

# In Sik Chung

## List of Publications by Year in descending order

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62  
papers

734  
citations

516710

16  
h-index

642732

23  
g-index

62  
all docs

62  
docs citations

62  
times ranked

963  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved menthol production from chitosan-elicited suspension culture of <i>Mentha piperita</i> . <i>Biotechnology Letters</i> , 1998, 20, 1097-1099.	2.2	41
2	Recombinant canstatin inhibits angiopoietin-1-induced angiogenesis and lymphangiogenesis. <i>International Journal of Cancer</i> , 2012, 131, 298-309.	5.1	41
3	Expression of a recombinant chimeric protein of hepatitis A virus VP1-Fc using a replicating vector based on Beet curly top virus in tobacco leaves and its immunogenicity in mice. <i>Plant Cell Reports</i> , 2011, 30, 1513-1521.	5.6	36
4	Corosolic Acid Exhibits Anti-angiogenic and Anti-lymphangiogenic Effects on <i>In Vitro</i> Endothelial Cells and on an <i>In Vivo</i> CT-26 Colon Carcinoma Animal Model. <i>Phytotherapy Research</i> , 2015, 29, 714-723.	5.8	32
5	Effect of chitosan elicitation and media components on the production of anthraquinone colorants in madder ( <i>Rubia akane</i> Nakai) cell culture. <i>Biotechnology and Bioprocess Engineering</i> , 1999, 4, 300.	2.6	29
6	Improved expression of recombinant GFP using a replicating vector based on Beet curly top virus in leaf-disks and infiltrated <i>Nicotiana benthamiana</i> leaves. <i>Plant Molecular Biology</i> , 2007, 64, 103-112.	3.9	29
7	3-O-Acetyloleanolic acid inhibits VEGF-A-induced lymphangiogenesis and lymph node metastasis in an oral cancer sentinel lymph node animal model. <i>BMC Cancer</i> , 2018, 18, 714.	2.6	28
8	Cynandione A attenuates lipopolysaccharide-induced production of inflammatory mediators via MAPK inhibition and NF- $\kappa$ B inactivation in RAW264.7 macrophages and protects mice against endotoxin shock. <i>Experimental Biology and Medicine</i> , 2015, 240, 946-954.	2.4	27
9	Betulinic and oleanolic acids isolated from <i>Forsythia suspensa</i> Vahl inhibit urease activity of <i>Helicobacter pylori</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2009, 14, 140-145.	2.6	22
10	3-O-Acetyloleanolic Acid Induces Apoptosis in Human Colon Carcinoma Hct116 Cells. <i>Phytotherapy Research</i> , 2012, 26, 1541-1546.	5.8	21
11	Pomolic acid induces apoptosis in SK-OV-3 human ovarian adenocarcinoma cells through the mitochondrial-mediated intrinsic and death receptor-induced extrinsic pathways. <i>Oncology Letters</i> , 2013, 5, 386-390.	1.8	20
12	High-level expression of human glycosyltransferases in insect cells as biochemically active form. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 488-493.	2.1	19
13	Expression and immunogenicity of recombinant polypeptide VP1 of human hepatitis A virus in stably transformed fruitfly ( <i>Drosophila melanogaster</i> ) Schneider 2 cells. <i>Biotechnology and Applied Biochemistry</i> , 2009, 53, 101.	3.1	19
14	Expression and functional validation of heat-labile enterotoxin B (LTB) and cholera toxin B (CTB) subunits in transgenic rice ( <i>Oryza sativa</i> ). <i>SpringerPlus</i> , 2015, 4, 148.	1.2	18
15	Title is missing!. <i>Biotechnology Letters</i> , 2000, 22, 251-255.	2.2	17
16	OPTIMAL PRODUCTION AND IN VITRO ACTIVITY OF RECOMBINANT ENDOSTATIN FROM STABLY TRANSFORMED DROSOPHILA MELANOGASTER S2 CELLS. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2001, 37, 5.	1.5	17
17	Enhanced activity of recombinant $\beta$ -secretase from <i>Drosophila melanogaster</i> S2 cells transformed with cDNAs encoding human $\beta$ 1,4-galactosyltransferase and Gal $\beta$ 1,4-GlcNAc $\beta$ 2,6-sialyltransferase. <i>Journal of Biotechnology</i> , 2005, 116, 359-367.	3.8	16
18	Functional expression of recombinant canstatin in stably transformed <i>Drosophila melanogaster</i> S2 cells. <i>Protein Expression and Purification</i> , 2007, 52, 258-264.	1.3	16

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19	Recombinant canstatin inhibits VEGF $\alpha$ -induced lymphangiogenesis and metastasis in an oral squamous cell carcinoma SCC-VII animal model. <i>Cancer Medicine</i> , 2016, 5, 2977-2988.	2.8	16
20	Production of recombinant endostatin from stably transformed <i>Drosophila melanogaster</i> S2 cells. <i>Biotechnology Letters</i> , 1999, 21, 729-733.	2.2	15
21	Title is missing!. <i>Biotechnology Letters</i> , 2002, 24, 1353-1359.	2.2	15
22	Functional expression of recombinant tumstatin in stably transformed <i>Drosophila melanogaster</i> S2 cells. <i>Biotechnology Letters</i> , 2003, 25, 185-189.	2.2	14
23	Improved production of recombinant tumstatin in stably transformed <i>Trichoplusia ni</i> BTI Tn 5B1-4 cells. <i>Protein Expression and Purification</i> , 2004, 35, 69-75.	1.3	14
24	Simultaneous suppression of three genes related to brassinosteroid (BR) biosynthesis altered campesterol and BR contents, and led to a dwarf phenotype in <i>Arabidopsis thaliana</i> . <i>Plant Cell Reports</i> , 2010, 29, 397-402.	5.6	14
25	Tumstatin induces apoptosis mediated by Fas signaling pathway in oral squamous cell carcinoma SCC-VII cells. <i>Oncology Letters</i> , 2015, 10, 1016-1022.	1.8	14
26	Title is missing!. <i>Biotechnology Letters</i> , 1999, 13, 249-252.	0.5	12
27	Human colorectal cancer antigen GA733-2-Fc fused to endoplasmic reticulum retention motif KDEL enhances its immunotherapeutic effects. <i>Journal of Cancer Research and Therapeutics</i> , 2018, 14, 748.	0.9	12
28	Cytotoxic property of ultraviolet-induced rice phytoalexins to human colon carcinoma HCT-116 cells. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2013, 56, 237-241.	0.9	11
29	EXPRESSION OF RECOMBINANT ERYTHROPOIETIN IN STABLY TRANSFORMED DROSOPHILA MELANOGASTER S2 CELLS. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2000, 36, 348.	1.5	10
30	Title is missing!. <i>Biotechnology Letters</i> , 2001, 23, 1061-1066.	2.2	10
31	Effects of 6,8-Diprenylgenistein on VEGF-A-Induced Lymphangiogenesis and Lymph Node Metastasis in an Oral Cancer Sentinel Lymph Node Animal Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 770.	4.1	9
32	Functional expression of recombinant human ribonuclease/angiogenin inhibitor in stably transformed <i>Drosophila melanogaster</i> S2 cells. <i>Cytotechnology</i> , 2008, 57, 93-99.	1.6	8
33	Enhancement of Protein Productivity of Recombinant Hepatitis A Virus VP1 in Stably Transfected <i>Drosophila melanogaster</i> S2 Cells. <i>Journal of Bacteriology and Virology</i> , 2012, 42, 69.	0.1	8
34	3-O-Acetyloleanolic acid exhibits anti-angiogenic effects and induces apoptosis in human umbilical vein endothelial cells. <i>Biotechnology Letters</i> , 2013, 35, 1807-1815.	2.2	8
35	Robustaflavone induces G0/G1 cell cycle arrest and apoptosis in human umbilical vein endothelial cells and exhibits anti-angiogenic effects in vivo. <i>Scientific Reports</i> , 2020, 10, 11070.	3.3	8
36	Recombinant canstatin inhibits tumor growth in an orthotopic AT-84 oral squamous cell carcinoma model. <i>Biotechnology Letters</i> , 2010, 32, 189-194.	2.2	7

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37	Phosphorylation of cyclin O, a novel cyclin family protein containing a cyclin-like domain, is involved in the activation of cyclin-dependent kinase 2. <i>Oncology Letters</i> , 2014, 8, 2769-2775.	1.8	7
38	Expression and immunogenic analysis of recombinant polypeptides derived from capsid protein VP1 for developing subunit vaccine material against hepatitis A virus. <i>Protein Expression and Purification</i> , 2014, 100, 1-9.	1.3	6
39	The evolutionary dynamics of highly pathogenic avian influenza H5N1 in south-central Vietnam reveals multiple clades evolving from Chinese and Cambodian viruses. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2015, 42, 21-30.	1.6	6
40	Acetyloleonic acid inhibits angiotensin II-induced angiogenesis and lymphangiogenesis via suppression of angiotensin II/Tie2 signaling. <i>Phytotherapy Research</i> , 2020, 34, 359-367.	5.8	6
41	Title is missing!. <i>Biotechnology Letters</i> , 1997, 11, 191-194.	0.5	6
42	Production of recombinant endostatin from stably transformed <i>Trichoplusia ni</i> BTI Tn 5B1-4 cells. <i>Biotechnology Letters</i> , 2001, 23, 1931-1936.	2.2	5
43	Expression of recombinant endostatin in <i>Agrobacterium</i> -inoculated leaf disks of <i>Nicotiana tabacum</i> var. Xanthi. <i>Biotechnology Letters</i> , 2004, 26, 1433-1439.	2.2	5
44	Expression of recombinant cyclooxygenase 1 in <i>Drosophila melanogaster</i> S2 cells transformed with human $\beta$ 1,4-galactosyltransferase and Gal $\beta$ 1,4-GlcNAc $\pm$ 2,6-sialyltransferase. <i>Biotechnology Letters</i> , 2007, 29, 1803-1809.	2.2	5
45	Purification of human carcinoma antigen GA733-2 expressed in <i>Escherichia coli</i> and production of its polyclonal antibody in rabbit. <i>Animal Cells and Systems</i> , 2015, 19, 188-193.	2.2	5
46	Expression and characterization of recombinant $\beta$ -secretase from <i>Trichoplusia ni</i> BTI Tn5B1-4 cells transformed with cDNAs encoding human $\beta$ 1,4-galactosyltransferase and Gal $\beta$ 1,4-GlcNAc $\pm$ 2,6-sialyltransferase. <i>Protein Expression and Purification</i> , 2005, 44, 87-93.	1.3	3
47	Expression and Immunogenicity of a Recombinant Chimeric Protein of Human Colorectal Cancer Antigen GA733-2 and an Fc Antibody Fragment in Stably Transformed <i>Drosophila melanogaster</i> S2 Cells. <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 1435-1445.	2.9	3
48	Functional expression of <i>Arabidopsis thaliana</i> sterol glycosyltransferase from stably transformed <i>Drosophila melanogaster</i> S2 cells. <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 801-807.	2.6	3
49	Enhanced expression of recombinant human cyclooxygenase 1 from stably-transfected <i>Drosophila melanogaster</i> S2 cells by dimethyl sulfoxide is mediated by up-regulation of nitric oxide synthase and transcription factor Kr-h1. <i>Biotechnology Letters</i> , 2012, 34, 1243-1250.	2.2	3
50	Production of influenza virus-like particles from stably transfected <i>Trichoplusia ni</i> BT1 TN-5B1-4 cells. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 506-514.	2.6	3
51	Title is missing!. <i>Biotechnology Letters</i> , 1999, 13, 757-759.	0.5	2
52	Expression of a recombinant chimeric protein of human colorectal cancer antigen GA733-2 and Fc fragment of antibody using a replicating vector based on Beet curly top virus in infiltrated <i>Nicotiana benthamiana</i> leaves. <i>Plant Biotechnology Reports</i> , 2012, 6, 233-242.	1.5	2
53	Comparative Genotype Analysis of Hepatitis A Virus: Two One-Year Studies in South Korea in 2002 and 2011. <i>Journal of Bacteriology and Virology</i> , 2014, 44, 252.	0.1	2
54	Expression of a functional recombinant chimeric protein of human hepatitis A virus VP1 and an Fc antibody fragment in transgenic tomato plants. <i>Plant Biotechnology Reports</i> , 2014, 8, 243-249.	1.5	2

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55	Expression of Recombinant Rotavirus Proteins Harboring Antigenic Epitopes of the Hepatitis A Virus Polyprotein in Insect Cells. <i>Biomolecules and Therapeutics</i> , 2012, 20, 320-325.	2.4	2
56	Separation and purification of useful proteins using hydrogel ultrafiltration. <i>Biotechnology and Bioprocess Engineering</i> , 1997, 2, 113-116.	2.6	1
57	Expression of recombinant endostatin in <i>Agrobacterium</i> -inoculated leaf-disks of <i>Nicotiana tabacum</i> var. <i>xanthi</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2005, 80, 321-327.	2.3	1
58	Beneficial effects of the mixed adjuvant of CpG plus monophosphoryl lipid a in immunization with a recombinant protein vaccine for hepatitis A. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2013, 56, 95-98.	0.9	1
59	<i>Drosophila melanogaster</i> S2 cells are more suitable for the production of recombinant COX-1 than <i>Trichoplusia ni</i> BTI TN-5B1-4 cells. <i>Biotechnology and Bioprocess Engineering</i> , 2014, 19, 803-810.	2.6	1
60	Anti-inflammatory Effect of <i>Lactuca sativa</i> L. Extract in Human Umbilical Vein Endothelial Cells and Improvement of Lipid Levels in Mice Fed a High-fat Diet. <i>The Korean Journal of Food and Nutrition</i> , 2016, 29, 998-1007.	0.3	1
61	Biochemical analysis of BmNPV attachment to <i>Bombyx mori</i> BmN-4 cells. <i>Biotechnology and Bioprocess Engineering</i> , 1997, 2, 59-61.	2.6	0
62	Concentrating rotavirus and recombinant enhanced green fluorescent protein from <i>E. coli</i> using a temperature-sensitive hydrogel. <i>Biotechnology and Bioprocess Engineering</i> , 1999, 4, 224-225.	2.6	0