San-Lang Wang

List of Publications by Year
in descending order

163 papers	5,526 citations	76326 40 h-index	118850 62 g-index
168 all docs	168 docs citations	168 times ranked	3863 citing authors

#	Article	IF	Citations
1	Production and purification of protease from a Bacillus subtilis that can deproteinize crustacean wastesâ˜†. Enzyme and Microbial Technology, 2000, 26, 406-413.	3.2	223
2	Bioconversion of shellfish chitin wastes for the production of Bacillus subtilis W-118 chitinase. Carbohydrate Research, 2006, 341, 2507-2515.	2.3	136
3	Purification and Characterization of Two Antifungal Chitinases Extracellularly Produced byBacillus amyloliquefaciensV656 in a Shrimp and Crab Shell Powder Medium. Journal of Agricultural and Food Chemistry, 2002, 50, 2241-2248.	5.2	122
4	Preparation and sorption activity of chitosan/cellulose blend beads. Carbohydrate Polymers, 2003, 54, 425-430.	10.2	116
5	Protease produced by Pseudomonas aeruginosa K-187 and its application in the deproteinization of shrimp and crab shell wastes. Enzyme and Microbial Technology, 2000, 27, 3-10.	3.2	96
6	Recent Advances in Exopolysaccharides from Paenibacillus spp.: Production, Isolation, Structure, and Bioactivities. Marine Drugs, 2015, 13, 1847-1863.	4.6	95
7	Reclamation of chitinous materials by bromelain for the preparation of antitumor and antifungal materials. Bioresource Technology, 2008, 99, 4386-4393.	9.6	92
8	The antitumor activity of the hydrolysates of chitinous materials hydrolyzed by crude enzyme from Bacillus amyloliquefaciens V656. Process Biochemistry, 2007, 42, 527-534.	3.7	91
9	Preparation of NPK nanofertilizer based on chitosan nanoparticles and its effect on biophysical characteristics and growth of coffee in green house. Research on Chemical Intermediates, 2019, 45, 51-63.	2.7	90
10	Preparation of chitosan nanoparticles by TPP ionic gelation combined with spray drying, and the antibacterial activity of chitosan nanoparticles and a chitosan nanoparticleâ€“amoxicillin complex. Research on Chemical Intermediates, 2017, 43, 3527-3537.	2.7	87
11	Bioconversion of chitin-containing wastes for the production of enzymes and bioactive materials. Carbohydrate Polymers, 2011, 84, 732-742.	10.2	85
12	Deproteinization of Shrimp and Crab Shell with the Protease of Pseudomonas Aeruginosa K-187. Enzyme and Microbial Technology, 1998, 22, 629-633.	3.2	83
13	Preparation of chitosan nanoparticles by spray drying, and their antibacterial activity. Research on Chemical Intermediates, 2014, 40, 2165-2175.	2.7	83
14	An Antifungal Chitinase Produced by Bacillus cereus with Shrimp and Crab Shell Powder as a Carbon Source. Current Microbiology, 2003, 47, 102-108.	2.2	82
15	A solvent stable metalloprotease produced by Bacillus sp. TKU004 and its application in the deproteinization of squid pen for Î²-chitin preparation. Enzyme and Microbial Technology, 2006, 39, 724-731.	3.2	81
16	Reclamation of Fishery Processing Waste: A Mini-Review. Molecules, 2019, 24, 2234.	3.8	78
17	Production of a surfactant- and solvent-stable alkaliphilic protease by bioconversion of shrimp shell wastes fermented by Bacillus subtilis TKU007. Process Biochemistry, 2006, 41, 1545-1552.	3.7	75
18	Chitin extraction from shrimp waste by liquid fermentation using an alkaline protease-producing strain, Brevibacillus parabrevis. International Journal of Biological Macromolecules, 2019, 131, 706-715.	7.5	75

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19	Microbial reclamation of shellfish wastes for the production of chitinases. Enzyme and Microbial Technology, 2001, 28, 376-382.	3.2	74
20	Purification and Characterization of Protease and Chitinase from Bacillus cereus TKU006 and Conversion of Marine Wastes by These Enzymes. Marine Biotechnology, 2009, 11, 334-344.	2.4	74
21	Purification and Characterization of an Antimicrobial Chitinase Extracellularly Produced byMonascus purpureusCCRC31499 in a Shrimp and Crab Shell Powder Medium. Journal of Agricultural and Food Chemistry, 2002, 50, 2249-2255.	5.2	71
22	Purification and characterization of three novel keratinolytic metalloproteases produced by Chryseobacterium indologenes TKU014 in a shrimp shell powder medium. Bioresource Technology, 2008, 99, 5679-5686.	9.6	71
23	Purification and characterization of chitinases and chitosanases from a new species strain Pseudomonas sp. TKU015 using shrimp shells as a substrate. Carbohydrate Research, 2008, 343, 1171-1179.	2.3	71
24	Purification and characterization of a chitosanase from Serratia marcescens TKU011. Carbohydrate Research, 2008, 343, 1316-1323.	2.3	69
25	A novel nattokinase produced by Pseudomonas sp. TKU015 using shrimp shells as substrate. Process Biochemistry, 2009, 44, 70-76.	3.7	68
26	Purification and biochemical characterization of a nattokinase by conversion of shrimp shell with Bacillus subtilis TKU007. New Biotechnology, 2011, 28, 196-202.	4.4	66
27	Production of xylanases from rice bran by Streptomyces actuosus A-151. Enzyme and Microbial Technology, 2003, 33, 917-925.	3.2	65
28	Exopolysaccharides and Antimicrobial Biosurfactants Produced by Paenibacillus macerans TKU029. Applied Biochemistry and Biotechnology, 2014, 172, 933-950.	2.9	64
29	Fermented and enzymatic production of chitin/chitosan oligosaccharides by extracellular chitinases from Bacillus cereus TKU027. Carbohydrate Polymers, 2012, 90, 1305-1313.	10.2	62
30	An Amphiprotic Novel Chitosanase from Bacillus mycoides and Its Application in the Production of Chitooligomers with Their Antioxidant and Anti-Inflammatory Evaluation. International Journal of Molecular Sciences, 2016, 17, 1302.	4.1	62
31	An antifungal chitinase produced by Bacillus subtilis using chitin waste as a carbon source. World Journal of Microbiology and Biotechnology, 2010, 26, 945-950.	3.6	60
32	Production and Characterization of Antioxidant Properties of Exopolysaccharide(s) from Peanibacillus mucilaginosus TKU032. Marine Drugs, 2016, 14, 40.	4.6	60
33	Purification and characterization of a serine protease extracellularly produced by Aspergillus fumigatus in a shrimp and crab shell powder medium. Enzyme and Microbial Technology, 2005, 36, 660-665.	3.2	56
34	Purification of chitinase/chitosanase from Bacillus cereus and discovery of an enzyme inhibitor. International Journal of Biological Macromolecules, 2014, 63, 8-14.	7.5	56
35	Optimization of conditions for protease production by Chryseobacterium taeanense TKU001. Bioresource Technology, 2008, 99, 3700-3707.	9.6	54
36	Production and purification of a protease, a chitosanase, and chitin oligosaccharides by Bacillus cereus TKU022 fermentation. Carbohydrate Research, 2012, 362, 38-46.	2.3	51

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37	Production and purification of a fungal chitosanase and chitooligomers from Penicillium janthinellum D4 and discovery of the enzyme activators. Carbohydrate Polymers, 2014, 108, 331-337.	10.2	51
38	Production of antifungal compounds by Pseudomonas aeruginosa K-187 using shrimp and crab shell powder as a carbon source. Enzyme and Microbial Technology, 1999, 25, 142-148.	3.2	48
39	Production of antimicrobial compounds by Monascus purpureus CCRC31499 using shrimp and crab shell powder as a carbon source. Enzyme and Microbial Technology, 2002, 31, 337-344.	3.2	48
40	Pseudomonas taiwanensis sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2094-2098.	1.7	48
41	Conversion and degradation of shellfish wastes by Serratia sp. TKU016 fermentation for the production of enzymes and bioactive materials. Biodegradation, 2010, 21, 321-333.	3.0	41
42	Enhanced production of insecticidal prodigiosin from Serratia marcescens TKU011 in media containing squid pen. Process Biochemistry, 2012, 47, 1684-1690.	3.7	41
43	Purification and characterization of a protease extracellularly produced by Monascus purpureus CCRC31499 in a shrimp and crab shell powder medium. Enzyme and Microbial Technology, 2006, 38, 74-80.	3.2	40
44	Purification and characterization of a novel catechol 1,2-dioxygenase from Pseudomonas aeruginosa with benzoic acid as a carbon source. Process Biochemistry, 2006, 41, 1594-1601.	3.7	40
45	Reversible Immobilization of Chitinase via Coupling to Reversibly Soluble Polymer. Enzyme and Microbial Technology, 1998, 22, 634-640.	3.2	39
46	The isolation of chitinase from Streptomyces thermocarboxydus and its application in the preparation of chitin oligomers. Research on Chemical Intermediates, 2019, 45, 727-742.	2.7	39
47	Purification and characterization of a novel alkali-stable Î±-amylase from Chryseobacterium taeanense TKU001, and application in antioxidant and prebiotic. Process Biochemistry, 2011, 46, 745-750.	3.7	38
48	Production and characterization of exopolysaccharides and antioxidant from Paenibacillus sp. TKU023. New Biotechnology, 2011, 28, 559-565.	4.4	37
49	Conversion of squid pen by Serratia ureilytica for the production of enzymes and antioxidants. Bioresource Technology, 2009, 100, 316-323.	9.6	36
50	Microbial reclamation of squid pen for the production of a novel extracellular serine protease by Lactobacillus paracasei subsp paracasei TKU012. Bioresource Technology, 2008, 99, 3411-3417.	9.6	35
51	Utilization of Fishery Processing By-Product Squid Pens for Î±-Glucosidase Inhibitors Production by Paenibacillus sp.. Marine Drugs, 2017, 15, 274.	4.6	35
52	Effects of Zn/B nanofertilizer on biophysical characteristics and growth of coffee seedlings in a greenhouse. Research on Chemical Intermediates, 2018, 44, 4889-4901.	2.7	34
53	Anti-Oxidant and Anti-Diabetes Potential of Water-Soluble Chitosanâ€"Glucose Derivatives Produced by Maillard Reaction. Polymers, 2019, 11, 1714.	4.5	34
54	Reclamation of Marine Chitinous Materials for the Production of Î±-Glucosidase Inhibitors via Microbial Conversion. Marine Drugs, 2017, 15, 350.	4.6	33

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55	Reclamation of Marine Chitinous Materials for Chitosanase Production via Microbial Conversion by Paenibacillus macerans. Marine Drugs, 2018, 16, 429.	4.6	33
56	Microbial reclamation of fish processing wastes for the production of fish sauce. Enzyme and Microbial Technology, 2003, 33, 154-162.	3.2	32
57	Reversible immobilization of lysozyme via coupling to reversibly soluble polymer. Enzyme and Microbial Technology, 2003, 33, 643-649.	3.2	32
58	New novel Î±â€“glucosidase inhibitors produced by microbial conversion. Process Biochemistry, 2018, 65, 228-232.	3.7	32
59	Production of a Thermostable Chitosanase from Shrimp Heads via Paenibacillus mucilaginosus TKU032 Conversion and its Application in the Preparation of Bioactive Chitosan Oligosaccharides. Marine Drugs, 2019, 17, 217.	4.6	32
60	Purification and characterization of extracellular lipases from Pseudomonas monteilii TKU009 by the use of soybeans as the substrate. Journal of Industrial Microbiology and Biotechnology, 2009, 36, 65-73.	3.0	31
61	Biodegradation of shellfish wastes and production of chitosanases by a squid pen-assimilating bacterium, Acinetobacter calcoaceticus TKU024. Biodegradation, 2011, 22, 939-948.	3.0	31
62	Isolation and Identification of a Novel Antioxidant with Antitumour Activity from Serratia ureilytica Using Squid Pen as Fermentation Substrate. Marine Biotechnology, 2011, 13, 451-461.	2.4	31
63	Novel Efficient Bioprocessing of Marine Chitins into Active Anticancer Prodigiosin. Marine Drugs, 2020, 18, 15.	4.6	31
64	Purification and Properties of Three Xylanases from<i>Aspergillus aculeatus</i>. Bioscience, Biotechnology and Biochemistry, 1995, 59, 538-540.	1.3	29
65	Chitinolytic Bacteria-Assisted Conversion of Squid Pen and Its Effect on Dyes and Pigments Adsorption. Marine Drugs, 2015, 13, 4576-4593.	4.6	29
66	Screening and evaluation of Î±-glucosidase inhibitors from indigenous medicinal plants in Dak Lak Province, Vietnam. Research on Chemical Intermediates, 2017, 43, 3599-3612.	2.7	29
67	Study of Novel Endophytic Bacteria for Biocontrol of Black Pepper Root-knot Nematodes in the Central Highlands of Vietnam. Agronomy, 2019, 9, 714.	3.0	29
68	Enhancement of Prodigiosin Production by <i>Serratia marcescens</i> TKU011 and Its Insecticidal Activity Relative to Food Colorants. Journal of Food Science, 2013, 78, M1743-51.	3.1	28
69	Purification and characterization of a chitosanase from a nattokinase producing strain Bacillus subtilis TKU007. Process Biochemistry, 2008, 43, 132-138.	3.7	27
70	New Records of Potent In-Vitro Antidiabetic Properties of Dalbergia tonkinensis Heartwood and the Bioactivity-Guided Isolation of Active Compounds. Molecules, 2018, 23, 1589.	3.8	27
71	Biosynthesis of Î±-Glucosidase Inhibitors by a Newly Isolated Bacterium, Paenibacillus sp. TKU042 and Its Effect on Reducing Plasma Glucose in a Mouse Model. International Journal of Molecular Sciences, 2017, 18, 700.	4.1	26
72	Isolation and Identification of Potent Antidiabetic Compounds from Antrodia cinnamomeaâ€"An Edible Taiwanese Mushroom. Molecules, 2018, 23, 2864.	3.8	26

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73	Production and Bioactivity-Guided Isolation of Antioxidants with Î±-Glucosidase Inhibitory and Anti-NO Properties from Marine Chitinous Materials. Molecules, 2018, 23, 1124.	3.8	26
74	Production and Potential Applications of Bioconversion of Chitin and Protein-Containing Fishery Byproducts into Prodigiosin: A Review. Molecules, 2020, 25, 2744.	3.8	26
75	Reclamation of squid pen by Bacillus licheniformis TKU004 for the production of thermally stable and antimicrobial biosurfactant. Biocatalysis and Agricultural Biotechnology, 2012, 1, 62-69.	3.1	25
76	Microbial reclamation of squid pens and shrimp shells. Research on Chemical Intermediates, 2017, 43, 3445-3462.	2.7	25
77	A potent antifungal rhizobacteria Bacillus velezensis RB.DS29 isolated from black pepper (Piper nigrum) Tj ETQq1 1 0.784314 rgBT /Ove	2.7	25
78	Bioprocessing of Marine Chitinous Wastes for the Production of Bioactive Prodigiosin. Molecules, 2021, 26, 3138.	3.8	25
79	Anti-oxidant and antidiabetic effect of some medicinal plants belong to Terminalia species collected in Dak Lak Province, Vietnam. Research on Chemical Intermediates, 2016, 42, 5859-5871.	2.7	24
80	Conversion of Squid Pens to Chitosanases and Proteases via Paenibacillus sp. TKU042. Marine Drugs, 2018, 16, 83.	4.6	24
81	Production of potent antidiabetic compounds from shrimp head powder via Paenibacillus conversion. Process Biochemistry, 2019, 76, 18-24.	3.7	24
82	Utilization of Crab Waste for Cost-Effective Bioproduction of Prodigiosin. Marine Drugs, 2020, 18, 523.	4.6	24
83	In vitro antioxidant activity of liquor and semi-purified fractions from fermented squid pen biowaste by Serratia ureilytica TKU013. Food Chemistry, 2010, 119, 1380-1385.	8.2	23
84	Conversion of squid pen by Pseudomonas aeruginosa K187 fermentation for the production of N-acetyl chitooligosaccharides and biofertilizers. Carbohydrate Research, 2010, 345, 880-885.	2.3	23
85	Production, purification and characterisation of a chitosanase from Bacillus cereus. Research on Chemical Intermediates, 2014, 40, 2237-2248.	2.7	23
86	Conversion of Squid Pen to Homogentisic Acid via Paenibacillus sp. TKU036 and the Antioxidant and Anti-Inflammatory Activities of Homogentisic Acid. Marine Drugs, 2016, 14, 183.	4.6	23
87	Porcine pancreatic Î±-amylase inhibitors from Euonymus laxiflorus Champ.. Research on Chemical Intermediates, 2017, 43, 259-269.	2.7	23
88	An Exochitinase with N-Acetyl-Î²-Glucosaminidase-Like Activity from Shrimp Head Conversion by Streptomyces speibonae and Its Application in Hydrolyzing Î²-Chitin Powder to Produce N-Acetyl-d-Glucosamine. Polymers, 2019, 11, 1600.	4.5	23
89	Bioconversion of squid pen by Lactobacillus paracasei subsp paracasei TKU010 for the production of proteases and lettuce growth enhancing biofertilizers. Bioresource Technology, 2008, 99, 5436-5443.	9.6	22
90	Conversion and degradation of shellfish wastes by Bacillus cereus TKU018 fermentation for the production of chitosanases and bioactive materials. Biochemical Engineering Journal, 2009, 48, 111-117.	3.6	22

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91	Utilization of squid pen for the efficient production of chitosanase and antioxidants through prolonged autoclave treatment. Carbohydrate Research, 2009, 344, 979-984.	2.3	22
92	Microbial reclamation of squid pen. Biocatalysis and Agricultural Biotechnology, 2012, 1, 177-180.	3.1	22
93	Production of antifungal materials by bioconversion of shellfish chitin wastes fermented by Pseudomonas fluorescens K-188. Enzyme and Microbial Technology, 2005, 36, 49-56.	3.2	21
94	An antifungal protease produced by Pseudomonas aeruginosa M-1001 with shrimp and crab shell powder as a carbon source. Enzyme and Microbial Technology, 2006, 39, 311-317.	3.2	21
95	Utilisation of chitinous materials in pigment adsorption. Food Chemistry, 2012, 135, 1134-1140.	8.2	21
96	Applied development of crude enzyme from Bacillus cereus in prebiotics and microbial community changes in soil. Carbohydrate Polymers, 2013, 92, 2141-2148.	10.2	21
97	Conversion of Shrimp Head Waste for Production of a Thermotolerant, Detergent-Stable, Alkaline Protease by Paenibacillus sp.. Catalysts, 2019, 9, 798.	3.5	21
98	Antioxidant and cytotoxic activity of lichens collected from Bidoup Nui Ba National Park, Vietnam. Research on Chemical Intermediates, 2019, 45, 33-49.	2.7	21
99	Tyrosinase inhibitors and insecticidal materials produced by Burkholderia cepacia using squid pen as the sole carbon and nitrogen source. Research on Chemical Intermediates, 2014, 40, 2249-2258.	2.7	20
100	Reclamation of shrimp heads for the production of Î±-glucosidase inhibitors by Staphylococcus sp. TKU043. Research on Chemical Intermediates, 2018, 44, 4929-4937.	2.7	20
101	Anti-Î±-Glucosidase Activity by a Protease from Bacillus licheniformis. Molecules, 2019, 24, 691.	3.8	20
102	Purification and characterization of chitinase from a new species strain Pseudomonas sp. TKU008. Journal of Microbiology and Biotechnology, 2010, 20, 1001-1005.	2.1	20
103	Production, Purification and Characterization of the Hen Eggâ€White Lysozyme Inhibitor from <i>Enterobacter cloacae</i> Mâ€1002. Journal of the Chinese Chemical Society, 1997, 44, 349-355.	1.4	19
104	Two novel surfactant-stable alkaline proteases from Vibrio fluvialis TKU005 and their applications. Enzyme and Microbial Technology, 2007, 40, 1213-1220.	3.2	19
105	Application of Chitinous Materials in Production and Purification of a Poly(l-lactic acid) Depolymerase from Pseudomonas tamsuii TKU015. Polymers, 2016, 8, 98.	4.5	19
106	Conversion of squid pens to chitosanases and dye adsorbents via Bacillus cereus. Research on Chemical Intermediates, 2018, 44, 4903-4911.	2.7	19
107	Microbial Reclamation of Chitin and Protein-Containing Marine By-Products for the Production of Prodigiosin and the Evaluation of Its Bioactivities. Polymers, 2020, 12, 1328.	4.5	19
108	Conversion of squid pen by using Serratia sp. TKU020 fermentation for the production of enzymes, antioxidants, and N-acetyl chitooligosaccharides. Process Biochemistry, 2009, 44, 854-861.	3.7	18

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109	Reclamation of rhizobacteria newly isolated from black pepper plant roots as potential biocontrol agents of root-knot nematodes. Research on Chemical Intermediates, 2019, 45, 5293-5307.	2.7	18
110	Phytophthora Antagonism of Endophytic Bacteria Isolated from Roots of Black Pepper (Piper nigrum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.0	18
111	Thermal properties and characterization of surface-treated RSF-reinforced polylactide composites. Polymer Bulletin, 2013, 70, 3221-3239.	3.3	17
112	Purification of a thermostable chitinase from Bacillus cereus by chitin affinity and its application in microbial community changes in soil. Bioprocess and Biosystems Engineering, 2014, 37, 1201-1209.	3.4	17
113	Squid Pen Chitin Chitooligomers as Food Colorants Absorbers. Marine Drugs, 2015, 13, 681-696.	4.6	17
114	Coagulation of Chitin Production Wastewater from Shrimp Scraps with By-Product Chitosan and Chemical Coagulants. Polymers, 2020, 12, 607.	4.5	17
115	Bioproduction of Prodigiosin from Fishery Processing Waste Shrimp Heads and Evaluation of Its Potential Bioactivities. Fishes, 2021, 6, 30.	1.7	17
116	Bioprocessing of Squid Pens Waste into Chitosanase by Paenibacillus sp. TKU047 and Its Application in Low-Molecular Weight Chitosan Oligosaccharides Production. Polymers, 2020, 12, 1163.	4.5	17
117	Conversion of shrimp heads to Î±-glucosidase inhibitors via co-culture of Bacillus mycoides TKU040 and Rhizobium sp. TKU041. Research on Chemical Intermediates, 2018, 44, 4597-4607.	2.7	16
118	Novel Potent Hypoglycemic Compounds from Euonymus laxiflorus Champ. and Their Effect on Reducing Plasma Glucose in an ICR Mouse Model. Molecules, 2018, 23, 1928.	3.8	16
119	Utilization of By-Product of Groundnut Oil Processing for Production of Prodigiosin by Microbial Fermentation and Its Novel Potent Anti-Nematodes Effect. Agronomy, 2022, 12, 41.	3.0	16
120	Utilization of Cassava Wastewater for Low-Cost Production of Prodigiosin via Serratia marcescens TNU01 Fermentation and Its Novel Potent Î±-Glucosidase Inhibitory Effect. Molecules, 2021, 26, 6270.	3.8	15
121	Degradation of chitin and production of bioactive materials by bioconversion of squid pens. Carbohydrate Polymers, 2009, 78, 205-212.	10.2	14
122	Free radical scavenging and antidiabetic activities of Euonymus laxiflorus Champ. extract. Research on Chemical Intermediates, 2017, 43, 5615-5624.	2.7	14
123	Microbial Conversion of Shrimp Heads to Proteases and Chitin as an Effective Dye Adsorbent. Polymers, 2020, 12, 2228.	4.5	14
124	Conversion of Pectin-Containing By-Products to Pectinases by Bacillus amyloliquefaciens and Its Applications on Hydrolyzing Banana Peels for Prebiotics Production. Polymers, 2021, 13, 1483.	4.5	14
125	Purification and Characterization of a Chitosanase and a Protease by Conversion of Shrimp Shell Wastes Fermented by <i>Serratia Marcescens Subsp. Sakuensis</i> TKU019. Journal of the Chinese Chemical Society, 2010, 57, 857-863.	1.4	13
126	Environmental chitinous materials as adsorbents for one-step purification of protease and chitosanase. Research on Chemical Intermediates, 2014, 40, 2363-2369.	2.7	13

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127	Isolation and identification of novel Î±-amylase inhibitors from Euonymus laxiflorus Champ.. Research on Chemical Intermediates, 2018, 44, 1411-1424.	2.7	13
128	In vitro Î±-glucosidase and Î±-amylase inhibition, and in vivo anti-hyperglycemic effects of Psidium littorale Raddi leaf extract. Research on Chemical Intermediates, 2018, 44, 1745-1753.	2.7	13
129	Bioactivity-Guided Purification of Novel Herbal Antioxidant and Anti-NO Compounds from Euonymus laxiflorus Champ.. Molecules, 2019, 24, 120.	3.8	13
130	Proteases Production and Chitin Preparation from the Liquid Fermentation of Chitinous Fishery By-Products by Paenibacillus elgii. Marine Drugs, 2021, 19, 477.	4.6	13
131	Production of Thermophilic Chitinase by Paenibacillus sp. TKU052 by Bioprocessing of Chitinous Fishery Wastes and Its Application in N-acetyl-D-glucosamine Production. Polymers, 2021, 13, 3048.	4.5	13
132	2-Pyridone-based fluorophores containing 4-dialkylamino-phenyl group: Synthesis and fluorescence properties in solutions and in solid state. Dyes and Pigments, 2016, 124, 196-202.	3.7	12
133	Potential Application of Rhizobacteria Isolated from the Central Highland of Vietnam as an Effective Biocontrol Agent of Robusta Coffee Nematodes and as a Bio-Fertilizer. Agronomy, 2021, 11, 1887.	3.0	12
134	Conversion of shrimp shell by using Serratia sp. TKU017 fermentation for the production of enzymes and antioxidants. Journal of Microbiology and Biotechnology, 2010, 20, 117-126.	2.1	12
135	Conversion of squid pen by a novel strain Lactobacillus paracasei subsp. paracasei TKU010, and its application in antimicrobial and antioxidants activity. Journal of General and Applied Microbiology, 2010, 56, 481-489.	0.7	11
136	A Novel Compound with Antioxidant Activity Produced by Serratia ureilytica TKU013. Journal of Agricultural and Food Chemistry, 2012, 60, 9043-9047.	5.2	11
137	Utilization of Seafood Processing By-Products for Production of Proteases by Paenibacillus sp. TKU052 and Their Application in Biopeptidesâ€™ Preparation. Marine Drugs, 2020, 18, 574.	4.6	11
138	Conversion of Wheat Bran to Xylanases and Dye Adsorbent by Streptomyces thermocarboxydus. Polymers, 2021, 13, 287.	4.5	11
139	Synthesis of 6-(4-diethylamino)phenyl-2-oxo-2H-pyran-3-carbonitorile derivatives and their fluorescence in solid state and in solutions. Dyes and Pigments, 2012, 92, 1069-1074.	3.7	10
140	Production of insecticidal materials from Pseudomonas tamsuii. Research on Chemical Intermediates, 2015, 41, 7965-7971.	2.7	9
141	Bioprocessing shrimp shells for rat intestinal Î±-glucosidase inhibitor and its effect on reducing blood glucose in a mouse model. Research on Chemical Intermediates, 2019, 45, 4829-4846.	2.7	9
142	Novel Î±-Amylase Inhibitor Hemi-Pyocyanin Produced by Microbial Conversion of Chitinous Discards. Marine Drugs, 2022, 20, 283.	4.6	9
143	Biodegradation and microbial community changes upon shrimp shell wastes amended in mangrove river sediment. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2010, 45, 473-477.	1.5	8
144	New indications of potential rat intestinal Î±-glucosidase inhibition by Syzygium zeylanicum (L.) and its hypoglycemic effect in mice. Research on Chemical Intermediates, 2019, 45, 6061-6071.	2.7	7

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145	Frontier chemistry and materials for the twenty-first century, No. 3: preface. Research on Chemical Intermediates, 2019, 45, 1-1.	2.7	7
146	Plant growth promotion and fungal antagonism of endophytic bacteria for the sustainable production of black pepper (Piper nigrum L.). Research on Chemical Intermediates, 2019, 45, 5325-5339.	2.7	6
147	Reclamation of beneficial bioactivities of herbal antioxidant condensed tannin extracted from Euonymus laxiflorus. Research on Chemical Intermediates, 2020, 46, 4751-4766.	2.7	6
148	Utilization of Fishery-Processing By-Product Squid Pens for Scale-Up Production of Phenazines via Microbial Conversion and Its Novel Potential Antinematode Effect. Fishes, 2022, 7, 113.	1.7	6
149	Isolation and characterization of a novel hen egg white lysozyme inhibitor from Bacillus subtilis I-139.. Agricultural and Biological Chemistry, 1990, 54, 1129-1136.	0.3	5
150	Tyrosinase inhibitory activity of supernatant and semi-purified extracts from squid pen fermented with Burkholderia cepacia TKU025. Research on Chemical Intermediates, 2015, 41, 6105-6116.	2.7	5
151	Production of Sucrolytic Enzyme by Bacillus licheniformis by the Bioconversion of Pomelo Albedo as a Carbon Source. Polymers, 2021, 13, 1959.	4.5	4
152	Conversion of shrimp shell by using Serratia sp. TKU017 fermentation for the production of enzymes and antioxidants. Journal of Microbiology and Biotechnology, 2010, 20, 117-26.	2.1	4
153	Effect of Terminalia nigrovenulosa extracts and their isolated compounds on intracellular ROS generation and MMP expression in HT1080 cells. Research on Chemical Intermediates, 2016, 42, 2055-2073.	2.7	3
154	Some properties of hen egg white lysozyme inhibitor from Bacillus subtilis I-139.. Agricultural and Biological Chemistry, 1990, 54, 2447-2448.	0.3	2
155	Lysozyme inhibitory activity of DNA from Bacillus subtilis I-139.. Agricultural and Biological Chemistry, 1990, 54, 1289-1290.	0.3	1
156	Isolation and Characterization of a Novel Hen Egg White Lysozyme Inhibitor fromBacillus subtilisI-139. Agricultural and Biological Chemistry, 1990, 54, 1129-1136.	0.3	1
157	Inhibition of lysozyme activity by acidic polymers.. Agricultural and Biological Chemistry, 1991, 55, 1401-1402.	0.3	1
158	Synthesis of Indeno[1,2â€‹<i>d</i>]pyrimidinâ€5â€Ones and Their Fluorescence in Solid State. Journal of Heterocyclic Chemistry, 2016, 53, 414-420.	2.6	1
159	Conversion of Fishery Waste to Proteases by Streptomyces speibonae and Their Application in Antioxidant Preparation. Fishes, 2022, 7, 140.	1.7	1
160	Lysozyme Inhibitory Activity of DNA from<i>Bacillus subtilis</i>I-139. Agricultural and Biological Chemistry, 1990, 54, 1289-1290.	0.3	0
161	Some Properties of Hen Egg White Lysozyme Inhibitor from<i>Bacillus subtilis</i>I-139. Agricultural and Biological Chemistry, 1990, 54, 2447-2448.	0.3	0
162	Inhibition of Lysozyme Activity by Acidic Polymers. Agricultural and Biological Chemistry, 1991, 55, 1401-1402.	0.3	0

#	Article	IF	Citations
163	Foreword. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2010, 45, 347-347.	1.5	0