

Enock Y Park

List of Publications by Year in descending order

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268
papers

7,659
citations

57631

44
h-index

85405

71
g-index

279
all docs

279
docs citations

279
times ranked

8007
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-step purification of tag-free norovirus-like particles from silkworm larvae (<i>Bombyx mori</i>). <i>Protein Expression and Purification</i> , 2022, 190, 106010.	0.6	4
2	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
3	3D hierarchically porous magnetic molybdenum trioxide@gold nanospheres as a nanogap-enhanced Raman scattering biosensor for SARS-CoV-2. <i>Nanoscale Advances</i> , 2022, 4, 871-883.	2.2	19
4	Humoral immune response induced with dengue virus-like particles serotypes 1 and 4 produced in silkworm. <i>AMB Express</i> , 2022, 12, 8.	1.4	2
5	Structural basis of the strict specificity of a bacterial GH31 β -1,3-glucosidase for nigerooligosaccharides. <i>Journal of Biological Chemistry</i> , 2022, 298, 101827.	1.6	10
6	Advancement of dengue virus NS1 protein detection by 3D-nanoassembly complex gold nanoparticles utilizing competitive sandwich aptamer on disposable electrode. <i>Analytica Chimica Acta</i> , 2022, 1207, 339817.	2.6	9
7	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
8	Green synthesis of carbon dots using expired agar for a label-free fluorescence signal-amplified detection of ferric ion utilizing oxalate functionalization. <i>Materials Advances</i> , 2022, 3, 6307-6315.	2.6	2
9	Self-assembled chromogen-loaded polymeric cocoon for respiratory virus detection. <i>Nanoscale</i> , 2021, 13, 388-396.	2.8	27
10	Human Gb3/CD77 synthase produces P1 glycotope-capped N-glycans, which mediate Shiga toxin 1 but not Shiga toxin 2 cell entry. <i>Journal of Biological Chemistry</i> , 2021, 296, 100299.	1.6	9
11	Effects of Cordycepin in <i>Cordyceps militaris</i> during its infection to silkworm larvae. <i>Microorganisms</i> , 2021, 9, 681.	1.6	10
12	Molybdenum Trioxide Quantum Dot-Encapsulated Nanogels for Virus Detection by Surface-Enhanced Raman Scattering on a 2D Substrate. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 27836-27844.	4.0	12
13	Plasmon Nanocomposite-Enhanced Optical and Electrochemical Signals for Sensitive Virus Detection. <i>ACS Sensors</i> , 2021, 6, 2605-2612.	4.0	17
14	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
15	Self-Assembled Chromogenic Polymeric Nanoparticle-Laden Nanocarrier as a Signal Carrier for Derivative Binary Responsive Virus Detection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 36868-36879.	4.0	18
16	Cargo encapsulated hepatitis E virus-like particles for anti-HEV antibody detection. <i>Biosensors and Bioelectronics</i> , 2021, 185, 113261.	5.3	8
17	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
18	Effects of a proteasome inhibitor on the riboflavin production in <i>Ashbya gossypii</i> . <i>Journal of Applied Microbiology</i> , 2021, , .	1.4	0

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19	Sulfur-doped carbon dots@polydopamine-functionalized magnetic silver nanocubes for dual-modality detection of norovirus. <i>Biosensors and Bioelectronics</i> , 2021, 193, 113540.	5.3	36
20	Design and Analysis of a Single System of Impedimetric Biosensors for the Detection of Mosquito-Borne Viruses. <i>Biosensors</i> , 2021, 11, 376.	2.3	8
21	Structure of a bacterial β -1,2-glucosidase defines mechanisms of hydrolysis and substrate specificity in GH65 family hydrolases. <i>Journal of Biological Chemistry</i> , 2021, 297, 101366.	1.6	7
22	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
23	The detection and identification of dengue virus serotypes with quantum dot and AuNP regulated localized surface plasmon resonance. <i>Nanoscale Advances</i> , 2020, 2, 699-709.	2.2	29
24	Identification of secretion domain of <i>Neospora caninum</i> profilin. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 8-13.	1.0	0
25	Controlling distance, size and concentration of nanoconjugates for optimized LSPR based biosensors. <i>Biosensors and Bioelectronics</i> , 2020, 170, 112657.	5.3	34
26	Ultrasensitive Detection of the Hepatitis E Virus by Electrocatalytic Water Oxidation Using Pt-Co ₃ O ₄ Hollow Cages. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 50212-50221.	4.0	28
27	Hollow magnetic-fluorescent nanoparticles for dual-modality virus detection. <i>Biosensors and Bioelectronics</i> , 2020, 170, 112680.	5.3	34
28	Fluoroimmunoassay of influenza virus using sulfur-doped graphitic carbon nitride quantum dots coupled with Ag ₂ S nanocrystals. <i>Mikrochimica Acta</i> , 2020, 187, 466.	2.5	17
29	Boosting the energy storage performance of V ₂ O ₅ nanosheets by intercalating conductive graphene quantum dots. <i>Nanoscale</i> , 2020, 12, 16944-16955.	2.8	34
30	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
31	Structural insight into the substrate specificity of <i>Bombyx mori</i> β -fructofuranosidase belonging to the glycoside hydrolase family 32. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 127, 103494.	1.2	15
32	Electrochemical detection of white spot syndrome virus with a silicone rubber disposable electrode composed of graphene quantum dots and gold nanoparticle-embedded polyaniline nanowires. <i>Journal of Nanobiotechnology</i> , 2020, 18, 152.	4.2	11
33	Silkworm Pupae Function as Efficient Producers of Recombinant Glycoproteins with Stable-Isotope Labeling. <i>Biomolecules</i> , 2020, 10, 1482.	1.8	4
34	Molybdenum Trioxide Nanocubes Aligned on a Graphene Oxide Substrate for the Detection of Norovirus by Surface-Enhanced Raman Scattering. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 43522-43534.	4.0	37
35	Fluorescent and electrochemical dual-mode detection of Chikungunya virus E1 protein using fluorophore-embedded and redox probe-encapsulated liposomes. <i>Mikrochimica Acta</i> , 2020, 187, 674.	2.5	22
36	Ni-modified magnetic nanoparticles for affinity purification of His-tagged proteins from the complex matrix of the silkworm fat body. <i>Journal of Nanobiotechnology</i> , 2020, 18, 159.	4.2	15

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37	Crystal structure of the <i>Enterococcus faecalis</i> β -N-acetylgalactosaminidase, a member of the glycoside hydrolase family 31. <i>FEBS Letters</i> , 2020, 594, 2282-2293.	1.3	11
38	Structure-function analysis of silkworm sucrose hydrolase uncovers the mechanism of substrate specificity in GH13 subfamily 17 α -glucosidases. <i>Journal of Biological Chemistry</i> , 2020, 295, 8784-8797.	1.6	7
39	β -L-Fucosidase from <i>Bombyx mori</i> has broad substrate specificity and hydrolyzes core fucosylated N-glycans. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 124, 103427.	1.2	5
40	Plasmonic/magnetic molybdenum trioxide and graphitic carbon nitride quantum dots-based fluoroimmunosensing system for influenza virus. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128494.	4.0	42
41	Fluorometric virus detection platform using quantum dots-gold nanocomposites optimizing the linker length variation. <i>Analytica Chimica Acta</i> , 2020, 1109, 148-157.	2.6	59
42	Advancement of capture immunoassay for real-time monitoring of hepatitis E virus-infected monkey. <i>Analytica Chimica Acta</i> , 2020, 1110, 64-71.	2.6	22
43	Dual modality sensor using liposome-based signal amplification technique for ultrasensitive norovirus detection. <i>Biosensors and Bioelectronics</i> , 2020, 157, 112169.	5.3	48
44	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
45	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
46	Use of Target-Specific Liposome and Magnetic Nanoparticle Conjugation for the Amplified Detection of Norovirus. <i>ACS Applied Bio Materials</i> , 2020, 3, 3560-3568.	2.3	13
47	Draft Genome Sequence of the <i>Aspergillus terreus</i> High-Itaconic-Acid-Productivity Strain IFO6365. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	4
48	Agglutination of Human Polyomaviruses by Using a Tetravalent Glycocluster as a Cross-Linker. <i>ACS Omega</i> , 2020, 5, 21940-21947.	1.6	5
49	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
50	High-performance Biosensing Systems Based on Various Nanomaterials as Signal Transducers. <i>Biotechnology Journal</i> , 2019, 14, e1800249.	1.8	21
51	Electrical pulse-induced electrochemical biosensor for hepatitis E virus detection. <i>Nature Communications</i> , 2019, 10, 3737.	5.8	137
52	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
53	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
54	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

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55	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
56	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
57	Methylene blue-encapsulated liposomal biosensor for electrochemical detection of sphingomyelinase enzyme. <i>Sensors and Actuators B: Chemical</i> , 2019, 301, 127153.	4.0	8
58	Neospora caninum antigens displaying virus-like particles as a bivalent vaccine candidate against neosporosis. <i>Vaccine</i> , 2019, 37, 6426-6434.	1.7	8
59	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
60	A localized surface plasmon resonance-amplified immunofluorescence biosensor for ultrasensitive and rapid detection of nonstructural protein 1 of Zika virus. <i>PLoS ONE</i> , 2019, 14, e0211517.	1.1	30
61	Ultrasensitive detection of norovirus using a magnetofluoroimmunoassay based on synergic properties of gold/magnetic nanoparticle hybrid nanocomposites and quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2019, 296, 126672.	4.0	30
62	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
63	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
64	Draft Genome Sequence of <i>Aspergillus terreus</i> High-Itaconic-Acid-Productivity Mutant TN-484. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	5
65	Enhanced colorimetric detection of norovirus using in-situ growth of Ag shell on Au NPs. <i>Biosensors and Bioelectronics</i> , 2019, 126, 425-432.	5.3	77
66	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
67	Detection of Infectious Viruses using Advanced Nanobiotechnology for Green Society. , 2019, , 316-331.		5
68	Plasmonic Oleylamine-Capped Gold and Silver Nanoparticle-Assisted Synthesis of Luminescent Alloyed CdZnSeS Quantum Dots. <i>ACS Omega</i> , 2018, 3, 1357-1366.	1.6	9
69	Purification of virus-like particles (VLPs) expressed in the silkworm <i>Bombyx mori</i> . <i>Biotechnology Letters</i> , 2018, 40, 659-666.	1.1	18
70	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
71	Magnetic Nanozyme-Linked Immunosorbent Assay for Ultrasensitive Influenza A Virus Detection. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 12534-12543.	4.0	144
72	A multi-functional gold/iron-oxide nanoparticle-CNT hybrid nanomaterial as virus DNA sensing platform. <i>Biosensors and Bioelectronics</i> , 2018, 102, 425-431.	5.3	138

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73	Development of an effective electrochemical platform for highly sensitive DNA detection using MoS ₂ - polyaniline nanocomposites. <i>Biochemical Engineering Journal</i> , 2018, 140, 130-139.	1.8	25
74	Femtomolar Detection of Dengue Virus DNA with Serotype Identification Ability. <i>Analytical Chemistry</i> , 2018, 90, 12464-12474.	3.2	54
75	Single-step detection of norovirus tuning localized surface plasmon resonance-induced optical signal between gold nanoparticles and quantum dots. <i>Biosensors and Bioelectronics</i> , 2018, 122, 16-24.	5.3	54
76	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
77	Plasmonic/magnetic graphene-based magnetofluoro-immunosensing platform for virus detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 276, 254-261.	4.0	29
78	Impedimetric biosensor for detection of cancer cells employing carbohydrate targeting ability of Concanavalin A. <i>Biosensors and Bioelectronics</i> , 2018, 122, 95-103.	5.3	35
79	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
80	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
81	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
82	Bright luminescent optically engineered core/alloyed shell quantum dots: an ultrasensitive signal transducer for dengue virus RNA via localized surface plasmon resonance-induced hairpin hybridization. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3047-3058.	2.9	24
83	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
84	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
85	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
86	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
87	In situ self-assembly of gold nanoparticles on hydrophilic and hydrophobic substrates for influenza virus-sensing platform. <i>Scientific Reports</i> , 2017, 7, 44495.	1.6	97
88	Nanofabricated optical tuning and epitaxial overgrowth of In ₂ S ₃ shells on CdSe cores. <i>New Journal of Chemistry</i> , 2017, 41, 1303-1312.	1.4	6
89	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
90	Binary Nanoparticle Graphene Hybrid Structure-Based Highly Sensitive Biosensing Platform for Norovirus-Like Particle Detection. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27298-27304.	4.0	38

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91	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
92	Conventional and unconventional secretory proteins expressed with silkworm bombyxin signal peptide display functional fidelity. <i>Scientific Reports</i> , 2017, 7, 14499.	1.6	2
93	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
94	Size-controlled preparation of peroxidase-like graphene-gold nanoparticle hybrids for the visible detection of norovirus-like particles. <i>Biosensors and Bioelectronics</i> , 2017, 87, 558-565.	5.3	133
95	Plasmonic Nanomaterial-Based Optical Biosensing Platforms for Virus Detection. <i>Sensors</i> , 2017, 17, 2332.	2.1	39
96	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
97	Gold Nanoparticle-Quantum Dot Fluorescent Nanohybrid: Application for Localized Surface Plasmon Resonance-induced Molecular Beacon Ultrasensitive DNA Detection. <i>Nanoscale Research Letters</i> , 2016, 11, 523.	3.1	24
98	The use of nanocrystal quantum dot as fluorophore reporters in molecular beacon-based assays. <i>Nano Convergence</i> , 2016, 3, 32.	6.3	10
99	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
100	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
101	Recent progress on the development of antibiotics from the genus <i>Micromonospora</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2016, 21, 199-223.	1.4	45
102	Enhanced catalytic activity of gold nanoparticle-carbon nanotube hybrids for influenza virus detection. <i>Biosensors and Bioelectronics</i> , 2016, 85, 503-508.	5.3	103
103	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
104	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
105	Size-confined fixed-composition and composition-dependent engineered band gap alloying induces different internal structures in L-cysteine-capped alloyed quaternary CdZnTeS quantum dots. <i>Scientific Reports</i> , 2016, 6, 27288.	1.6	32
106	Detection of influenza virus using peroxidase-mimic of gold nanoparticles. <i>Biotechnology and Bioengineering</i> , 2016, 113, 2298-2303.	1.7	72
107	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
108	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

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109	Synthesis of tetravalent LacNAc-glycoclusters as high-affinity cross-linker against Erythrina cristagalli agglutinin. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1-11.	1.4	17
110	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
111	Biotechnology of riboflavin. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2107-2119.	1.7	123
112	Synthesis of Gold Nanoparticles with Buffer-Dependent Variations of Size and Morphology in Biological Buffers. <i>Nanoscale Research Letters</i> , 2016, 11, 65.	3.1	22
113	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
114	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
115	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
116	Evaluation of recombinant <i>Neospora caninum</i> antigens purified from silkworm larvae for the protection of <i>N. caninum</i> infection in mice. <i>Journal of Bioscience and Bioengineering</i> , 2015, 120, 715-719.	1.1	5
117	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
118	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
119	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
120	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
121	The Insulin-Like Factor 3 (INSL3)-Receptor (RXFP2) Network Functions as a Germ Cell Survival/Anti-Apoptotic Factor in Boar Testes. <i>Endocrinology</i> , 2015, 156, 1523-1539.	1.4	40
122	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
123	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
124	<i>Bombyx mori</i> Nucleopolyhedrovirus Displaying <i>Neospora caninum</i> Antigens as a Vaccine Candidate Against <i>N. caninum</i> Infection in Mice. <i>Molecular Biotechnology</i> , 2015, 57, 145-154.	1.3	10
125	A plasmon-assisted fluoro-immunoassay using gold nanoparticle-decorated carbon nanotubes for monitoring the influenza virus. <i>Biosensors and Bioelectronics</i> , 2015, 64, 311-317.	5.3	90
126	The structural basis for receptor recognition of human interleukin-18. <i>Nature Communications</i> , 2014, 5, 5340.	5.8	107

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127	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
128	Non-toxic nanoparticles from phytochemicals: preparation and biomedical application. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 983-989.	1.7	46
129	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
130	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
131	Metal enhanced fluorescence on nanoporous gold leaf-based assay platform for virus detection. <i>Biosensors and Bioelectronics</i> , 2014, 58, 33-39.	5.3	44
132	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
133	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
134	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
135	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
136	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
137	Toxic chemical monitoring of agricultural bioproducts using nanomaterials-based sensors. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 1825-1832.	1.2	6
138	Quantum dots incorporated magnetic nanoparticles for imaging colon carcinoma cells. <i>Journal of Nanobiotechnology</i> , 2013, 11, 28.	4.2	30
139	Improved Î²-glucan yield using an <i>Aureobasidium pullulans</i> M-2 mutant strain in a 200-L pilot scale fermentor targeting industrial mass production. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 1083-1089.	1.4	20
140	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
141	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
142	Detection of anti- <i>Neospora</i> antibodies in bovine serum by using spiky Au@CdTe nanocomplexes. <i>Sensors and Actuators B: Chemical</i> , 2013, 178, 192-199.	4.0	11
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	Waste paper sludge as a potential biomass for bio-ethanol production. Korean Journal of Chemical Engineering, 2013, 30, 253-261.	1.2	39
146	The active form of goat insulin-like peptide 3 (INSL3) is a single-chain structure comprising three domains B-C-A, constitutively expressed and secreted by testicular Leydig cells. Biological Chemistry, 2013, 394, 1181-1194.	1.2	14
147	Guided Bone Regeneration Using a Flexible Hydroxyapatite Patch. Journal of Biomedical Nanotechnology, 2013, 9, 1914-1920.	0.5	14
148	Development of Two Murine Antibodies against Neospora caninum Using Phage Display Technology and Application on the Detection of N. caninum. PLoS ONE, 2013, 8, e53264.	1.1	13
149	Isolation of Recombinant Phage Antibodies Targeting the Hemagglutinin Cleavage Site of Highly Pathogenic Avian Influenza Virus. PLoS ONE, 2013, 8, e61158.	1.1	14
150	Construction of New Ligation-Independent Cloning Vectors for the Expression and Purification of Recombinant Proteins in Silkworms Using BmNPV Bacmid System. PLoS ONE, 2013, 8, e64007.	1.1	6
151	Relaxin-like factor (RLF)/insulin-like peptide 3 (INSL3) is secreted from testicular Leydig cells as a monomeric protein comprising three domains B-C-A with full biological activity in boars. Biochemical Journal, 2012, 441, 265-273.	1.7	38
152	Low-temperature Plasma Processing of Micro- and Nanostructured Materials for Biomedical Applications. Materials Research Society Symposia Proceedings, 2012, 1469, 31.	0.1	1
153	Establishment of a Bombyx mori nucleopolyhedrovirus (BmNPV) hyper-sensitive cell line from the silkworm e21 strain. Biotechnology Letters, 2012, 34, 1773-1779.	1.1	17
154	Display of the human (pro)renin receptor on Bombyx mori nucleopolyhedrovirus (BmNPV) particles using Bm cells. Journal of Bioscience and Bioengineering, 2012, 114, 564-569.	1.1	1
155	Design and Synthesis of High-Avidity Tetravalent Glycoclusters as Probes for Sambucus sieboldiana Agglutinin and Characterization of their Binding Properties. Bioconjugate Chemistry, 2012, 23, 97-105.	1.8	13
156	Development of a diagnostic method for neosporosis in cattle using recombinant Neospora caninum proteins. BMC Biotechnology, 2012, 12, 19.	1.7	13
157	Photoluminescence enhancement of quantum dots on Ag nanoneedles. Nanoscale Research Letters, 2012, 7, 438.	3.1	22
158	One-pot bioethanol production from cellulose by co-culture of Acremonium cellulolyticus and Saccharomyces cerevisiae. Biotechnology for Biofuels, 2012, 5, 64.	6.2	58
159	Expression of human papillomavirus 6b L1 protein in silkworm larvae and enhanced green fluorescent protein displaying on its virus-like particles. SpringerPlus, 2012, 1, 29.	1.2	8
160	Improvement of the transcriptional strength of baculovirus very late polyhedrin promoter by repeating its untranslated leader sequences and coexpression with the primary transactivator. Journal of Bioscience and Bioengineering, 2012, 113, 694-696.	1.1	7
161	Simultaneous saccharification and fermentation of paper sludge without pretreatment using cellulase from Acremonium cellulolyticus and thermotolerant Saccharomyces cerevisiae. Biomass and Bioenergy, 2012, 42, 114-122.	2.9	18
162	Genetic modification of a chicken expression system for the galactosylation of therapeutic proteins produced in egg white. Transgenic Research, 2012, 21, 63-75.	1.3	9

#	ARTICLE	IF	CITATIONS
163	Riboflavin production by <i>Ashbya gossypii</i> . <i>Biotechnology Letters</i> , 2012, 34, 611-618.	1.1	59
164	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
165	Human insulin gene expressing with <i>Bombyx mori</i> multiple nucleopolyhedrovirus (BmMNPV) expression system. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 393-399.	1.7	0
166	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
167	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
168	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
169	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
170	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
171	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
172	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
173	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
174	Silkworm expression system as a platform technology in life science. <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 459-470.	1.7	167
175	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
176	Response of Cellulase Activity in pH-Controlled Cultures of the Filamentous Fungus <i>Acremonium cellulolyticus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 52-61.	1.4	38
177	Enhanced cellulase production of the <i>Trichoderma viride</i> mutated by microwave and ultraviolet. <i>Microbiological Research</i> , 2010, 165, 190-198.	2.5	80
178	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
179	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
180	Efficient cellulase-catalyzed saccharification of untreated paper sludge targeting for biorefinery. <i>Biomass and Bioenergy</i> , 2010, 34, 1906-1913.	2.9	16

#	ARTICLE	IF	CITATIONS
181	Chemoenzymatic Synthesis of Glycan-arranged Polymeric Inhibitors against Influenza Virus Infection. <i>Journal of Applied Glycoscience</i> (1999), 2010, 57, 137-143.	0.3	7
182	Molecular Design of Fluorescent Labeled Glycosides as Acceptor Substrates for Sialyltransferases. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 2287-2292.	0.6	7
183	Open reading frame 60 of the <i>Bombyx mori</i> nucleopolyhedrovirus plays a role in budded virus production. <i>Virus Research</i> , 2010, 151, 185-191.	1.1	11
184	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
185	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
186	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
187	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
188	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
189	Characterization and optimization of extracellular alkaline lipase production by <i>Alcaligenes</i> sp. Using stearic acid as carbon source. <i>Biotechnology and Bioprocess Engineering</i> , 2009, 14, 193-201.	1.4	4
190	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
191	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
192	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
193	Biotechnological production of itaconic acid and its biosynthesis in <i>Aspergillus terreus</i> . <i>Applied Microbiology and Biotechnology</i> , 2009, 84, 597-606.	1.7	401
194	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
195	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
196	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
197	Enhancement of lipase catalyzed-fatty acid methyl esters production from waste activated bleaching earth by nullification of lipase inhibitors. <i>Bioresource Technology</i> , 2009, 101, 14-20.	4.8	15
198	Chemoenzymatic Synthesis of Sialoglycopolypeptides As Glycomimetics to Block Infection by Avian and Human Influenza Viruses. <i>Bioconjugate Chemistry</i> , 2009, 20, 538-549.	1.8	38

#	ARTICLE	IF	CITATIONS
199	Molecular Design of Spacer-N-Linked Sialoglycopolyptide as Polymeric Inhibitors Against Influenza Virus Infection. <i>Biomacromolecules</i> , 2009, 10, 1894-1903.	2.6	36
200	Efficient silkworm expression of human GPCR (nociceptin receptor) by a <i>Bombyx mori</i> bacmid DNA system. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 375-379.	1.0	16
201	Silkworm expression and sugar profiling of human immune cell surface receptor, KIR2DL1. <i>Biochemical and Biophysical Research Communications</i> , 2009, 387, 575-580.	1.0	14
202	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
203	Cloning and functional characterization of the cis-aconitic acid decarboxylase (CAD) gene from <i>Aspergillus terreus</i> . <i>Applied Microbiology and Biotechnology</i> , 2008, 80, 223-229.	1.7	108
204	Efficient Protein Expression in <i>Bombyx mori</i> Larvae of the Strain d17 Highly Sensitive to B. mori Nucleopolyhedrovirus. <i>Molecular Biotechnology</i> , 2008, 40, 180-185.	1.3	22
205	Lipase-catalyzed biodiesel production from waste activated bleaching earth as raw material in a pilot plant. <i>Bioresource Technology</i> , 2008, 99, 3130-3135.	4.8	54
206	Improved expression of fusion protein using a cysteine protease and chitinase deficient <i>Bombyx mori</i> (silkworm) multiple nucleopolyhedrovirus bacmid in silkworm larvae. <i>Biotechnology and Applied Biochemistry</i> , 2008, 49, 135-140.	1.4	44
207	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
208	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
209	Characterization of <i>Bombyx mori</i> nucleopolyhedrovirus with a deletion of bm118. <i>Virus Research</i> , 2008, 135, 220-229.	1.1	8
210	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
211	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
212	Efficient Cellulase Production by the Filamentous Fungus <i>Acremonium cellulolyticus</i> . <i>Biotechnology Progress</i> , 2007, 23, 333-338.	1.3	46
213	Isolation of <i>Ashbya gossypii</i> mutant for an improved riboflavin production targeting for biorefinery technology. <i>Journal of Applied Microbiology</i> , 2007, 103, 468-476.	1.4	30
214	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
215	Isocitrate dehydrogenase and isocitrate lyase are essential enzymes for riboflavin production in <i>Ashbya gossypii</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2007, 12, 92-99.	1.4	7
216	Analysis of Morphological Relationship Between Micro- and Macromorphology of <i>Mortierella</i> Species Using a Flow-Through Chamber Coupled with Image Analysis. <i>Journal of Eukaryotic Microbiology</i> , 2006, 53, 199-203.	0.8	8

#	ARTICLE	IF	CITATIONS
217	Fatty acid methyl ester production using lipase-immobilizing silica particles with different particle sizes and different specific surface areas. <i>Enzyme and Microbial Technology</i> , 2006, 39, 889-896.	1.6	47
218	Bioconversion of waste office paper to gluconic acid in a turbine blade reactor by the filamentous fungus <i>Aspergillus niger</i> . <i>Bioresource Technology</i> , 2006, 97, 1030-1035.	4.8	88
219	Multiple co-transfection and co-expression of human β -1,3-N-acetylglucosaminyltransferase with human calreticulin chaperone cDNA in a single step in insect cells. <i>Biotechnology and Applied Biochemistry</i> , 2006, 43, 129.	1.4	45
220	Identification of Epitope on DNA-binding Protein Expressed in Insect Cell Infected by Baculovirus. <i>Molecular Biology Reports</i> , 2006, 33, 97-102.	1.0	0
221	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
222	Expression of spider flagelliform silk protein in <i>Bombyx mori</i> cell line by a novel Bac-to-Bac/BmNPV baculovirus expression system. <i>Applied Microbiology and Biotechnology</i> , 2006, 71, 192-199.	1.7	74
223	Enhanced production of mouse β -amylase by feeding combined nitrogen and carbon sources in fed-batch culture of recombinant <i>Pichia pastoris</i> . <i>Process Biochemistry</i> , 2006, 41, 390-397.	1.8	16
224	Repeated production of fatty acid methyl ester with activated bleaching earth in solvent-free system. <i>Process Biochemistry</i> , 2006, 41, 1849-1853.	1.8	14
225	Construction of hybrid <i>Autographa californica</i> nuclear polyhedrosis bacmid by modification of p143 helicase. <i>Journal of Virological Methods</i> , 2006, 134, 212-216.	1.0	4
226	Binding properties of rat prorenin and renin to the recombinant rat renin/prorenin receptor prepared by a baculovirus expression system. <i>International Journal of Molecular Medicine</i> , 2006, 18, 483-8.	1.8	107
227	Use of plant-derived protein hydrolysates for enhancing growth of <i>Bombyx mori</i> (silkworm) insect cells in suspension culture. <i>Biotechnology and Applied Biochemistry</i> , 2005, 42, 1.	1.4	17
228	Application of a radial-flow bioreactor in the production of β -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
229	Kinetic study of esterification of rapeseed oil contained in waste activated bleaching earth using <i>Candida rugosa</i> lipase in organic solvent system. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2005, 37, 95-100.	1.8	20
230	Improvement of the production of GFPuv- β -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
231	Quantitative screening of insect cell transformants stably expressing GFPuv- β -1,3-N-acetylglucosaminyltransferase 2 fusion protein. <i>Biotechnology and Bioprocess Engineering</i> , 2005, 10, 275-279.	1.4	2
232	Evaluation of lactic acid production in batch, fed-batch, and continuous cultures of <i>Rhizopus sp.</i> MK-96-1196 using an airlift bioreactor. <i>Biotechnology and Bioprocess Engineering</i> , 2005, 10, 522-527.	1.4	12
233	Efficient large-scale protein production of larvae and pupae of silkworm by <i>Bombyx mori</i> nuclear polyhedrosis virus bacmid system. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 564-569.	1.0	183
234	The effects of N-glycosylation sites and the N-terminal region on the biological function of β -1,3-N-acetylglucosaminyltransferase 2 and its secretion. <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 699-705.	1.0	21

#	ARTICLE	IF	CITATIONS
235	Oxidation of rapeseed oil in waste activated bleaching earth and its effect on riboflavin production in culture of <i>Ashbya gossypii</i> . <i>Journal of Bioscience and Bioengineering</i> , 2004, 97, 59-64.	1.1	25
236	Efficient production of fatty acid methyl ester from waste activated bleaching earth using diesel oil as organic solvent. <i>Journal of Bioscience and Bioengineering</i> , 2004, 98, 420-424.	1.1	44
237	Utilization of waste activated bleaching earth containing palm oil in riboflavin production by <i>Ashbya gossypii</i> . <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2004, 81, 57-62.	0.8	18
238	Potential application of waste activated bleaching earth on the production of fatty acid alkyl esters using <i>Candida cylindracea</i> lipase in organic solvent system. <i>Enzyme and Microbial Technology</i> , 2004, 34, 270-277.	1.6	91
239	Bioconversion of waste office paper to (+)-lactic acid by the filamentous fungus <i>Rhizopus oryzae</i> . <i>Bioresource Technology</i> , 2004, 93, 77-83.	4.8	88
240	Efficient production of human β -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
241	Recent Progress in Microbial Cultivation Techniques. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2004, 90, 1-33.	0.6	7
242	Comparative analysis of GFPuv- β 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
243	Comparative characterization of growth and recombinant protein production among three insect cell lines with four kinds of serum free media. <i>Biotechnology and Bioprocess Engineering</i> , 2003, 8, 142-146.	1.4	17
244	Lipase-catalyzed production of biodiesel fuel from vegetable oils contained in waste activated bleaching earth. <i>Process Biochemistry</i> , 2003, 38, 1077-1082.	1.8	134
245	Application of Waste Activated Bleaching Earth Containing Rapeseed Oil on Riboflavin Production in the Culture of <i>Ashbya gossypii</i> . <i>Biotechnology Progress</i> , 2003, 19, 410-417.	1.3	22
246	Improvement of GFPuv- β 3GnT2 Fusion Protein Production by Suppressing Protease in Baculovirus Expression System. <i>Bioscience, Biotechnology and Biochemistry</i> , 2003, 67, 2388-2395.	0.6	23
247	The effect of cell cycle on GFPuv gene expression in the baculovirus expression system. <i>Journal of Biotechnology</i> , 2002, 93, 121-129.	1.9	19
248	「 β 1,3-N-acetylglucosaminyltransferase 2 の昆虫細胞発現システムにおける最適化」. <i>Nippon Nogeikagaku Kaishi</i> , 2002, 76, 947-950.		
249	Production of arachidonic acid by <i>Mortierella</i> fungi. <i>Biotechnology and Bioprocess Engineering</i> , 2002, 7, 252-262.	1.4	101
250	Empirical evaluation of cellulase on enzymatic hydrolysis of waste office paper. <i>Biotechnology and Bioprocess Engineering</i> , 2002, 7, 268-274.	1.4	24
251	Development of an Antibody-Based Assay for Determination of Baculovirus Titers in 10 Hours. <i>Biotechnology Progress</i> , 2002, 18, 647-651.	1.3	32
252	Mycelial pellet intrastucture and visualization of mycelia and intracellular lipid in a culture of <i>Mortierella alpina</i> . <i>Applied Microbiology and Biotechnology</i> , 2001, 56, 233-238.	1.7	37

#	ARTICLE	IF	CITATIONS
253	Microbial production of riboflavin using riboflavin overproducers, <i>Ashbya gossypii</i> , <i>Bacillus subtilis</i> , and <i>Candida famate</i> : An overview. <i>Biotechnology and Bioprocess Engineering</i> , 2001, 6, 75-88.	1.4	56
254	Morphological diversity of <i>Mortierella alpina</i> : Effect of consumed carbon to nitrogen ratio in flask culture. <i>Biotechnology and Bioprocess Engineering</i> , 2001, 6, 161-166.	1.4	14
255	Enzymatic Hydrolysis of Waste Office Paper Using Viscosity as Operating Parameter. <i>Biotechnology Progress</i> , 2001, 17, 379-382.	1.3	16
256	Enhancement of $\hat{\mu}$ -polylysine production by <i>Streptomyces albulus</i> strain 410 using pH control. <i>Journal of Bioscience and Bioengineering</i> , 2001, 91, 190-194.	1.1	140
257	Effect of consumed carbon to nitrogen ratio of mycelial morphology and arachidonic acid production in cultures of <i>mortierella alpina</i> . <i>Journal of Bioscience and Bioengineering</i> , 2001, 91, 382-389.	1.1	68
258	Effect of Consumed Carbon to Nitrogen Ratio on Mycelial Morphology and Arachidonic Acid Production in Cultures of <i>Mortierella alpina</i> .. <i>Journal of Bioscience and Bioengineering</i> , 2001, 91, 382-389.	1.1	29
259	Dependence of Apparent Viscosity on Mycelial Morphology of <i>Streptomyces fradiae</i> Culture in Various Nitrogen Sources. <i>Biotechnology Progress</i> , 2000, 16, 525-532.	1.3	10
260	Expression of mouse $\hat{\pm}$ -amylase gene in methylotrophic yeast <i>Pichia pastoris</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2000, 5, 7-12.	1.4	4
261	Kinetics of soybean oil consumption and cephamycin C production in culture of <i>streptomyces sp.</i> using mineral support. <i>Journal of Bioscience and Bioengineering</i> , 1999, 87, 390-393.	1.1	1
262	Image analysis of morphological change during arachidonic acid production by <i>Mortierella alpina</i> 1S-4. <i>Journal of Bioscience and Bioengineering</i> , 1999, 87, 489-494.	1.1	22
263	Visualization of a recombinant gene protein in the baculovirus expression vector system using confocal scanning laser microscopy. <i>Journal of Bioscience and Bioengineering</i> , 1999, 87, 756-761.	1.1	1
264	Effect of nitrogen source on mycelial morphology and arachidonic acid production in cultures of <i>mortierella alpina</i> . <i>Journal of Bioscience and Bioengineering</i> , 1999, 88, 61-67.	1.1	60
265	Stability of luciferase gene expression in a long term period in transgenic eggplant, <i>Solanum melongena</i> .. <i>Plant Biotechnology</i> , 1999, 16, 403-407.	0.5	12
266	Efficient Production of L-(+)-Lactic Acid Using Mycelial Cotton-like Floccs of <i>Rhizopus oryzae</i> in an Air-Lift Bioreactor. <i>Biotechnology Progress</i> , 1998, 14, 699-704.	1.3	54
267	Improvement of tylosin production from <i>Streptomyces fradiae</i> culture by decreasing the apparent viscosity in an air-lift bioreactor. <i>Journal of Bioscience and Bioengineering</i> , 1998, 86, 413-417.	0.9	14
268	<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