	5
67	The GlycoPhage display system and its applications. <i>New Biotechnology</i> , 2012 , 29, S162	6.4	
66	Twin-arginine translocase mutations that suppress folding quality control and permit export of misfolded substrate proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 13392-7	11.5	26
65	Double-stranded endonuclease activity in Bacillus halodurans clustered regularly interspaced short palindromic repeats (CRISPR)-associated Cas2 protein. <i>Journal of Biological Chemistry</i> , 2012 , 287, 35943-52	5.4	69
64	Engineering antibody fitness and function using membrane-anchored display of correctly folded proteins. <i>Journal of Molecular Biology</i> , 2012 , 416, 94-107	6.5	22
63	An engineered eukaryotic protein glycosylation pathway in Escherichia coli. <i>Nature Chemical Biology</i> , 2012 , 8, 434-6	11.7	171
62	Identifying and optimizing intracellular protein-protein interactions using bacterial genetic selection. <i>Methods in Molecular Biology</i> , 2012 , 813, 125-43	1.4	7
61	Cas5d protein processes pre-crRNA and assembles into a cascade-like interference complex in subtype I-C/Dvulg CRISPR-Cas system. <i>Structure</i> , 2012 , 20, 1574-84	5.2	156
60	A prokaryote-based cell-free translation system that efficiently synthesizes glycoproteins. <i>Glycobiology</i> , 2012 , 22, 596-601	5.8	55
59	DNA-guided assembly of biosynthetic pathways promotes improved catalytic efficiency. <i>Nucleic Acids Research</i> , 2012 , 40, 1879-89	20.1	207
58	Functional reconstitution of a tunable E3-dependent sumoylation pathway in Escherichia coli. <i>PLoS ONE</i> , 2012 , 7, e38671	3.7	9
57	Protein Folding and Solubility: Pathways and High-Throughput Assays 2011 , 121-145		
56	Envelope stress is a trigger of CRISPR RNA-mediated DNA silencing in Escherichia coli. <i>Molecular Microbiology</i> , 2011 , 79, 584-99	4.1	90
55	Production of secretory and extracellular N-linked glycoproteins in Escherichia coli. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 871-81	4.8	93
54	Chlamydia trachomatis secretion of an immunodominant hypothetical protein (CT795) into host cell cytoplasm. <i>Journal of Bacteriology</i> , 2011 , 193, 2498-509	3.5	21
53	LuxS coexpression enhances yields of recombinant proteins in Escherichia coli in part through posttranscriptional control of GroEL. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 2141-52	4.8	16
52	Genetic selection of solubility-enhanced proteins using the twin-arginine translocation system. <i>Methods in Molecular Biology</i> , 2011 , 705, 53-67	1.4	10
51	Secretion of the chlamydial virulence factor CPAF requires the Sec-dependent pathway. <i>Microbiology (United Kingdom)</i> , 2010 , 156, 3031-3040	2.9	43

50	Delivery of foreign antigens by engineered outer membrane vesicle vaccines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 3099-104	11.5	188
49	Kinetics and reaction coordinates of the reassembly of protein fragments via forward flux sampling. <i>Biophysical Journal</i> , 2010 , 98, 1911-20	2.9	7
48	A rapid protein folding assay for the bacterial periplasm. <i>Protein Science</i> , 2010 , 19, 1079-90	6.3	23
47	A filamentous phage display system for N-linked glycoproteins. <i>Protein Science</i> , 2010 , 19, 2006-13	6.3	25
46	Visualizing interactions along the Escherichia coli twin-arginine translocation pathway using protein fragment complementation. <i>PLoS ONE</i> , 2010 , 5, e9225	3.7	33
45	Versatile selection technology for intracellular protein-protein interactions mediated by a unique bacterial hitchhiker transport mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 3692-7	11.5	30
44	Mining mammalian genomes for folding competent proteins using Tat-dependent genetic selection in Escherichia coli. <i>Protein Science</i> , 2009 , 18, 2537-49	6.3	15
43	Discovery of amyloid-beta aggregation inhibitors using an engineered assay for intracellular protein folding and solubility. <i>Protein Science</i> , 2009 , 18, 277-86	6.3	39
42	Site-specific labeling of surface proteins on living cells using genetically encoded peptides that bind fluorescent nanoparticle probes. <i>Bioconjugate Chemistry</i> , 2009 , 20, 1482-9	6.3	10
41	Efficient isolation of soluble intracellular single-chain antibodies using the twin-arginine translocation machinery. <i>Journal of Molecular Biology</i> , 2009 , 385, 299-311	6.5	51
40	Exploration of twin-arginine translocation for expression and purification of correctly folded proteins in Escherichia coli. <i>Microbial Biotechnology</i> , 2008 , 1, 403-15	6.3	25
39	In silico protein fragmentation reveals the importance of critical nuclei on domain reassembly. <i>Biophysical Journal</i> , 2008 , 94, 1575-88	2.9	7
38	Engineered bacterial outer membrane vesicles with enhanced functionality. <i>Journal of Molecular Biology</i> , 2008 , 380, 51-66	6.5	112
37	Following the path of a twin-arginine precursor along the TatABC translocase of Escherichia coli. <i>Journal of Biological Chemistry</i> , 2008 , 283, 33267-75	5.4	59
36	Genetic toggling of alkaline phosphatase folding reveals signal peptides for all major modes of transport across the inner membrane of bacteria. <i>Journal of Biological Chemistry</i> , 2008 , 283, 35223-35	5.4	40
35	Engineering the protein folding landscape in gram-negative bacteria. <i>Current Protein and Peptide Science</i> , 2008 , 9, 138-49	2.8	10
34	Laboratory evolution of fast-folding green fluorescent protein using secretory pathway quality control. <i>PLoS ONE</i> , 2008 , 3, e2351	3.7	51
33	Engineering the spatial organization of metabolic enzymes: mimicking nature's synergy. <i>Current Opinion in Biotechnology</i> , 2008 , 19, 492-9	11.4	265

32	Stochastic reaction-diffusion simulation of enzyme compartmentalization reveals improved catalytic efficiency for a synthetic metabolic pathway. <i>Metabolic Engineering</i> , 2007 , 9, 355-63	9.7	26
31	Pair velocity correlations among swimming Escherichia coli bacteria are determined by force-quadrupole hydrodynamic interactions. <i>Physics of Fluids</i> , 2007 , 19, 061701	4.4	56
30	Export pathway selectivity of Escherichia coli twin arginine translocation signal peptides. <i>Journal of Biological Chemistry</i> , 2007 , 282, 8309-16	5.4	104
29	An essential role for the DnaK molecular chaperone in stabilizing over-expressed substrate proteins of the bacterial twin-arginine translocation pathway. <i>Journal of Molecular Biology</i> , 2007 , 367, 715-30	6.5	42
28	Intracellular ribosome display via SecM translation arrest as a selection for antibodies with enhanced cytosolic stability. <i>Journal of Molecular Biology</i> , 2007 , 372, 513-24	6.5	27
27	Protein translocation through a tunnel induces changes in folding kinetics: a lattice model study. <i>Biotechnology and Bioengineering</i> , 2006 , 94, 105-17	4.9	21
26	Collective bacterial dynamics revealed using a three-dimensional population-scale defocused particle tracking technique. <i>Applied and Environmental Microbiology</i> , 2006 , 72, 4987-94	4.8	103
25	A three-channel microfluidic device for generating static linear gradients and its application to the quantitative analysis of bacterial chemotaxis. <i>Lab on A Chip</i> , 2006 , 6, 381-8	7.2	194
24	Genetic selection for protein solubility enabled by the folding quality control feature of the twin-arginine translocation pathway. <i>Protein Science</i> , 2006 , 15, 449-58	6.3	107
23	Twin-arginine translocation of active human tissue plasminogen activator in Escherichia coli. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 8451-9	4.8	34
22	Identification of a twin-arginine translocation system in Pseudomonas syringae pv. tomato DC3000 and its contribution to pathogenicity and fitness. <i>Journal of Bacteriology</i> , 2005 , 187, 8450-61	3.5	63
21	Phage shock protein PspA of Escherichia coli relieves saturation of protein export via the Tat pathway. <i>Journal of Bacteriology</i> , 2004 , 186, 366-73	3.5	136
20	A little help from my friends: quality control of presecretory proteins in bacteria. <i>Journal of Bacteriology</i> , 2004 , 186, 7467-73	3.5	24
19	An engineered pathway for the formation of protein disulfide bonds. <i>Science</i> , 2004 , 303, 1185-9	33.3	74
18	Dissecting the twin-arginine translocation pathway using genome-wide analysis. <i>Research in Microbiology</i> , 2004 , 155, 803-10	4	11
17	Folding quality control in the export of proteins by the bacterial twin-arginine translocation pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 6115-20	11.5	270
16	Genetic analysis of the twin arginine translocator secretion pathway in bacteria. <i>Journal of Biological Chemistry</i> , 2002 , 277, 29825-31	5.4	116
15	Bacterial autoinduction: looking outside the cell for new metabolic engineering targets. <i>Microbial Cell Factories</i> , 2002 , 1, 5	6.4	27

14	Quorum signaling via AI-2 communicates the "Metabolic Burden" associated with heterologous protein production in <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 2001 , 75, 439-50	4.9	55
13	DNA microarray-based identification of genes controlled by autoinducer 2-stimulated quorum sensing in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2001 , 183, 5239-47	3.5	218
12	Mapping stress-induced changes in autoinducer AI-2 production in chemostat-cultivated <i>Escherichia coli</i> K-12. <i>Journal of Bacteriology</i> , 2001 , 183, 2918-28	3.5	86
11	Framework for online optimization of recombinant protein expression in high-cell-density <i>Escherichia coli</i> cultures using GFP-fusion monitoring. <i>Biotechnology and Bioengineering</i> , 2000 , 69, 275-85	4.9	34
10	Evanescent wave long-period fiber bragg grating as an immobilized antibody biosensor. <i>Analytical Chemistry</i> , 2000 , 72, 2895-900	7.8	138
9	Monitoring GFP-operon fusion protein expression during high cell density cultivation of <i>Escherichia coli</i> using an on-line optical sensor 1999 , 65, 54-64		120
8	Isolation of full-length IgG antibodies from combinatorial libraries expressed in the cytoplasm of <i>Escherichia coli</i>		1
7	Shotgun scanning glycomutagenesis: a simple and efficient strategy for constructing and characterizing neoglycoproteins		2
6	Improving Designer Glycan Production in <i>Escherichia coli</i> through Model-Guided Metabolic Engineering		2
5	Twin-arginine translocase component TatB performs folding quality control via a general chaperone activity		1
4	Improving cell-free glycoprotein synthesis by characterizing and enriching native membrane vesicles		2
3	On-demand, cell-free biomanufacturing of conjugate vaccines at the point-of-care		10
2	A cell-free platform for rapid synthesis and testing of active oligosaccharyltransferases		1
1	A modular platform for on-demand vaccine self-assembly enabled by decoration of bacterial outer membrane vesicles with biotinylated antigens		1