

Tatsuya Kato

List of Publications by Year in descending order

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117
papers

2,079
citations

236612

25
h-index

315357

38
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117
all docs

117
docs citations

117
times ranked

2367
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of MERS-nanovesicle biosensor composed of multi-functional DNA aptamer/graphene-MoS ₂ nanocomposite based on electrochemical and surface-enhanced Raman spectroscopy. <i>Sensors and Actuators B: Chemical</i> , 2022, 352, 131060.	4.0	34
2	Dual display hemagglutinin 1 and 5 on the surface of enveloped virus-like particles in silkworm expression system. <i>Protein Expression and Purification</i> , 2022, 197, 106106.	0.6	0
3	Effects of Cordycepin in <i>Cordyceps militaris</i> during Its Infection to Silkworm Larvae. <i>Microorganisms</i> , 2021, 9, 681.	1.6	10
4	Identification of antigenic domains and peptides from VP15 of white spot syndrome virus and their antiviral effects in <i>Marsupenaeus japonicus</i> . <i>Scientific Reports</i> , 2021, 11, 12766.	1.6	8
5	Effects of sirtuins on the riboflavin production in <i>Ashbya gossypii</i> . <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 7813-7823.	1.7	4
6	Effects of a proteasome inhibitor on the riboflavin production in <i>Ashbya gossypii</i> . <i>Journal of Applied Microbiology</i> , 2021, , .	1.4	0
7	A systematic and methodical approach for the efficient purification of recombinant protein from silkworm larval hemolymph. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1138, 121964.	1.2	5
8	Identification of secretion domain of <i>Neospora caninum</i> profilin. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 8-13.	1.0	0
9	Preparation of divalent antigen-displaying enveloped virus-like particles using a single recombinant <i>Bombyx mori</i> nucleopolyhedrovirus bacmid in silkworms. <i>Journal of Biotechnology</i> , 2020, 323, 92-97.	1.9	2
10	Silkworm Pupae Function as Efficient Producers of Recombinant Glycoproteins with Stable-Isotope Labeling. <i>Biomolecules</i> , 2020, 10, 1482.	1.8	4
11	Antigenic properties of VP15 from white spot syndrome virus in kuruma shrimp <i>Marsupenaeus japonicus</i> . <i>Fish and Shellfish Immunology</i> , 2020, 101, 152-158.	1.6	16
12	Genomic analysis of a riboflavin-overproducing <i>Ashbya gossypii</i> mutant isolated by disparity mutagenesis. <i>BMC Genomics</i> , 2020, 21, 319.	1.2	5
13	Production of dengue virus-like particles serotype-3 in silkworm larvae and their ability to elicit a humoral immune response in mice. <i>AMB Express</i> , 2020, 10, 147.	1.4	7
14	Sero-diagnostic potential of <i>Plasmodium falciparum</i> recombinant merozoite surface protein (MSP)-3 expressed in silkworm. <i>Parasitology International</i> , 2019, 72, 101938.	0.6	9
15	Preparation of virus-like particle mimetic nanovesicles displaying the S protein of Middle East respiratory syndrome coronavirus using insect cells. <i>Journal of Biotechnology</i> , 2019, 306, 177-184.	1.9	54
16	Biochemical characterization and mutational analysis of silkworm <i>Bombyx mori</i> β -1,4-N-acetylgalactosaminyltransferase and insight into the substrate specificity of β -1,4-galactosyltransferase family enzymes. <i>Insect Biochemistry and Molecular Biology</i> , 2019, 115, 103254.	1.2	9
17	Formation of Virus-Like Particles of the Dengue Virus Serotype 2 Expressed in Silkworm Larvae. <i>Molecular Biotechnology</i> , 2019, 61, 852-859.	1.3	6
18	Development of SpyTag/SpyCatcher-Bacmid Expression Vector System (SpyBEVS) for Protein Bioconjugations Inside of Silkworms. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4228.	1.8	8

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19	Neospora caninum antigens displaying virus-like particles as a bivalent vaccine candidate against neosporosis. <i>Vaccine</i> , 2019, 37, 6426-6434.	1.7	8
20	Application of Novel Sialoglyco Particulates Enhances the Detection Sensitivity of the Equine Influenza Virus by Real-Time Reverse Transcriptase Polymerase Chain Reaction. <i>ACS Applied Bio Materials</i> , 2019, 2, 1255-1261.	2.3	11
21	Secretory Nanoparticles of Neospora caninum Profilin-Fused with the Transmembrane Domain of GP64 from Silkworm Hemolymph. <i>Nanomaterials</i> , 2019, 9, 593.	1.9	5
22	Metabolic comparison of aerial and submerged mycelia formed in the liquid surface culture of <i>Cordyceps militaris</i> . <i>MicrobiologyOpen</i> , 2019, 8, e00836.	1.2	16
23	Expression and characterization of silkworm <i>Bombyx mori</i> β -1,2-N-acetylglucosaminyltransferase II, a key enzyme for complex-type N-glycan biosynthesis. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 273-280.	1.1	8
24	The effects of gene disruption of Kre6-like proteins on the phenotype of β -glucan-producing <i>Aureobasidium pullulans</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 4467-4475.	1.7	9
25	Expression of a functional intrabody against hepatitis C virus core protein in <i>Escherichia coli</i> and silkworm pupae. <i>Protein Expression and Purification</i> , 2018, 150, 61-66.	0.6	0
26	Purification of human papillomavirus-like particles expressed in silkworm using a <i>Bombyx mori</i> nucleopolyhedrovirus bacmid expression system. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1096, 39-47.	1.2	6
27	Heterologous expression, purification and characterization of human β -1,2-N-acetylglucosaminyltransferase II using a silkworm-based <i>Bombyx mori</i> nucleopolyhedrovirus bacmid expression system. <i>Journal of Bioscience and Bioengineering</i> , 2018, 126, 15-22.	1.1	4
28	Functional Analysis of Ribonucleotide Reductase from <i>Cordyceps militaris</i> Expressed in <i>Escherichia coli</i> . <i>Applied Biochemistry and Biotechnology</i> , 2017, 182, 1307-1317.	1.4	8
29	N-Glycan Modification of a Recombinant Protein via Coexpression of Human Glycosyltransferases in Silkworm Pupae. <i>Scientific Reports</i> , 2017, 7, 1409.	1.6	19
30	Alteration of a recombinant protein N-glycan structure in silkworms by partial suppression of N-acetylglucosaminidase gene expression. <i>Biotechnology Letters</i> , 2017, 39, 1299-1308.	1.1	2
31	Chemoenzymatic synthesis and characterization of N-glycolylneuraminic acid-carrying sialoglycopolypeptides as effective inhibitors against equine influenza virus hemagglutination. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 1520-1528.	0.6	7
32	Localized surface plasmon resonance-mediated fluorescence signals in plasmonic nanoparticle-quantum dot hybrids for ultrasensitive Zika virus RNA detection via hairpin hybridization assays. <i>Biosensors and Bioelectronics</i> , 2017, 94, 513-522.	5.3	84
33	Transduction of a <i>Neospora caninum</i> antigen gene into mammalian cells using a modified <i>Bombyx mori</i> nucleopolyhedrovirus for antibody production. <i>Journal of Bioscience and Bioengineering</i> , 2017, 124, 606-610.	1.1	0
34	Insulin-like peptide 3 expressed in the silkworm possesses intrinsic disulfide bonds and full biological activity. <i>Scientific Reports</i> , 2017, 7, 17339.	1.6	2
35	Versatility of a localized surface plasmon resonance-based gold nanoparticle-alloyed quantum dot nanobiosensor for immunofluorescence detection of viruses. <i>Biosensors and Bioelectronics</i> , 2017, 89, 998-1005.	5.3	134
36	Insight into cordycepin biosynthesis of <i>Cordyceps militaris</i> : Comparison between a liquid surface culture and a submerged culture through transcriptomic analysis. <i>PLoS ONE</i> , 2017, 12, e0187052.	1.1	29

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37	Enhanced Internalization of Macromolecular Drugs into <i>Mycobacterium smegmatis</i> with the Assistance of Silver Nanoparticles. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 1483-1490.	0.9	7
38	Gene transduction in mammalian cells using <i>Bombyx mori</i> nucleopolyhedrovirus assisted by glycoprotein 64 of <i>Autographa californica</i> multiple nucleopolyhedrovirus. <i>Scientific Reports</i> , 2016, 6, 32283.	1.6	12
39	Virus-Like Particles Displaying Recombinant Short-Chain Fragment Region and Interleukin 2 for Targeting Colon Cancer Tumors and Attracting Macrophages. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 1614-1622.	1.6	12
40	An ultrasensitive alloyed near-infrared quaternary quantum dot-molecular beacon nanodiagnostic bioprobe for influenza virus RNA. <i>Biosensors and Bioelectronics</i> , 2016, 80, 483-490.	5.3	29
41	Improved cordycepin production in a liquid surface culture of <i>Cordyceps militaris</i> isolated from wild strain. <i>Biotechnology and Bioprocess Engineering</i> , 2016, 21, 595-600.	1.4	18
42	An ultrasensitive SiO ₂ -encapsulated alloyed CdZnSeS quantum dot-molecular beacon nanobiosensor for norovirus. <i>Biosensors and Bioelectronics</i> , 2016, 86, 135-142.	5.3	46
43	Versatility of chitosan/BmNPV bacmid DNA nanocomplex as transfection reagent of recombinant protein expression in silkworm larvae. <i>Biotechnology Letters</i> , 2016, 38, 1449-1457.	1.1	11
44	Gradient band gap engineered alloyed quaternary/ternary CdZnSeS/ZnSeS quantum dots: an ultrasensitive fluorescence reporter in a conjugated molecular beacon system for the biosensing of influenza virus RNA. <i>Journal of Materials Chemistry B</i> , 2016, 4, 1489-1498.	2.9	28
45	Advanced Protein Expression Using <i>Bombyx mori</i> Nucleopolyhedrovirus (BmNPV) Bacmid in Silkworm. <i>True Bugs (Heteroptera) of the Neotropics</i> , 2016, , 165-184.	1.2	0
46	Comparative metabolic flux analysis of an <i>Ashbya gossypii</i> wild type strain and a high riboflavin-producing mutant strain. <i>Journal of Bioscience and Bioengineering</i> , 2015, 119, 101-106.	1.1	29
47	Chimeric Virus-Like Particles Made Using GAG and M1 Capsid Proteins Providing Dual Drug Delivery and Vaccination Platform. <i>Molecular Pharmaceutics</i> , 2015, 12, 839-845.	2.3	29
48	Evaluation of recombinant <i>Neospora caninum</i> antigens purified from silkworm larvae for the protection of <i>N.Âcaninum</i> infection in mice. <i>Journal of Bioscience and Bioengineering</i> , 2015, 120, 715-719.	1.1	5
49	Improved insecticidal activity of a recombinant baculovirus expressing spider venom cyto-insectotoxin. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 10261-10269.	1.7	10
50	Development of Rous sarcoma Virus-like Particles Displaying hCC49 scFv for Specific Targeted Drug Delivery to Human Colon Carcinoma Cells. <i>Pharmaceutical Research</i> , 2015, 32, 3699-3707.	1.7	26
51	Novel enzymatic synthesis of spacer-linked Pk trisaccharide targeting for neutralization of Shiga toxin. <i>Journal of Biotechnology</i> , 2015, 209, 50-57.	1.9	8
52	Stable isotope labeling of glycoprotein expressed in silkworms using immunoglobulin G as a test molecule. <i>Journal of Biomolecular NMR</i> , 2015, 62, 157-167.	1.6	13
53	Genome Sequence of a Novel Iflavirus from mRNA Sequencing of the Pupa of <i>Bombyx mori</i> Inoculated with <i>Cordyceps militaris</i> . <i>Genome Announcements</i> , 2015, 3, .	0.8	9
54	Phosphorylation of Ser-204 and Tyr-405 in human malonyl-CoA decarboxylase expressed in silkworm <i>Bombyx mori</i> regulates catalytic decarboxylase activity. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 8977-8986.	1.7	3

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55	Bombyx mori Nucleopolyhedrovirus Displaying Neospora caninum Antigens as a Vaccine Candidate Against N. caninum Infection in Mice. <i>Molecular Biotechnology</i> , 2015, 57, 145-154.	1.3	10
56	Terminal sialic acid linkages determine different cell infectivities of human parainfluenza virus type 1 and type 3. <i>Virology</i> , 2014, 464-465, 424-431.	1.1	26
57	A Model for Targeting Colon Carcinoma Cells Using Single-Chain Variable Fragments Anchored on Virus-Like Particles via Glycosyl Phosphatidylinositol Anchor. <i>Pharmaceutical Research</i> , 2014, 31, 2166-2177.	1.7	11
58	Characterization of human papillomavirus 6b L1 virus-like particles isolated from silkworms using capillary zone electrophoresis. <i>Journal of Bioscience and Bioengineering</i> , 2014, 118, 311-314.	1.1	7
59	Functional analysis of cis-aconitate decarboxylase and trans-aconitate metabolism in riboflavin-producing filamentous <i>Ashbya gossypii</i> . <i>Journal of Bioscience and Bioengineering</i> , 2014, 117, 563-568.	1.1	13
60	Human acetyl-CoA carboxylase 2 expressed in silkworm <i>Bombyx mori</i> exhibits posttranslational biotinylation and phosphorylation. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 8201-8209.	1.7	8
61	Expression and purification of cyto-insectotoxin (Cit1a) using silkworm larvae targeting for an antimicrobial therapeutic agent. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 6973-6982.	1.7	7
62	Tracking <i>Neospora caninum</i> parasites using chimera monoclonal antibodies against its surface antigen-related sequences (rNcSRS2). <i>Journal of Bioscience and Bioengineering</i> , 2014, 117, 351-357.	1.1	3
63	Production of human papillomavirus 6b L1 virus-like particles incorporated with enhanced green fluorescent whole protein in silkworm larvae. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 514-519.	1.4	6
64	Quantum dots incorporated magnetic nanoparticles for imaging colon carcinoma cells. <i>Journal of Nanobiotechnology</i> , 2013, 11, 28.	4.2	30
65	Spot14/Mig12 heterocomplex sequesters polymerization and restrains catalytic function of human acetyl-CoA carboxylase 2. <i>Journal of Molecular Recognition</i> , 2013, 26, 679-688.	1.1	25
66	Expression, purification and antigenicity of <i>Neospora caninum</i> -antigens using silkworm larvae targeting for subunit vaccines. <i>Veterinary Parasitology</i> , 2013, 192, 284-287.	0.7	16
67	Expression and purification of bioactive hemagglutinin protein of highly pathogenic avian influenza A (H5N1) in silkworm larvae. <i>Journal of Virological Methods</i> , 2013, 194, 271-276.	1.0	7
68	Display of <i>Neospora caninum</i> surface protein related sequence 2 on Rous sarcoma virus-derived gag protein virus-like particles. <i>Journal of Biotechnology</i> , 2013, 165, 69-75.	1.9	13
69	Development of Two Murine Antibodies against <i>Neospora caninum</i> Using Phage Display Technology and Application on the Detection of N. caninum. <i>PLoS ONE</i> , 2013, 8, e53264.	1.1	13
70	Construction of New Ligation-Independent Cloning Vectors for the Expression and Purification of Recombinant Proteins in Silkworms Using BmNPV Bacmid System. <i>PLoS ONE</i> , 2013, 8, e64007.	1.1	6
71	Display of the human (pro)renin receptor on <i>Bombyx mori</i> nucleopolyhedrovirus (BmNPV) particles using Bm cells. <i>Journal of Bioscience and Bioengineering</i> , 2012, 114, 564-569.	1.1	1
72	Development of a diagnostic method for neosporosis in cattle using recombinant <i>Neospora caninum</i> proteins. <i>BMC Biotechnology</i> , 2012, 12, 19.	1.7	13

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73	One-pot bioethanol production from cellulose by co-culture of <i>Acremonium cellulolyticus</i> and <i>Saccharomyces cerevisiae</i> . <i>Biotechnology for Biofuels</i> , 2012, 5, 64.	6.2	58
74	Expression of human papillomavirus 6b L1 protein in silkworm larvae and enhanced green fluorescent protein displaying on its virus-like particles. <i>SpringerPlus</i> , 2012, 1, 29.	1.2	8
75	Improvement of the transcriptional strength of baculovirus very late polyhedrin promoter by repeating its untranslated leader sequences and coexpression with the primary transactivator. <i>Journal of Bioscience and Bioengineering</i> , 2012, 113, 694-696.	1.1	7
76	Riboflavin production by <i>Ashbya gossypii</i> . <i>Biotechnology Letters</i> , 2012, 34, 611-618.	1.1	59
77	Expression of an RSV-gag virus-like particle in insect cell lines and silkworm larvae. <i>Journal of Virological Methods</i> , 2011, 177, 147-152.	1.0	26
78	The improvement of riboflavin production in <i>Ashbya gossypii</i> via disparity mutagenesis and DNA microarray analysis. <i>Applied Microbiology and Biotechnology</i> , 2011, 91, 1315-1326.	1.7	41
79	Purification of functional baculovirus particles from silkworm larval hemolymph and their use as nanoparticles for the detection of human prorenin receptor (PRR) binding. <i>BMC Biotechnology</i> , 2011, 11, 60.	1.7	6
80	Bioconversion of paper sludge to biofuel by simultaneous saccharification and fermentation using a cellulase of paper sludge origin and thermotolerant <i>Saccharomyces cerevisiae</i> TJ14. <i>Biotechnology for Biofuels</i> , 2011, 4, 35.	6.2	47
81	Efficient production of cellulase in the culture of <i>Acremonium cellulolyticus</i> using untreated waste paper sludge. <i>Biotechnology Progress</i> , 2011, 27, 104-110.	1.3	13
82	Improvement of cellulase production in cultures of <i>Acremonium cellulolyticus</i> using pretreated waste milk pack with cellulase targeting for biorefinery. <i>Bioresource Technology</i> , 2011, 102, 6120-6127.	4.8	16
83	Production of Rous sarcoma virus-like particles displaying human transmembrane protein in silkworm larvae and its application to ligand-receptor binding assay. <i>Journal of Biotechnology</i> , 2011, 155, 185-192.	1.9	12
84	Improved secretion of molecular chaperone-assisted human IgG in silkworm, and no alterations in their N-linked glycan structures. <i>Biotechnology Progress</i> , 2010, 26, 232-238.	1.3	14
85	Production of scFv-displaying BmNPV in silkworm larvae and its efficient purification. <i>Biotechnology and Applied Biochemistry</i> , 2010, 57, 63-69.	1.4	5
86	Silkworm expression system as a platform technology in life science. <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 459-470.	1.7	167
87	Isolation of an oxalate-resistant <i>Ashbya gossypii</i> strain and its improved riboflavin production. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2010, 37, 57-64.	1.4	18
88	Enhanced gene expression in insect cells and silkworm larva by modified polyhedrin promoter using repeated burst sequence and very late transcriptional factor-1. <i>Biotechnology and Bioengineering</i> , 2010, 107, 909-916.	1.7	17
89	New strategy for rapid isolation of stable cell lines from DNA-transformed insect cells using fluorescence activated cell-sorting. <i>Journal of Biotechnology</i> , 2010, 147, 102-107.	1.9	5
90	Efficient cellulase-catalyzed saccharification of untreated paper sludge targeting for biorefinery. <i>Biomass and Bioenergy</i> , 2010, 34, 1906-1913.	2.9	16

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91	Human single-chain antibody expression in the hemolymph and fat body of silkworm larvae and pupae using BmNPV bacmids. <i>Journal of Bioscience and Bioengineering</i> , 2009, 107, 67-72.	1.1	11
92	Binding affinity of full-length and extracellular domains of recombinant human (pro)renin receptor to human renin when expressed in the fat body and hemolymph of silkworm larvae. <i>Journal of Bioscience and Bioengineering</i> , 2009, 108, 304-309.	1.1	9
93	Increased riboflavin production from activated bleaching earth by a mutant strain of <i>Ashbya gossypii</i> . <i>Journal of Bioscience and Bioengineering</i> , 2009, 108, 325-329.	1.1	23
94	Molecular Chaperone-Assisted Production of Human β -1,4-N-Acetylglucosaminyltransferase in Silkworm Larvae Using Recombinant BmNPV Bacmids. <i>Molecular Biotechnology</i> , 2009, 43, 67-75.	1.3	12
95	Expression of Protein Complex Comprising the Human Prorenin and (Pro)Renin Receptor in Silkworm Larvae Using <i>Bombyx mori</i> Nucleopolyhedrovirus (BmNPV) Bacmids for Improving Biological Function. <i>Molecular Biotechnology</i> , 2009, 43, 154-161.	1.3	13
96	Comparison of the efficiencies of different affinity tags in the purification of a recombinant secretory protein expressed in silkworm larval hemolymph. <i>Biotechnology and Bioprocess Engineering</i> , 2009, 14, 281-287.	1.4	5
97	Localization of human (pro)renin receptor lacking the transmembrane domain on budded baculovirus of <i>Autographa californica</i> multiple nucleopolyhedrovirus. <i>Applied Microbiology and Biotechnology</i> , 2009, 82, 431-437.	1.7	5
98	Importance of malate synthase in the glyoxylate cycle of <i>Ashbya gossypii</i> for the efficient production of riboflavin. <i>Applied Microbiology and Biotechnology</i> , 2009, 83, 529-539.	1.7	20
99	High-titer preparation of <i>Bombyx mori</i> nucleopolyhedrovirus (BmNPV) displaying recombinant protein in silkworm larvae by size exclusion chromatography and its characterization. <i>BMC Biotechnology</i> , 2009, 9, 55.	1.7	26
100	Human IgG1 expression in silkworm larval hemolymph using BmNPV bacmids and its N-linked glycan structure. <i>Journal of Biotechnology</i> , 2009, 139, 108-114.	1.9	26
101	Comparison of the N-linked glycosylation of human β -1,3-N-acetylglucosaminyltransferase 2 expressed in insect cells and silkworm larvae. <i>Journal of Biotechnology</i> , 2009, 143, 27-33.	1.9	29
102	Synthesis of sialoglycopolyptide for potentially blocking influenza virus infection using a rat β -2,6-sialyltransferase expressed in BmNPV bacmid-injected silkworm larvae. <i>BMC Biotechnology</i> , 2009, 9, 54.	1.7	17
103	Improved expression of fusion protein using a cysteine-protease and chitinase deficient <i>Bombyx mori</i> (<i>Bombyx mori</i>) multiple nucleopolyhedrovirus bacmid in silkworm larvae. <i>Biotechnology and Applied Biochemistry</i> , 2008, 49, 135-140.	1.4	44
104	Expression of functional human (pro)renin receptor in silkworm (<i>Bombyx mori</i>) larvae using BmMNPV bacmid. <i>Biotechnology and Applied Biochemistry</i> , 2008, 49, 195.	1.4	18
105	Expression and purification of human (pro)renin receptor in insect cells using baculovirus expression system. <i>Protein Expression and Purification</i> , 2008, 58, 242-248.	0.6	16
106	Specific expression of GFPuv- β -1,3-N-acetylglucosaminyltransferase 2 fusion protein in fat body of <i>Bombyx mori</i> silkworm larvae using signal peptide. <i>Biochemical and Biophysical Research Communications</i> , 2007, 359, 543-548.	1.0	11
107	Enhanced production of secretory β -1,3-N-acetylglucosaminyltransferase 2 fusion protein into hemolymph of <i>Bombyx mori</i> larvae using recombinant BmNPV bacmid integrated signal sequence. <i>Journal of Biotechnology</i> , 2007, 129, 681-688.	1.9	24
108	Construction of a cysteine protease deficient <i>Bombyx mori</i> multiple nucleopolyhedrovirus bacmid and its application to improve expression of a fusion protein. <i>Journal of Virological Methods</i> , 2007, 144, 91-97.	1.0	33

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109	Expression of alanine:glyoxylate aminotransferase gene from <i>Saccharomyces cerevisiae</i> in <i>Ashbya gossypii</i> . <i>Applied Microbiology and Biotechnology</i> , 2006, 71, 46-52.	1.7	26
110	Application of a radial-flow bioreactor in the production of $\hat{1}^2$ 1,3-N-acetylglucosaminyltransferase-2 fused with GFPuv using stably transformed insect cell lines. <i>Biotechnology and Applied Biochemistry</i> , 2005, 42, 41.	1.4	6
111	Improvement of the production of GFPuv- $\hat{1}^2$ 1,3-N-acetylglucosaminyltransferase 2 fusion protein using a molecular chaperone-assisted insect-cell-based expression system. <i>Biotechnology and Bioengineering</i> , 2005, 89, 424-433.	1.7	36
112	Quantitative screening of insect cell transformants stably expressing GFPuv- $\hat{1}^2$ 1,3-N-acetylglucosaminyltransferase 2 fusion protein. <i>Biotechnology and Bioprocess Engineering</i> , 2005, 10, 275-279.	1.4	2
113	The effects of N-glycosylation sites and the N-terminal region on the biological function of $\hat{1}^2$ 1,3-N-acetylglucosaminyltransferase 2 and its secretion. <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 699-705.	1.0	21
114	Efficient production of human $\hat{1}^2$ -1,3-N-acetylglucosaminyltransferase-2 fused with green fluorescence protein in insect cell. <i>Biochemical Engineering Journal</i> , 2004, 19, 15-23.	1.8	16
115	Comparative analysis of GFPuv- $\hat{1}^2$ 1,3-N-acetylglucosaminyltransferase 2 production in two insect-cell-based expression systems. <i>Protein Expression and Purification</i> , 2004, 35, 54-61.	0.6	26
116	Improvement of GFPuv- $\hat{1}^2$ 3GnT2 Fusion Protein Production by Suppressing Protease in Baculovirus Expression System. <i>Bioscience, Biotechnology and Biochemistry</i> , 2003, 67, 2388-2395.	0.6	23
117	<i>In vivo</i> enzymatic digestion of HRV 3C protease cleavage sites-containing proteins produced in a silkworm-baculovirus expression system. <i>Bioscience Reports</i> , 0, , .	1.1	3