

# Van Bon Nguyen

## List of Publications by Year in descending order

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54  
papers

1,228  
citations

279701

23  
h-index

434063

31  
g-index

55  
all docs

55  
docs citations

55  
times ranked

686  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reclamation of Fishery Processing Waste: A Mini-Review. <i>Molecules</i> , 2019, 24, 2234.	1.7	78
2	Chitin extraction from shrimp waste by liquid fermentation using an alkaline protease-producing strain, <i>Brevibacillus parabrevis</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 131, 706-715.	3.6	75
3	Production and purification of a fungal chitosanase and chitoooligomers from <i>Penicillium janthinellum</i> D4 and discovery of the enzyme activators. <i>Carbohydrate Polymers</i> , 2014, 108, 331-337.	5.1	51
4	The isolation of chitinase from <i>Streptomyces thermocarboxydus</i> and its application in the preparation of chitin oligomers. <i>Research on Chemical Intermediates</i> , 2019, 45, 727-742.	1.3	39
5	Utilization of Fishery Processing By-Product Squid Pens for $\alpha$ -Glucosidase Inhibitors Production by <i>Paenibacillus</i> sp.. <i>Marine Drugs</i> , 2017, 15, 274.	2.2	35
6	Anti-Oxidant and Anti-Diabetes Potential of Water-Soluble Chitosan-Glucose Derivatives Produced by Maillard Reaction. <i>Polymers</i> , 2019, 11, 1714.	2.0	34
7	Reclamation of Marine Chitinous Materials for the Production of $\alpha$ -Glucosidase Inhibitors via Microbial Conversion. <i>Marine Drugs</i> , 2017, 15, 350.	2.2	33
8	Reclamation of Marine Chitinous Materials for Chitosanase Production via Microbial Conversion by <i>Paenibacillus macerans</i> . <i>Marine Drugs</i> , 2018, 16, 429.	2.2	33
9	New novel $\alpha$ -glucosidase inhibitors produced by microbial conversion. <i>Process Biochemistry</i> , 2018, 65, 228-232.	1.8	32
10	Production of a Thermostable Chitosanase from Shrimp Heads via <i>Paenibacillus mucilaginosus</i> TKU032 Conversion and its Application in the Preparation of Bioactive Chitosan Oligosaccharides. <i>Marine Drugs</i> , 2019, 17, 217.	2.2	32
11	Novel Efficient Bioprocessing of Marine Chitins into Active Anticancer Prodigiosin. <i>Marine Drugs</i> , 2020, 18, 15.	2.2	31
12	Screening and evaluation of $\alpha$ -glucosidase inhibitors from indigenous medicinal plants in Dak Lak Province, Vietnam. <i>Research on Chemical Intermediates</i> , 2017, 43, 3599-3612.	1.3	29
13	Study of Novel Endophytic Bacteria for Biocontrol of Black Pepper Root-knot Nematodes in the Central Highlands of Vietnam. <i>Agronomy</i> , 2019, 9, 714.	1.3	29
14	New Records of Potent In-Vitro Antidiabetic Properties of <i>Dalbergia tonkinensis</i> Heartwood and the Bioactivity-Guided Isolation of Active Compounds. <i>Molecules</i> , 2018, 23, 1589.	1.7	27
15	Biosynthesis of $\alpha$ -Glucosidase Inhibitors by a Newly Isolated Bacterium, <i>Paenibacillus</i> sp. TKU042 and Its Effect on Reducing Plasma Glucose in a Mouse Model. <i>International Journal of Molecular Sciences</i> , 2017, 18, 700.	1.8	26
16	Isolation and Identification of Potent Antidiabetic Compounds from <i>Antrodia cinnamomea</i> —An Edible Taiwanese Mushroom. <i>Molecules</i> , 2018, 23, 2864.	1.7	26
17	Production and Bioactivity-Guided Isolation of Antioxidants with $\alpha$ -Glucosidase Inhibitory and Anti-NO Properties from Marine Chitinous Materials. <i>Molecules</i> , 2018, 23, 1124.	1.7	26
18	Production and Potential Applications of Bioconversion of Chitin and Protein-Containing Fishery Byproducts into Prodigiosin: A Review. <i>Molecules</i> , 2020, 25, 2744.	1.7	26

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19	A potent antifungal rhizobacteria <i>Bacillus velezensis</i> RB.DS29 isolated from black pepper ( <i>Piper nigrum</i> ) Tj ETQq1 1.0,784314 rgBT /Ove	1.3	25
20	Bioprocessing of Marine Chitinous Wastes for the Production of Bioactive Prodigiosin. <i>Molecules</i> , 2021, 26, 3138.	1.7	25
21	Anti-oxidant and antidiabetic effect of some medicinal plants belong to <i>Terminalia</i> species collected in Dak Lak Province, Vietnam. <i>Research on Chemical Intermediates</i> , 2016, 42, 5859-5871.	1.3	24
22	Conversion of Squid Pens to Chitosanases and Proteases via <i>Paenibacillus</i> sp. TKU042. <i>Marine Drugs</i> , 2018, 16, 83.	2.2	24
23	Production of potent antidiabetic compounds from shrimp head powder via <i>Paenibacillus</i> conversion. <i>Process Biochemistry</i> , 2019, 76, 18-24.	1.8	24
24	Utilization of Crab Waste for Cost-Effective Bioproduction of Prodigiosin. <i>Marine Drugs</i> , 2020, 18, 523.	2.2	24
25	Porcine pancreatic $\hat{\alpha}$ -amylase inhibitors from <i>Euonymus laxiflorus</i> Champ.. <i>Research on Chemical Intermediates</i> , 2017, 43, 259-269.	1.3	23
26	An Exochitinase with N-Acetyl- $\hat{\alpha}$ -Glucosaminidase-Like Activity from Shrimp Head Conversion by <i>Streptomyces speibonae</i> and Its Application in Hydrolyzing $\hat{\alpha}$ -Chitin Powder to Produce N-Acetyl-d-Glucosamine. <i>Polymers</i> , 2019, 11, 1600.	2.0	23
27	Conversion of Shrimp Head Waste for Production of a Thermotolerant, Detergent-Stable, Alkaline Protease by <i>Paenibacillus</i> sp.. <i>Catalysts</i> , 2019, 9, 798.	1.6	21
28	Reclamation of shrimp heads for the production of $\hat{\alpha}$ -glucosidase inhibitors by <i>Staphylococcus</i> sp. TKU043. <i>Research on Chemical Intermediates</i> , 2018, 44, 4929-4937.	1.3	20
29	Anti- $\hat{\alpha}$ -Glucosidase Activity by a Protease from <i>Bacillus licheniformis</i> . <i>Molecules</i> , 2019, 24, 691.	1.7	20
30	Conversion of squid pens to chitosanases and dye adsorbents via <i>Bacillus cereus</i> . <i>Research on Chemical Intermediates</i> , 2018, 44, 4903-4911.	1.3	19
31	Microbial Reclamation of Chitin and Protein-Containing Marine By-Products for the Production of Prodigiosin and the Evaluation of Its Bioactivities. <i>Polymers</i> , 2020, 12, 1328.	2.0	19
32	Reclamation of rhizobacteria newly isolated from black pepper plant roots as potential biocontrol agents of root-knot nematodes. <i>Research on Chemical Intermediates</i> , 2019, 45, 5293-5307.	1.3	18
33	Phytophthora Antagonism of Endophytic Bacteria Isolated from Roots of Black Pepper ( <i>Piper nigrum</i> ) Tj ETQq1 1.0,784314 rgBT /Ove	1.3	18
34	Bioproduction of Prodigiosin from Fishery Processing Waste Shrimp Heads and Evaluation of Its Potential Bioactivities. <i>Fishes</i> , 2021, 6, 30.	0.7	17
35	Bioprocessing of Squid Pens Waste into Chitosanase by <i>Paenibacillus</i> sp. TKU047 and Its Application in Low-Molecular Weight Chitosan Oligosaccharides Production. <i>Polymers</i> , 2020, 12, 1163.	2.0	17
36	Conversion of shrimp heads to $\hat{\alpha}$ -glucosidase inhibitors via co-culture of <i>Bacillus mycoides</i> TKU040 and <i>Rhizobium</i> sp. TKU041. <i>Research on Chemical Intermediates</i> , 2018, 44, 4597-4607.	1.3	16

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37	Novel Potent Hypoglycemic Compounds from <i>Euonymus laxiflorus</i> Champ. and Their Effect on Reducing Plasma Glucose in an ICR Mouse Model. <i>Molecules</i> , 2018, 23, 1928.	1.7	16
38	Utilization of By-Product of Groundnut Oil Processing for Production of Prodigiosin by Microbial Fermentation and Its Novel Potent Anti-Nematodes Effect. <i>Agronomy</i> , 2022, 12, 41.	1.3	16
39	Utilization of Cassava Wastewater for Low-Cost Production of Prodigiosin via <i>Serratia marcescens</i> TNU01 Fermentation and Its Novel Potent $\alpha$ -Glucosidase Inhibitory Effect. <i>Molecules</i> , 2021, 26, 6270.	1.7	15
40	Free radical scavenging and antidiabetic activities of <i>Euonymus laxiflorus</i> Champ. extract. <i>Research on Chemical Intermediates</i> , 2017, 43, 5615-5624.	1.3	14
41	Conversion of Pectin-Containing By-Products to Pectinases by <i>Bacillus amyloliquefaciens</i> and Its Applications on Hydrolyzing Banana Peels for Prebiotics Production. <i>Polymers</i> , 2021, 13, 1483.	2.0	14
42	Isolation and identification of novel $\alpha$ -amylase inhibitors from <i>Euonymus laxiflorus</i> Champ.. <i>Research on Chemical Intermediates</i> , 2018, 44, 1411-1424.	1.3	13
43	Bioactivity-Guided Purification of Novel Herbal Antioxidant and Anti-NO Compounds from <i>Euonymus laxiflorus</i> Champ.. <i>Molecules</i> , 2019, 24, 120.	1.7	13
44	Proteases Production and Chitin Preparation from the Liquid Fermentation of Chitinous Fishery By-Products by <i>Paenibacillus elgii</i> . <i>Marine Drugs</i> , 2021, 19, 477.	2.2	13
45	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. <i>Agronomy</i> , 2021, 11, 1887.	1.3	12
46	Utilization of Seafood Processing By-Products for Production of Proteases by <i>Paenibacillus</i> sp. TKU052 and Their Application in Biopeptides <sup>®</sup> Preparation. <i>Marine Drugs</i> , 2020, 18, 574.	2.2	11
47	Bioprocessing shrimp shells for rat intestinal $\alpha$ -glucosidase inhibitor and its effect on reducing blood glucose in a mouse model. <i>Research on Chemical Intermediates</i> , 2019, 45, 4829-4846.	1.3	9
48	Novel $\alpha$ -Amylase Inhibitor Hemi-Pyocyanin Produced by Microbial Conversion of Chitinous Discards. <i>Marine Drugs</i> , 2022, 20, 283.	2.2	9
49	New indications of potential rat intestinal $\alpha$ -glucosidase inhibition by <i>Syzygium zeylanicum</i> (L.) and its hypoglycemic effect in mice. <i>Research on Chemical Intermediates</i> , 2019, 45, 6061-6071.	1.3	7
50	Plant growth promotion and fungal antagonism of endophytic bacteria for the sustainable production of black pepper ( <i>Piper nigrum</i> L.). <i>Research on Chemical Intermediates</i> , 2019, 45, 5325-5339.	1.3	6
51	Reclamation of beneficial bioactivities of herbal antioxidant condensed tannin extracted from <i>Euonymus laxiflorus</i> . <i>Research on Chemical Intermediates</i> , 2020, 46, 4751-4766.	1.3	6
52	Utilization of Fishery-Processing By-Product Squid Pens for Scale-Up Production of Phenazines via Microbial Conversion and Its Novel Potential Antinematode Effect. <i>Fishes</i> , 2022, 7, 113.	0.7	6
53	Production of Sucrolytic Enzyme by <i>Bacillus licheniformis</i> by the Bioconversion of Pomelo Albedo as a Carbon Source. <i>Polymers</i> , 2021, 13, 1959.	2.0	4
54	Conversion of Fishery Waste to Proteases by <i>Streptomyces speibonae</i> and Their Application in Antioxidant Preparation. <i>Fishes</i> , 2022, 7, 140.	0.7	1