

Jin Cheol Yoo

List of Publications by Year in descending order

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84
papers

1,429
citations

361296

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414303

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all docs

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docs citations

85
times ranked

1569
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of Nrf2/HO-1 by Peptide YD1 Attenuates Inflammatory Symptoms through Suppression of TLR4/MYD88/NF- κ B Signaling Cascade. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5161.	1.8	15
2	Industrial attributes of β -glucanase produced by <i>Bacillus</i> sp. CSB55 and its potential application as bio-industrial catalyst. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 249-259.	1.7	4
3	Reduction of Oxidative Stress through Activating the Nrf2 mediated HO-1 Antioxidant Efficacy Signaling Pathway by MS15, an Antimicrobial Peptide from <i>Bacillus velezensis</i> . <i>Antioxidants</i> , 2020, 9, 934.	2.2	15
4	Response Surface Optimization of Culture Conditions for Cyclic Lipopeptide MS07 from <i>Bacillus siamensis</i> Reveals Diverse Insights Targeting Antimicrobial and Antibiofilm Activity. <i>Processes</i> , 2020, 8, 744.	1.3	11
5	Purification and identification of novel alkaline pectinase PNs31 from <i>Bacillus subtilis</i> CBS31 and its immobilization for bioindustrial applications. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 1942-1950.	1.2	6
6	A Novel Peptide Oligomer of Bacitracin Induces M1 Macrophage Polarization by Facilitating Ca ²⁺ Influx. <i>Nutrients</i> , 2020, 12, 1603.	1.7	16
7	Endoglucanase Produced by <i>Bacillus subtilis</i> Strain CBS31: Biochemical Characterization, Thermodynamic Study, Enzymatic Hydrolysis, and Bio-industrial Applications. <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 104-116.	1.4	19
8	Anticoccidial Effect of CS 32 Compounds Against <i>Eimeria tenella</i> Infection in Chickens. <i>Journal of Bacteriology and Virology</i> , 2020, 50, 55.	0.0	0
9	Production of Novel Polygalacturonase from <i>Bacillus paralicheniformis</i> CBS32 and Application to Depolymerization of Ramie Fiber. <i>Polymers</i> , 2019, 11, 1525.	2.0	15
10	<p>Comparative Analysis Of Anticholinergics Prescribed To Elderly Patients At A Korean Long-Term Care Facility According To Beers Criteria 2003, 2012, And 2015 And Anticholinergic-Burden Rating Scales: A Cross-Sectional Retrospective Study</p>. <i>Clinical Interventions in Aging</i> , 2019, Volume 14, 1963-1974.	1.3	5
11	A novel antioxidant peptide, purified from <i>Bacillus amyloliquefaciens</i> , showed strong antioxidant potential via Nrf-2 mediated heme oxygenase-1 expression. <i>Food Chemistry</i> , 2018, 239, 502-510.	4.2	59
12	Immobilization of an alkaline endopolygalacturonase purified from <i>Bacillus paralicheniformis</i> exhibits bioscouring of cotton fabrics. <i>Bioprocess and Biosystems Engineering</i> , 2018, 41, 1425-1436.	1.7	13
13	Glycin-rich antimicrobial peptide YD1 from <i>B. amyloliquefaciens</i> , induced morphological alteration in and showed affinity for plasmid DNA of <i>E. coli</i> . <i>AMB Express</i> , 2017, 7, 8.	1.4	25
14	A multifunctional alanine-rich anti-inflammatory peptide BCP61 showed potent inhibitory effects by inhibiting both NF- κ B and MAPK expression. <i>Inflammation</i> , 2017, 40, 688-696.	1.7	6
15	Antimicrobial Peptide from <i>Bacillus</i> Strain K1R Exhibits Ameliorative Potential Against Vancomycin-Resistant <i>Enterococcus</i> Group of Organisms. <i>International Journal of Peptide Research and Therapeutics</i> , 2017, 23, 419-430.	0.9	2
16	Antimicrobial peptide isolated from <i>Bacillus amyloliquefaciens</i> K14 revitalizes its use in combinatorial drug therapy. <i>Folia Microbiologica</i> , 2017, 62, 127-138.	1.1	29
17	Anticancer activity and antioxidant potential of <i>Aponogeton undulatus</i> against Ehrlich ascites carcinoma cells in Swiss albino mice. <i>Oncology Letters</i> , 2017, 14, 3169-3176.	0.8	21
18	A novel multifunctional peptide oligomer of bacitracin with possible bioindustrial and therapeutic applications from a Korean food-source <i>Bacillus</i> strain. <i>PLoS ONE</i> , 2017, 12, e0176971.	1.1	11

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19	Antimicrobial peptide from <i>Bacillus subtilis</i> CSB138: characterization, killing kinetics, and synergistic potency. <i>International Microbiology</i> , 2017, 20, 43-53.	1.1	19
20	A multi-tolerant low molecular weight mannanase from <i>Bacillus</i> sp. CSB39 and its compatibility as an industrial biocatalyst. <i>Enzyme and Microbial Technology</i> , 2016, 92, 76-85.	1.6	24
21	An extremely alkaline mannanase from <i>Streptomyces</i> sp. CS428 hydrolyzes galactomannan producing series of mannooligosaccharides. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 84.	1.7	23
22	Purification and characterization of chitinase showing antifungal and biodegradation properties obtained from <i>Streptomyces anulatus</i> CS242. <i>Archives of Pharmacal Research</i> , 2016, 39, 878-886.	2.7	35
23	Highly sensitive and selective dopamine detection by an amperometric biosensor based on tyrosinase/MWNT/GCE. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 3442-3447.	1.2	18
24	Selective determination of dopamine with an amperometric biosensor using electrochemically pretreated and activated carbon/tyrosinase/Nafion [®] -modified glassy carbon electrode. <i>Biotechnology and Bioprocess Engineering</i> , 2016, 21, 627-633.	1.4	31
25	Biochemical and Thermodynamic Characterization of a Novel, Low Molecular Weight Xylanase from <i>Bacillus Methylophilus</i> CSB40 Isolated from Traditional Korean Food. <i>Applied Biochemistry and Biotechnology</i> , 2016, 179, 126-142.	1.4	9
26	Anti-inflammatory function of 4-tert-butylphenyl salicylate through down-regulation of the NF-kappa B pathway. <i>Archives of Pharmacal Research</i> , 2016, 39, 429-436.	2.7	4
27	A novel low-molecular weight alkaline mannanase from <i>Streptomyces tendae</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 453-461.	1.4	11
28	Enhanced Production of Nargenicin A1 and Generation of Novel Glycosylated Derivatives. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 2934-2949.	1.4	22
29	Paired-termini antisense RNA mediated inhibition of DoxR in <i>Streptomyces peucetius</i> ATCC 27952. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 381-388.	1.4	6
30	An Extracellular Chitinase from <i>Streptomyces</i> sp. CS147 Releases N-acetyl-d-glucosamine (GlcNAc) as Principal Product. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 372-386.	1.4	11
31	Transesterification of Waste Cooking Oil by an Organic Solvent-Tolerant Alkaline Lipase from <i>Streptomyces</i> sp. CS273. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 1377-1389.	1.4	18
32	An ammonium sulfate sensitive chitinase from <i>Streptomyces</i> sp. CS501. <i>Archives of Pharmacal Research</i> , 2014, 37, 1522-1529.	2.7	7
33	A Novel Low Molecular Weight Endo-xylanase from <i>Streptomyces</i> sp. CS628 Cultivated in Wheat Bran. <i>Applied Biochemistry and Biotechnology</i> , 2014, 173, 1469-1480.	1.4	8
34	An alkaline and metallo-protein type endo xylanase from <i>Streptomyces</i> sp. CSWu-1. <i>Biotechnology and Bioprocess Engineering</i> , 2014, 19, 311-319.	1.4	1
35	Induction of cytochrome P450 3A1 expression by diallyl disulfide: Protective effects against cyclophosphamide-induced embryo-fetal developmental toxicity. <i>Food and Chemical Toxicology</i> , 2014, 69, 312-319.	1.8	10
36	An ammonium sulfate sensitive endoxylanase produced by <i>Streptomyces</i> . <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 819-825.	1.7	4

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37	Statistical optimization of a multivariate fermentation process for enhancing antibiotic activity of <i>Streptomyces</i> sp. CS392. <i>Archives of Pharmacal Research</i> , 2013, 36, 973-980.	2.7	3
38	A novel thermostable cellulase free xylanase stable in broad range of pH from <i>Streptomyces</i> sp. CS428. <i>Process Biochemistry</i> , 2013, 48, 1188-1196.	1.8	43
39	Isolation and Characterization of <i>Bacillus subtilis</i> MP56 with Antimicrobial Activity against MDR (Multi Drug Resistant) Strains. <i>Korean Journal of Microbiology</i> , 2013, 49, 90-94.	0.2	2
40	Effect of Different Biosynthetic Precursors on the Production of Nargenicin A1 from Metabolically Engineered <i>Nocardia</i> sp. CS682. <i>Journal of Microbiology and Biotechnology</i> , 2012, 22, 1127-1132.	0.9	11
41	Purification, biochemical properties and antithrombotic effect of a novel <i>Streptomyces</i> enzyme on carrageenan-induced mice tail thrombosis model. <i>Thrombosis Research</i> , 2012, 129, 176-182.	0.8	37
42	A novel thermotolerant and acidotolerant peptide produced by a <i>Bacillus</i> strain newly isolated from a fermented food (kimchi) shows activity against multidrug-resistant bacteria. <i>International Journal of Antimicrobial Agents</i> , 2012, 40, 80-83.	1.1	15
43	An Extremely Alkaline Novel Xylanase from a Newly Isolated <i>Streptomyces</i> Strain Cultivated in Corncob Medium. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 2017-2027.	1.4	20
44	An organic solvent-tolerant alkaline lipase from <i>Streptomyces</i> sp. CS268 and its application in biodiesel production. <i>Biotechnology and Bioprocess Engineering</i> , 2012, 17, 67-75.	1.4	29
45	An organic solvent-tolerant lipase from <i>Streptomyces</i> sp. CS133 for enzymatic transesterification of vegetable oils in organic media. <i>Process Biochemistry</i> , 2012, 47, 635-642.	1.8	34
46	Metabolic Engineering of <i>Nocardia</i> sp. CS682 for Enhanced Production of Nargenicin A1. <i>Applied Biochemistry and Biotechnology</i> , 2012, 166, 805-817.	1.4	16
47	A novel cold-adapted lipase, LP28, from a mesophilic <i>Streptomyces</i> strain. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 217-225.	1.7	7
48	A neutral lipase applicable in biodiesel production from a newly isolated <i>Streptomyces</i> sp. CS326. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 227-234.	1.7	14
49	A newly isolated <i>Streptomyces</i> sp. CS392 producing three antimicrobial compounds. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 247-254.	1.7	18
50	Synthesis and Conformation of Novel 4'-Fluorinated 5'-Deoxythreosyl Phosphonic Acid Nucleosides as Antiviral Agents. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 4007-4014.	1.0	8
51	Synthesis of Novel Difluoro-Cyclopropyl Guanine Nucleosides and Their Phosphonate Analogues as Potent Antiviral Agents. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2011, 30, 945-960.	0.4	6
52	Improvement of clavulanic acid production in <i>Streptomyces clavuligerus</i> by genetic manipulation of structural biosynthesis genes. <i>Biotechnology Letters</i> , 2011, 33, 1221-1226.	1.1	10
53	A novel alkaline lipase from <i>Ralstonia</i> with potential application in biodiesel production. <i>Bioresource Technology</i> , 2011, 102, 6104-6111.	4.8	68
54	A low molecular weight chymotrypsin-like novel fibrinolytic enzyme from <i>Streptomyces</i> sp. CS624. <i>Process Biochemistry</i> , 2011, 46, 1449-1455.	1.8	46

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55	Purification and characterization of a novel, highly potent fibrinolytic enzyme from <i>Paecilomyces tenuipes</i> . <i>Process Biochemistry</i> , 2011, 46, 1545-1553.	1.8	51
56	A new thermolabile alkaline phospholipase D from <i>Streptomyces</i> sp. CS628. <i>Biotechnology and Bioprocess Engineering</i> , 2010, 15, 595-602.	1.4	11
57	An Oxidant- and Organic Solvent-Resistant Alkaline Metalloprotease from <i>Streptomyces olivochromogenes</i> . <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 1457-1470.	1.4	9
58	Biosynthetic approach for the production of new aminoglycoside derivative. <i>Journal of Bioscience and Bioengineering</i> , 2010, 110, 109-112.	1.1	7
59	A novel fibrinolytic protease from <i>Streptomyces</i> sp. CS684. <i>Process Biochemistry</i> , 2010, 45, 88-93.	1.8	84
60	Characterization of CYP166B1 and its electron transfer system in <i>Streptomyces peucetius</i> var. <i>caesius</i> ATCC 27952. <i>Enzyme and Microbial Technology</i> , 2010, 46, 372-377.	1.6	4
61	Short Synthesis and Antiviral Activity of Acyclic Phosphonic Acid Nucleoside Analogues. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2009, 28, 150-164.	0.4	16
62	Synthesis and anti-HCV Evaluation of 4-ethyl and 2-methyl-carbodine Analogues. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2009, 28, 809-820.	0.4	6
63	Nargenicin enhances 1,25-dihydroxyvitamin D ₃ - and all-trans retinoic acid-induced leukemia cell differentiation via PKC β /MAPK pathways. <i>Biochemical Pharmacology</i> , 2009, 77, 1694-1701.	2.0	23
64	Characterization of RbmD (Glycosyltransferase in Ribostamycin Gene Cluster) through Neomycin Production Reconstituted from the Engineered <i>Streptomyces fradiae</i> BS1. <i>Molecules and Cells</i> , 2009, 27, 83-88.	1.0	5
65	Cloning and characterization of CalS7 from <i>Micromonospora echinospora</i> sp. <i>calichensis</i> as a glucose-1-phosphate nucleotidyltransferase. <i>Biotechnology Letters</i> , 2009, 31, 147-153.	1.1	6
66	A novel alkalo- and thermostable phospholipase D from <i>Streptomyces olivochromogenes</i> . <i>Biotechnology Letters</i> , 2009, 31, 429-435.	1.1	19
67	Quantitative analysis of nargenicin in <i>Nocardia</i> sp. CS682 culture by high performance liquid chromatography. <i>Archives of Pharmacal Research</i> , 2009, 32, 335-340.	2.7	7
68	Monoclonal antibody production and immunochemical detection of polyether antibiotics. <i>Archives of Pharmacal Research</i> , 2009, 32, 437-441.	2.7	4
69	A novel Ca ²⁺ -dependent phospholipase D from <i>Streptomyces tendae</i> , possessing only hydrolytic activity. <i>Archives of Pharmacal Research</i> , 2009, 32, 1461-1467.	2.7	8
70	A novel low molecular weight phospholipase D from <i>Streptomyces</i> sp. CS684. <i>Bioresource Technology</i> , 2009, 100, 1388-1393.	4.8	19
71	Nargenicin attenuates lipopolysaccharide-induced inflammatory responses in BV-2 cells. <i>NeuroReport</i> , 2009, 20, 1007-1012.	0.6	9
72	Functional characterization of orf6 and orf9 genes involved in the biosynthesis of L-oleandrose from <i>Streptomyces antibioticus</i> TÅ¼99. <i>Biotechnology and Bioprocess Engineering</i> , 2008, 13, 752-757.	1.4	1

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73	Production, isolation and biological activity of nargenicin from <i>Nocardia</i> sp. CS682. <i>Archives of Pharmacal Research</i> , 2008, 31, 1339-1345.	2.7	45
74	ENHANCEMENT OF 1,25-DIHYDROXYVITAMIN D ₃ - AND ALL-TRANS RETINOIC ACID-INDUCED DIFFERENTIATION OF HUMAN LEUKEMIA HL-60 CELLS BY BLOOD SHELL, <i>SCAPHARCA BROUGHTONII</i> . <i>Journal of Food Biochemistry</i> , 2008, 32, 96-106.	1.2	3
75	Novel Synthesis and Anti-HIV Activity of 4 ^β -Branched Exomethylene Carbocyclic Nucleosides Using a Ring-Closing Metathesis of Triene. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2008, 27, 1238-1249.	0.4	3
76	Efficient Synthesis of 4 ^β -Cyclopropylated Carbovir Analogues with Use of Ring-Closing Metathesis from Glycolate. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2008, 27, 1186-1196.	0.4	8
77	Inhibition of Interleukin-12 Production in Mouse Macrophages via Suppression of Nuclear Factor- κ B Binding Activity by <i>Phyllostachys nigra</i> var. <i>henonis</i> . <i>Immunopharmacology and Immunotoxicology</i> , 2007, 29, 131-139.	1.1	12
78	Enhancement of 1,25-Dihydroxyvitamin D ₃ and all-TransRetinoic Acid-Induced Differentiation of Human Leukemia HL-60 Cells by <i>Phyllostachys nigra</i> var. <i>henonis</i> . <i>Immunopharmacology and Immunotoxicology</i> , 2007, 29, 119-129.	1.1	8
79	Inhibition of mouse macrophages interleukin-12 production : Suppression of nuclear factor- κ B binding activity by a specific factor isolated from <i>scapharca broughtonii</i> . <i>Archives of Pharmacal Research</i> , 2007, 30, 350-354.	2.7	0
80	Purification and biochemical properties of phospholipase d (PLD57) produced by <i>Streptomyces</i> sp. CS-57. <i>Archives of Pharmacal Research</i> , 2007, 30, 1302-1308.	2.7	20
81	Production and biological activity of laidlomycin, anti-MRSA/VRE antibiotic from <i>Streptomyces</i> sp. CS684. <i>Journal of Microbiology</i> , 2007, 45, 6-10.	1.3	47
82	Biosynthesis of dTDP-6-deoxy- β -D-allose, biochemical characterization of dTDP-4-keto-6-deoxyglucose reductase (GerKI) from <i>Streptomyces</i> sp. KCTC 0041BP. <i>Glycobiology</i> , 2006, 17, 119-126.	1.3	11
83	Prevalence and characterization of vancomycin-resistant enterococci in chicken intestines and humans of Korea. <i>Archives of Pharmacal Research</i> , 2004, 27, 246-253.	2.7	13
84	Reversal of P-glycoprotein-mediated multidrug resistance by 5,6,7,3 ^β ,4 ^β -pentamethoxyflavone (Sinensetin). <i>Biochemical and Biophysical Research Communications</i> , 2002, 295, 832-840.	1.0	50