

# Enock Y Park

## List of Publications by Year in descending order

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268  
papers

7,659  
citations

57758

44  
h-index

85541

71  
g-index

279  
all docs

279  
docs citations

279  
times ranked

8007  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biotechnological production of itaconic acid and its biosynthesis in <i>Aspergillus terreus</i> . <i>Applied Microbiology and Biotechnology</i> , 2009, 84, 597-606.	3.6	401
2	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.	2.1	183
3	Silkworm expression system as a platform technology in life science. <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 459-470.	3.6	167
4	Magnetic Nanozyme-Linked Immunosorbent Assay for Ultrasensitive Influenza A Virus Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 12534-12543.	8.0	144
5	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.	2.2	140
6	A multi-functional gold/iron-oxide nanoparticle-CNT hybrid nanomaterial as virus DNA sensing platform. <i>Biosensors and Bioelectronics</i> , 2018, 102, 425-431.	10.1	138
7	Electrical pulse-induced electrochemical biosensor for hepatitis E virus detection. <i>Nature Communications</i> , 2019, 10, 3737.	12.8	137
8	Lipase-catalyzed production of biodiesel fuel from vegetable oils contained in waste activated bleaching earth. <i>Process Biochemistry</i> , 2003, 38, 1077-1082.	3.7	134
9	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.	10.1	134
10	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.	10.1	133
11	Biotechnology of riboflavin. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2107-2119.	3.6	123
12	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.	3.6	108
13	The structural basis for receptor recognition of human interleukin-18. <i>Nature Communications</i> , 2014, 5, 5340.	12.8	107
14	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.	4.0	107
15	Enhanced catalytic activity of gold nanoparticle-carbon nanotube hybrids for influenza virus detection. <i>Biosensors and Bioelectronics</i> , 2016, 85, 503-508.	10.1	103
16	Production of arachidonic acid by <i>Mortierella fungi</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2002, 7, 252-262.	2.6	101
17	In situ self-assembly of gold nanoparticles on hydrophilic and hydrophobic substrates for influenza virus-sensing platform. <i>Scientific Reports</i> , 2017, 7, 44495.	3.3	97
18	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.	3.2	91

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19	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.	10.1	90
20	Bioconversion of waste office paper to D(+)-lactic acid by the filamentous fungus <i>Rhizopus oryzae</i> . <i>Bioresource Technology</i> , 2004, 93, 77-83.	9.6	88
21	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.	9.6	88
22	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.	10.1	84
23	Enhanced cellulase production of the <i>Trichoderma viride</i> mutated by microwave and ultraviolet. <i>Microbiological Research</i> , 2010, 165, 190-198.	5.3	80
24	Enhanced colorimetric detection of norovirus using in-situ growth of Ag shell on Au NPs. <i>Biosensors and Bioelectronics</i> , 2019, 126, 425-432.	10.1	77
25	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.	3.6	74
26	Detection of influenza virus using peroxidase-mimic of gold nanoparticles. <i>Biotechnology and Bioengineering</i> , 2016, 113, 2298-2303.	3.3	72
27	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.	2.2	68
28	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.	2.2	60
29	Riboflavin production by <i>Ashbya gossypii</i> . <i>Biotechnology Letters</i> , 2012, 34, 611-618.	2.2	59
30	Fluorometric virus detection platform using quantum dots-gold nanocomposites optimizing the linker length variation. <i>Analytica Chimica Acta</i> , 2020, 1109, 148-157.	5.4	59
31	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
32	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.	2.6	56
33	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.	2.6	54
34	Lipase-catalyzed biodiesel production from waste activated bleaching earth as raw material in a pilot plant. <i>Bioresource Technology</i> , 2008, 99, 3130-3135.	9.6	54
35	Femtomolar Detection of Dengue Virus DNA with Serotype Identification Ability. <i>Analytical Chemistry</i> , 2018, 90, 12464-12474.	6.5	54
36	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.	10.1	54

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37	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.	3.8	54
38	Dual modality sensor using liposome-based signal amplification technique for ultrasensitive norovirus detection. <i>Biosensors and Bioelectronics</i> , 2020, 157, 112169.	10.1	48
39	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.	3.2	47
40	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
41	Efficient Cellulase Production by the Filamentous Fungus <i>Acremonium cellulolyticus</i> . <i>Biotechnology Progress</i> , 2007, 23, 333-338.	2.6	46
42	Non-toxic nanoparticles from phytochemicals: preparation and biomedical application. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 983-989.	3.4	46
43	An ultrasensitive SiO <sub>2</sub> -encapsulated alloyed CdZnSeS quantum dot-molecular beacon nanobiosensor for norovirus. <i>Biosensors and Bioelectronics</i> , 2016, 86, 135-142.	10.1	46
44	Multiple co-transfection and co-expression of human $\beta$ -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.	3.1	45
45	Recent progress on the development of antibiotics from the genus <i>Micromonospora</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2016, 21, 199-223.	2.6	45
46	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.	2.2	44
47	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.	3.1	44
48	Metal enhanced fluorescence on nanoporous gold leaf-based assay platform for virus detection. <i>Biosensors and Bioelectronics</i> , 2014, 58, 33-39.	10.1	44
49	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.	7.8	42
50	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.	3.6	41
51	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.	2.8	40
52	Waste paper sludge as a potential biomass for bio-ethanol production. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 253-261.	2.7	39
53	Plasmonic Nanomaterial-Based Optical Biosensing Platforms for Virus Detection. <i>Sensors</i> , 2017, 17, 2332.	3.8	39
54	Chemoenzymatic Synthesis of Sialoglycopolypeptides As Glycomimetics to Block Infection by Avian and Human Influenza Viruses. <i>Bioconjugate Chemistry</i> , 2009, 20, 538-549.	3.6	38

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55	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.	2.9	38
56	Relaxin-like factor (RLF)/insulin-like peptide 3 (INSL3) is secreted from testicular Leydig cells as a monomeric protein comprising three domains Bâ€“Câ€“A with full biological activity in boars. <i>Biochemical Journal</i> , 2012, 441, 265-273.	3.7	38
57	Binary Nanoparticle Graphene Hybrid Structure-Based Highly Sensitive Biosensing Platform for Norovirus-Like Particle Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 27298-27304.	8.0	38
58	Mycelial pellet intrastructure 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.	3.6	37
59	Molybdenum Trioxide Nanocubes Aligned on a Graphene Oxide Substrate for the Detection of Norovirus by Surface-Enhanced Raman Scattering. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 43522-43534.	8.0	37
60	Improvement of the production of GFPuv-?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.	3.3	36
61	Molecular Design of Spacer-N-Linked Sialoglycopolyptide as Polymeric Inhibitors Against Influenza Virus Infection. <i>Biomacromolecules</i> , 2009, 10, 1894-1903.	5.4	36
62	Sulfur-doped carbon dots@polydopamine-functionalized magnetic silver nanocubes for dual-modality detection of norovirus. <i>Biosensors and Bioelectronics</i> , 2021, 193, 113540.	10.1	36
63	Impedimetric biosensor for detection of cancer cells employing carbohydrate targeting ability of Concanavalin A. <i>Biosensors and Bioelectronics</i> , 2018, 122, 95-103.	10.1	35
64	Controlling distance, size and concentration of nanoconjugates for optimized LSPR based biosensors. <i>Biosensors and Bioelectronics</i> , 2020, 170, 112657.	10.1	34
65	Hollow magnetic-fluorescent nanoparticles for dual-modality virus detection. <i>Biosensors and Bioelectronics</i> , 2020, 170, 112680.	10.1	34
66	Boosting the energy storage performance of V<sub>2</sub>O<sub>5</sub> nanosheets by intercalating conductive graphene quantum dots. <i>Nanoscale</i> , 2020, 12, 16944-16955.	5.6	34
67	Fabrication of MERS-nanovesicle biosensor composed of multi-functional DNA aptamer/graphene-MoS2 nanocomposite based on electrochemical and surface-enhanced Raman spectroscopy. <i>Sensors and Actuators B: Chemical</i> , 2022, 352, 131060.	7.8	34
68	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.	2.1	33
69	Development of an Antibody-Based Assay for Determination of Baculovirus Titers in 10 Hours. <i>Biotechnology Progress</i> , 2002, 18, 647-651.	2.6	32
70	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.	3.3	32
71	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.	3.1	30
72	Quantum dots incorporated magnetic nanoparticles for imaging colon carcinoma cells. <i>Journal of Nanobiotechnology</i> , 2013, 11, 28.	9.1	30

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73	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.	2.5	30
74	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.	7.8	30
75	Comparison of the N-linked glycosylation of human $\beta$ 1,3-N-acetylglucosaminyltransferase 2 expressed in insect cells and silkworm larvae. <i>Journal of Biotechnology</i> , 2009, 143, 27-33.	3.8	29
76	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.	2.2	29
77	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.	4.6	29
78	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.	10.1	29
79	Plasmonic/magnetic graphene-based magnetofluoro-immunosensing platform for virus detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 276, 254-261.	7.8	29
80	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.	4.6	29
81	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.	2.2	29
82	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.	2.5	29
83	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.	5.8	28
84	Ultrasensitive Detection of the Hepatitis E Virus by Electrocatalytic Water Oxidation Using Pt-Co <sub>3</sub> O <sub>4</sub> Hollow Cages. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 50212-50221.	8.0	28
85	Self-assembled chromogen-loaded polymeric cocoon for respiratory virus detection. <i>Nanoscale</i> , 2021, 13, 388-396.	5.6	27
86	Comparative analysis of GFP <sup>UV</sup> - $\beta$ 1,3-N-acetylglucosaminyltransferase 2 production in two insect-cell-based expression systems. <i>Protein Expression and Purification</i> , 2004, 35, 54-61.	1.3	26
87	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.	3.6	26
88	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.	3.3	26
89	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.	3.8	26
90	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.	2.1	26

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91	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.	2.4	26
92	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.	3.5	26
93	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.	2.2	25
94	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.	2.1	25
95	Development of an effective electrochemical platform for highly sensitive DNA detection using MoS <sub>2</sub> - polyaniline nanocomposites. <i>Biochemical Engineering Journal</i> , 2018, 140, 130-139.	3.6	25
96	Empirical evaluation of cellulase on enzymatic hydrolysis of waste office paper. <i>Biotechnology and Bioprocess Engineering</i> , 2002, 7, 268-274.	2.6	24
97	Enhanced production of secretory $\hat{1}^{21}$ ,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.	3.8	24
98	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.	5.7	24
99	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.	5.8	24
100	Improvement of GFPuv- $\hat{1}^{23}$ GnT2 Fusion Protein Production by Suppressing Protease in Baculovirus Expression System. <i>Bioscience, Biotechnology and Biochemistry</i> , 2003, 67, 2388-2395.	1.3	23
101	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.	2.2	23
102	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.	2.2	22
103	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.	2.6	22
104	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.	2.4	22
105	Photoluminescence enhancement of quantum dots on Ag nanoneedles. <i>Nanoscale Research Letters</i> , 2012, 7, 438.	5.7	22
106	Synthesis of Gold Nanoparticles with Buffer-Dependent Variations of Size and Morphology in Biological Buffers. <i>Nanoscale Research Letters</i> , 2016, 11, 65.	5.7	22
107	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.	5.0	22
108	Advancement of capture immunoassay for real-time monitoring of hepatitis E virus-infected monkey. <i>Analytica Chimica Acta</i> , 2020, 1110, 64-71.	5.4	22



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109	The effects of N-glycosylation sites and the N-terminal region on the biological function of Î²1,3-N-acetylglucosaminyltransferase 2 and its secretion. <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 699-705.	2.1	21
110	High-performance Biosensing Systems Based on Various Nanomaterials as Signal Transducers. <i>Biotechnology Journal</i> , 2019, 14, e1800249.	3.5	21
111	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
112	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.	3.6	20
113	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.	2.6	20
114	The effect of cell cycle on GFPuv gene expression in the baculovirus expression system. <i>Journal of Biotechnology</i> , 2002, 93, 121-129.	3.8	19
115	N-Glycan Modification of a Recombinant Protein via Coexpression of Human Glycosyltransferases in Silkworm Pupae. <i>Scientific Reports</i> , 2017, 7, 1409.	3.3	19
116	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.	4.6	19
117	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.	1.9	18
118	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.	3.1	18
119	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.	3.0	18
120	Simultaneous saccharification and fermentation of paper sludge without pretreatment using cellulase from <i>Acremonium cellulolyticus</i> and thermotolerant <i>Saccharomyces cerevisiae</i> . <i>Biomass and Bioenergy</i> , 2012, 42, 114-122.	5.7	18
121	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.	2.6	18
122	Purification of virus-like particles (VLPs) expressed in the silkworm <i>Bombyx mori</i> . <i>Biotechnology Letters</i> , 2018, 40, 659-666.	2.2	18
123	Self-Assembled Chromogenic Polymeric Nanoparticle-Laden Nanocarrier as a Signal Carrier for Derivative Binary Responsive Virus Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 36868-36879.	8.0	18
124	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.	2.6	17
125	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.	3.1	17
126	Synthesis of sialoglycopolyptide for potentially blocking influenza virus infection using a rat Î±2,6-sialyltransferase expressed in BmNPV bacmid-injected silkworm larvae. <i>BMC Biotechnology</i> , 2009, 9, 54.	3.3	17



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127	Enhanced gene expression in insect cells and silkworm larva by modified polyhedrin promoter using repeated burst sequence and very late transcriptional factor. <i>Biotechnology and Bioengineering</i> , 2010, 107, 909-916.	3.3	17
128	Establishment of a <i>Bombyx mori</i> nucleopolyhedrovirus (BmNPV) hyper-sensitive cell line from the silkworm e21 strain. <i>Biotechnology Letters</i> , 2012, 34, 1773-1779.	2.2	17
129	Synthesis of tetravalent LacNAc-glycoclusters as high-affinity cross-linker against <i>Erythrina cristagalli</i> agglutinin. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1-11.	3.0	17
130	Fluoroimmunoassay of influenza virus using sulfur-doped graphitic carbon nitride quantum dots coupled with Ag <sub>2</sub> S nanocrystals. <i>Mikrochimica Acta</i> , 2020, 187, 466.	5.0	17
131	Plasmon Nanocomposite-Enhanced Optical and Electrochemical Signals for Sensitive Virus Detection. <i>ACS Sensors</i> , 2021, 6, 2605-2612.	7.8	17
132	Enzymatic Hydrolysis of Waste Office Paper Using Viscosity as Operating Parameter. <i>Biotechnology Progress</i> , 2001, 17, 379-382.	2.6	16
133	Efficient production of human $\beta$ -1,3-N-acetylglucosaminyltransferase-2 fused with green fluorescence protein in insect cell. <i>Biochemical Engineering Journal</i> , 2004, 19, 15-23.	3.6	16
134	Enhanced production of mouse $\alpha$ -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.	3.7	16
135	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.	1.3	16
136	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.	2.1	16
137	Efficient cellulase-catalyzed saccharification of untreated paper sludge targeting for biorefinery. <i>Biomass and Bioenergy</i> , 2010, 34, 1906-1913.	5.7	16
138	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.	9.6	16
139	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.	1.8	16
140	Metabolic comparison of aerial and submerged mycelia formed in the liquid surface culture of <i>Cordyceps militaris</i> . <i>MicrobiologyOpen</i> , 2019, 8, e00836.	3.0	16
141	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.	3.6	16
142	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.	9.6	15
143	Structural insight into the substrate specificity of <i>Bombyx mori</i> $\beta$ -fructofuranosidase belonging to the glycoside hydrolase family 32. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 127, 103494.	2.7	15
144	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.	9.1	15

#	ARTICLE	IF	CITATIONS
145	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
146	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.	2.6	14
147	Repeated production of fatty acid methyl ester with activated bleaching earth in solvent-free system. <i>Process Biochemistry</i> , 2006, 41, 1849-1853.	3.7	14
148	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.	2.6	14
149	Silkworm expression and sugar profiling of human immune cell surface receptor, KIR2DL1. <i>Biochemical and Biophysical Research Communications</i> , 2009, 387, 575-580.	2.1	14
150	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. <i>Biological Chemistry</i> , 2013, 394, 1181-1194.	2.5	14
151	Guided Bone Regeneration Using a Flexible Hydroxyapatite Patch. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1914-1920.	1.1	14
152	Isolation of Recombinant Phage Antibodies Targeting the Hemagglutinin Cleavage Site of Highly Pathogenic Avian Influenza Virus. <i>PLoS ONE</i> , 2013, 8, e61158.	2.5	14
153	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.	2.4	13
154	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.	2.6	13
155	Design and Synthesis of High-Avidity Tetravalent Glycoclusters as Probes for <i>Sambucus sieboldiana</i> Agglutinin and Characterization of their Binding Properties. <i>Bioconjugate Chemistry</i> , 2012, 23, 97-105.	3.6	13
156	Development of a diagnostic method for neosporosis in cattle using recombinant <i>Neospora caninum</i> proteins. <i>BMC Biotechnology</i> , 2012, 12, 19.	3.3	13
157	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.	3.8	13
158	Development of Two Murine Antibodies against <i>Neospora caninum</i> Using Phage Display Technology and Application on the Detection of <i>N. caninum</i> . <i>PLoS ONE</i> , 2013, 8, e53264.	2.5	13
159	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.	2.2	13
160	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.	2.8	13
161	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.	4.6	13
162	Evaluation of l-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.	2.6	12

#	ARTICLE	IF	CITATIONS
163	Molecular Chaperone-Assisted Production of Human $\beta$ -1,4-N-Acetylglucosaminyltransferase in Silkworm Larvae Using Recombinant BmNPV Bacmids. <i>Molecular Biotechnology</i> , 2009, 43, 67-75.	2.4	12
164	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.	3.8	12
165	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.	3.3	12
166	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.	3.3	12
167	Molybdenum Trioxide Quantum Dot-Encapsulated Nanogels for Virus Detection by Surface-Enhanced Raman Scattering on a 2D Substrate. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 27836-27844.	8.0	12
168	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.	1.0	12
169	Specific expression of GFPuv- $\beta$ 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.	2.1	11
170	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.	2.2	11
171	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.	2.2	11
172	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.	7.8	11
173	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.	3.5	11
174	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.	2.2	11
175	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.	4.6	11
176	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.	9.1	11
177	Crystal structure of the <i>Enterococcus faecalis</i> $\beta$ -N-acetylgalactosaminidase, a member of the glycoside hydrolase family 31. <i>FEBS Letters</i> , 2020, 594, 2282-2293.	2.8	11
178	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.	2.6	10
179	Improved insecticidal activity of a recombinant baculovirus expressing spider venom cyto-insectotoxin. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 10261-10269.	3.6	10
180	<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.	2.4	10

#	ARTICLE	IF	CITATIONS
181	The use of nanocrystal quantum dot as fluorophore reporters in molecular beacon-based assays. <i>Nano Convergence</i> , 2016, 3, 32.	12.1	10
182	Effects of Cordycepin in <i>Cordyceps militaris</i> during Its Infection to Silkworm Larvae. <i>Microorganisms</i> , 2021, 9, 681.	3.6	10
183	Structural basis of the strict specificity of a bacterial GH31 $\beta$ -1,3-glucosidase for nigerooligosaccharides. <i>Journal of Biological Chemistry</i> , 2022, 298, 101827.	3.4	10
184	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.	2.2	9
185	Genetic modification of a chicken expression system for the galactosylation of therapeutic proteins produced in egg white. <i>Transgenic Research</i> , 2012, 21, 63-75.	2.4	9
186	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
187	Plasmonic Oleylamine-Capped Gold and Silver Nanoparticle-Assisted Synthesis of Luminescent Alloyed CdZnSeS Quantum Dots. <i>ACS Omega</i> , 2018, 3, 1357-1366.	3.5	9
188	The effects of gene disruption of Kre6-like proteins on the phenotype of $\beta$ -glucan-producing <i>Aureobasidium pullulans</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 4467-4475.	3.6	9
189	Sero-diagnostic potential of <i>Plasmodium falciparum</i> recombinant merozoite surface protein (MSP)-3 expressed in silkworm. <i>Parasitology International</i> , 2019, 72, 101938.	1.3	9
190	Biochemical characterization and mutational analysis of silkworm <i>Bombyx mori</i> $\beta$ -1,4-N-acetylgalactosaminyltransferase and insight into the substrate specificity of $\beta$ -1,4-galactosyltransferase family enzymes. <i>Insect Biochemistry and Molecular Biology</i> , 2019, 115, 103254.	2.7	9
191	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.	3.4	9
192	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.	5.4	9
193	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.	1.7	8
194	Characterization of <i>Bombyx mori</i> nucleopolyhedrovirus with a deletion of bm118. <i>Virus Research</i> , 2008, 135, 220-229.	2.2	8
195	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
196	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.	3.6	8
197	Novel enzymatic synthesis of spacer-linked Pk trisaccharide targeting for neutralization of Shiga toxin. <i>Journal of Biotechnology</i> , 2015, 209, 50-57.	3.8	8
198	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.	2.9	8

#	ARTICLE	IF	CITATIONS
199	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.	4.1	8
200	Methylene blue-encapsulated liposomal biosensor for electrochemical detection of sphingomyelinase enzyme. <i>Sensors and Actuators B: Chemical</i> , 2019, 301, 127153.	7.8	8
201	<i>Neospora caninum</i> antigens displaying virus-like particles as a bivalent vaccine candidate against neosporosis. <i>Vaccine</i> , 2019, 37, 6426-6434.	3.8	8
202	Expression and characterization of silkworm <i>Bombyx mori</i> $\beta$ -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.	2.2	8
203	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.	3.3	8
204	Cargo encapsulated hepatitis E virus-like particles for anti-HEV antibody detection. <i>Biosensors and Bioelectronics</i> , 2021, 185, 113261.	10.1	8
205	Design and Analysis of a Single System of Impedimetric Biosensors for the Detection of Mosquito-Borne Viruses. <i>Biosensors</i> , 2021, 11, 376.	4.7	8
206	Recent Progress in Microbial Cultivation Techniques. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2004, 90, 1-33.	1.1	7
207	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.	2.6	7
208	Chemoenzymatic Synthesis of Glycan-arranged Polymeric Inhibitors against Influenza Virus Infection. <i>Journal of Applied Glycoscience</i> (1999), 2010, 57, 137-143.	0.7	7
209	Molecular Design of Fluorescent Labeled Glycosides as Acceptor Substrates for Sialyltransferases. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 2287-2292.	1.3	7
210	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.	2.2	7
211	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.	2.1	7
212	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.	2.2	7
213	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.	3.6	7
214	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.	1.3	7
215	Structure-function analysis of silkworm sucrose hydrolase uncovers the mechanism of substrate specificity in GH13 subfamily 17 exo- $\beta$ -glucosidases. <i>Journal of Biological Chemistry</i> , 2020, 295, 8784-8797.	3.4	7
216	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.	3.0	7

#	ARTICLE	IF	CITATIONS
217	Structure of a bacterial $\beta$ -1,2-glucosidase defines mechanisms of hydrolysis and substrate specificity in GH65 family hydrolases. <i>Journal of Biological Chemistry</i> , 2021, 297, 101366.	3.4	7
218	Application of a radial-flow bioreactor in the production of $\beta$ -1,3-N-acetylglucosaminyltransferase-2 fused with GFPuv using stably transformed insect cell lines. <i>Biotechnology and Applied Biochemistry</i> , 2005, 42, 41.	3.1	6
219	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.	3.3	6
220	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.	2.6	6
221	Toxic chemical monitoring of agricultural bioproducts using nanomaterials-based sensors. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 1825-1832.	2.7	6
222	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.	2.5	6
223	Nanofabricated optical tuning and epitaxial overgrowth of $\text{In}_2\text{S}_3$ shells on CdSe cores. <i>New Journal of Chemistry</i> , 2017, 41, 1303-1312.	2.8	6
224	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.	2.3	6
225	Formation of Virus-Like Particles of the Dengue Virus Serotype 2 Expressed in Silkworm Larvae. <i>Molecular Biotechnology</i> , 2019, 61, 852-859.	2.4	6
226	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.	2.6	5
227	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.	3.6	5
228	Production of scFv-displaying BmNPV in silkworm larvae and its efficient purification. <i>Biotechnology and Applied Biochemistry</i> , 2010, 57, 63-69.	3.1	5
229	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.	3.8	5
230	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.	2.2	5
231	Secretory Nanoparticles of <i>Neospora caninum</i> Profilin-Fused with the Transmembrane Domain of GP64 from Silkworm Hemolymph. <i>Nanomaterials</i> , 2019, 9, 593.	4.1	5
232	Draft Genome Sequence of <i>Aspergillus terreus</i> High-Itaconic-Acid-Productivity Mutant TN-484. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	5
233	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.	2.3	5
234	$\beta$ -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.	2.7	5



#	ARTICLE	IF	CITATIONS
235	Genomic analysis of a riboflavin-overproducing <i>Ashbya gossypii</i> mutant isolated by disparity mutagenesis. <i>BMC Genomics</i> , 2020, 21, 319.	2.8	5
236	Agglutination of Human Polyomaviruses by Using a Tetravalent Glycocluster as a Cross-Linker. <i>ACS Omega</i> , 2020, 5, 21940-21947.	3.5	5
237	Detection of Infectious Viruses using Advanced Nanobiotechnology for Green Society. , 2019, , 316-331.		5
238	Expression of mouse $\alpha$ -amylase gene in methylotrophic yeast <i>Pichia pastoris</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2000, 5, 7-12.	2.6	4
239	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.	2.1	4
240	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.	2.6	4
241	Heterologous expression, purification and characterization of human $\beta$ -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.	2.2	4
242	Silkworm Pupae Function as Efficient Producers of Recombinant Glycoproteins with Stable-Isotope Labeling. <i>Biomolecules</i> , 2020, 10, 1482.	4.0	4
243	Draft Genome Sequence of the <i>Aspergillus terreus</i> High-Itaconic-Acid-Productivity Strain IFO6365. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	4
244	Effects of sirtuins on the riboflavin production in <i>Ashbya gossypii</i> . <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 7813-7823.	3.6	4
245	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.	1.3	4
246	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.	2.2	3
247	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.	3.6	3
248	<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, , .	2.4	3
249	Quantitative screening of insect cell transformants stably expressing GFPuv- $\beta$ 1,3-N-acetylglucosaminyltransferase 2 fusion protein. <i>Biotechnology and Bioprocess Engineering</i> , 2005, 10, 275-279.	2.6	2
250	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.	2.2	2
251	Insulin-like peptide 3 expressed in the silkworm possesses intrinsic disulfide bonds and full biological activity. <i>Scientific Reports</i> , 2017, 7, 17339.	3.3	2
252	Conventional and unconventional secretory proteins expressed with silkworm bombyxin signal peptide display functional fidelity. <i>Scientific Reports</i> , 2017, 7, 14499.	3.3	2



