

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	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
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.	1.0	183
3	Silkworm expression system as a platform technology in life science. <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 459-470.	1.7	167
4	Magnetic Nanozyme-Linked Immunosorbent Assay for Ultrasensitive Influenza A Virus Detection. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 12534-12543.	4.0	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.	1.1	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.	5.3	138
7	Electrical pulse-induced electrochemical biosensor for hepatitis E virus detection. <i>Nature Communications</i> , 2019, 10, 3737.	5.8	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.	1.8	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.	5.3	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.	5.3	133
11	Biotechnology of riboflavin. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2107-2119.	1.7	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.	1.7	108
13	The structural basis for receptor recognition of human interleukin-18. <i>Nature Communications</i> , 2014, 5, 5340.	5.8	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.	1.8	107
15	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
16	Production of arachidonic acid by <i>Mortierella fungi</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2002, 7, 252-262.	1.4	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.	1.6	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.	1.6	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.	5.3	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.	4.8	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.	4.8	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.	5.3	84
23	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
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.	5.3	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.	1.7	74
26	Detection of influenza virus using peroxidase-mimic of gold nanoparticles. <i>Biotechnology and Bioengineering</i> , 2016, 113, 2298-2303.	1.7	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.	1.1	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.	1.1	60
29	Riboflavin production by <i>Ashbya gossypii</i> . <i>Biotechnology Letters</i> , 2012, 34, 611-618.	1.1	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.	2.6	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.	1.4	56
33	Efficient Production of L-(+)-Lactic Acid Using Mycelial Cotton-like Flocs of <i>Rhizopus oryzae</i> in an Air-Lift Bioreactor. <i>Biotechnology Progress</i> , 1998, 14, 699-704.	1.3	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.	4.8	54
35	Femtomolar Detection of Dengue Virus DNA with Serotype Identification Ability. <i>Analytical Chemistry</i> , 2018, 90, 12464-12474.	3.2	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.	5.3	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.	1.9	54
38	Dual modality sensor using liposome-based signal amplification technique for ultrasensitive norovirus detection. <i>Biosensors and Bioelectronics</i> , 2020, 157, 112169.	5.3	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.	1.6	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.	1.3	46
42	Non-toxic nanoparticles from phytochemicals: preparation and biomedical application. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 983-989.	1.7	46
43	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
44	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
45	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
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.	1.1	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.	1.4	44
48	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
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.	4.0	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.	1.7	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.	1.4	40
52	Waste paper sludge as a potential biomass for bio-ethanol production. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 253-261.	1.2	39
53	Plasmonic Nanomaterial-Based Optical Biosensing Platforms for Virus Detection. <i>Sensors</i> , 2017, 17, 2332.	2.1	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.	1.8	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.	1.4	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.	1.7	38
57	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
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.	1.7	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 & Interfaces</i> , 2020, 12, 43522-43534.	4.0	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.	1.7	36
61	Molecular Design of Spacer-N-Linked Sialoglycopolyptide as Polymeric Inhibitors Against Influenza Virus Infection. <i>Biomacromolecules</i> , 2009, 10, 1894-1903.	2.6	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.	5.3	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.	5.3	35
64	Controlling distance, size and concentration of nanoconjugates for optimized LSPR based biosensors. <i>Biosensors and Bioelectronics</i> , 2020, 170, 112657.	5.3	34
65	Hollow magnetic-fluorescent nanoparticles for dual-modality virus detection. <i>Biosensors and Bioelectronics</i> , 2020, 170, 112680.	5.3	34
66	Boosting the energy storage performance of V₂O₅ nanosheets by intercalating conductive graphene quantum dots. <i>Nanoscale</i> , 2020, 12, 16944-16955.	2.8	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.	4.0	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.	1.0	33
69	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
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.	1.6	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.	1.4	30
72	Quantum dots incorporated magnetic nanoparticles for imaging colon carcinoma cells. <i>Journal of Nanobiotechnology</i> , 2013, 11, 28.	4.2	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.	1.1	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.	4.0	30
75	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
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.	1.1	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.	2.3	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.	5.3	29
79	Plasmonic/magnetic graphene-based magnetofluoro-immunosensing platform for virus detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 276, 254-261.	4.0	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.	2.2	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.	1.1	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.	1.1	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.	2.9	28
84	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
85	Self-assembled chromogen-loaded polymeric cocoon for respiratory virus detection. <i>Nanoscale</i> , 2021, 13, 388-396.	2.8	27
86	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
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.	1.7	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.	1.7	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.	1.9	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.	1.0	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.	1.1	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.	1.7	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.	1.1	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.	1.1	25
95	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
96	Empirical evaluation of cellulase on enzymatic hydrolysis of waste office paper. <i>Biotechnology and Bioprocess Engineering</i> , 2002, 7, 268-274.	1.4	24
97	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
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.	3.1	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.	2.9	24
100	Improvement of GFPuv- β 23GnT2 Fusion Protein Production by Suppressing Protease in Baculovirus Expression System. <i>Bioscience, Biotechnology and Biochemistry</i> , 2003, 67, 2388-2395.	0.6	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.	1.1	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.	1.1	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.	1.3	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.	1.3	22
105	Photoluminescence enhancement of quantum dots on Ag nanoneedles. <i>Nanoscale Research Letters</i> , 2012, 7, 438.	3.1	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.	3.1	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.	2.5	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.	2.6	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.	1.0	21
110	Highâ€Performance Biosensing Systems Based on Various Nanomaterials as Signal Transducers. <i>Biotechnology Journal</i> , 2019, 14, e1800249.	1.8	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.	1.7	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.	1.4	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.	1.9	19
115	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
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.	2.2	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.	0.8	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.	1.4	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.	1.4	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.	2.9	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.	1.4	18
122	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
123	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
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.	1.4	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.	1.4	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.	1.7	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.	1.7	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.	1.1	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.	1.4	17
130	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
131	Plasmon Nanocomposite-Enhanced Optical and Electrochemical Signals for Sensitive Virus Detection. <i>ACS Sensors</i> , 2021, 6, 2605-2612.	4.0	17
132	Enzymatic Hydrolysis of Waste Office Paper Using Viscosity as Operating Parameter. <i>Biotechnology Progress</i> , 2001, 17, 379-382.	1.3	16
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