

Tomoshisa Ogawa

List of Publications by Year in descending order

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papers

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116194

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docs citations

131
times ranked

3862
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Antioxidative Properties of Tripeptide Libraries Prepared by the Combinatorial Chemistry. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 3668-3674. | 2.4 | 317 |
| 2 | Accelerated evolution of crotalinae snake venom gland serine proteases. <i>FEBS Letters</i> , 1996, 397, 83-88. | 1.3 | 153 |
| 3 | Molecular diversity and accelerated evolution of C-type lectin-like proteins from snake venom. <i>Toxicon</i> , 2005, 45, 1-14. | 0.8 | 151 |
| 4 | Target-Specific Chemical Acylation of Lectins by Ligand-Tethered DMAP Catalysts. <i>Journal of the American Chemical Society</i> , 2008, 130, 245-251. | 6.6 | 131 |
| 5 | Isolation and Characterization of Rhamnose-binding Lectins from Eggs of Steelhead Trout (<i>Oncorhynchus mykiss</i>) Homologous to Low Density Lipoprotein Receptor Superfamily. <i>Journal of Biological Chemistry</i> , 1998, 273, 19190-19197. | 1.6 | 114 |
| 6 | Diversified Carbohydrate-Binding Lectins from Marine Resources. <i>Journal of Amino Acids</i> , 2011, 2011, 1-20. | 5.8 | 92 |
| 7 | Isolation and characterization of protein fractions from deoiled rice bran. <i>European Food Research and Technology</i> , 2009, 228, 391-401. | 1.6 | 89 |
| 8 | Molecular evolution of myotoxic phospholipases A2 from snake venom. <i>Toxicon</i> , 2003, 42, 841-854. | 0.8 | 87 |
| 9 | Purification and characterization of antioxidative peptides derived from rice bran protein hydrolysates. <i>European Food Research and Technology</i> , 2009, 228, 553-563. | 1.6 | 83 |
| 10 | The function of rhamnose-binding lectin in innate immunity by restricted binding to Gb3. <i>Developmental and Comparative Immunology</i> , 2009, 33, 187-197. | 1.0 | 83 |
| 11 | Rhamnose-binding Lectins from Steelhead Trout (<i>Oncorhynchus mykiss</i>) Eggs Recognize Bacterial Lipopolysaccharides and Lipoteichoic Acid. <i>Bioscience, Biotechnology and Biochemistry</i> , 2002, 66, 604-612. | 0.6 | 78 |
| 12 | Lectin microarray analysis of pluripotent and multipotent stem cells. <i>Genes To Cells</i> , 2011, 16, 1-11. | 0.5 | 77 |
| 13 | Functional and structural characterization of multiple galectins from the skin mucus of conger eel, <i>Conger myriaster</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1999, 123, 33-45. | 0.7 | 70 |
| 14 | Bradykinin-potentiating peptides and C-type natriuretic peptides from snake venom. <i>Immunopharmacology</i> , 1999, 44, 129-135. | 2.0 | 67 |
| 15 | Structural characterization of a rhamnose-binding glycoprotein (lectin) from Spanish mackerel (<i>Scomberomorus niphonius</i>) eggs. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007, 1770, 617-629. | 1.1 | 66 |
| 16 | Accelerated evolution of snake venom phospholipase A2 isozymes for acquisition of diverse physiological functions. <i>Toxicon</i> , 1996, 34, 1229-1236. | 0.8 | 62 |
| 17 | Isolation and characterization of L-rhamnose-binding lectins from chum salmon (<i>Oncorhynchus keta</i>) eggs. <i>Fisheries Science</i> , 2002, 68, 1352-1366. | 0.7 | 62 |
| 18 | Characterization of the Yam Tuber Storage Proteins from <i>Dioscorea batatas</i> Exhibiting Unique Lectin Activities. <i>Journal of Biological Chemistry</i> , 2004, 279, 26028-26035. | 1.6 | 62 |

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|----|---|-----|-----------|
| 19 | Isolation, characterization and molecular evolution of a novel pearl shell lectin from a marine bivalve, <i>Pteria penguin</i> . <i>Molecular Diversity</i> , 2006, 10, 607-618. | 2.1 | 62 |
| 20 | Isolation and Characterization of a Mannan-Binding Lectin from the Freshwater Cyanobacterium (Blue-Green Algae) <i>Microcystis viridis</i> . <i>Biochemical and Biophysical Research Communications</i> , 1999, 265, 703-708. | 1.0 | 61 |
| 21 | Isolation and characterization of l-rhamnose-binding lectin, which binds to microsporidian <i>Glugea plecoglossi</i> , from ayu (<i>Plecoglossus altivelis</i>) eggs. <i>Developmental and Comparative Immunology</i> , 2008, 32, 487-499. | 1.0 | 61 |
| 22 | Purification and characterisation of antioxidative peptides from unfractionated rice bran protein hydrolysates. <i>International Journal of Food Science and Technology</i> , 2008, 43, 35-43. | 1.3 | 60 |
| 23 | Accelerated evolution of <i>Trimeresurus okinavensis</i> venom gland phospholipase A2 isozyme-encoding genes. <i>Gene</i> , 1996, 172, 267-272. | 1.0 | 59 |
| 24 | Accelerated Evolution in the Protein-coding Region of Galectin cDNAs, Congerin I and Congerin II, from Skin Mucus of Conger Eel (<i>Conger myriaster</i>). <i>Bioscience, Biotechnology and Biochemistry</i> , 1999, 63, 1203-1208. | 0.6 | 59 |
| 25 | A Novel Rhamnose-binding Lectin Family from Eggs of Steelhead Trout (<i>Oncorhynchus mykiss</i>) with Different Structures and Tissue Distribution. <i>Bioscience, Biotechnology and Biochemistry</i> , 2001, 65, 1328-1338. | 0.6 | 59 |
| 26 | Structure of Rhamnose-binding Lectin CSL3: Unique Pseudo-tetrameric Architecture of a Pattern Recognition Protein. <i>Journal of Molecular Biology</i> , 2009, 391, 390-403. | 2.0 | 59 |
| 27 | The habu genome reveals accelerated evolution of venom protein genes. <i>Scientific Reports</i> , 2018, 8, 11300. | 1.6 | 58 |
| 28 | Molecular evolution of group II phospholipases A2. <i>Journal of Molecular Evolution</i> , 1995, 41, 867-77. | 0.8 | 56 |
| 29 | Regional evolution of venom-gland phospholipase A2 isoenzymes of <i>Trimeresurus flavoviridis</i> snakes in the southwestern islands of Japan. <i>Biochemical Journal</i> , 2000, 347, 491-499. | 1.7 | 50 |
| 30 | Urinary Fetuin-A Is a Novel Marker for Diabetic Nephropathy in Type 2 Diabetes Identified by Lectin Microarray. <i>PLoS ONE</i> , 2013, 8, e77118. | 1.1 | 50 |
| 31 | High-resolution structure of the conger eel galectin, congerin I, in lactose-liganded and ligand-free forms: emergence of a new structure class by accelerated evolution. <i>Structure</i> , 1999, 7, 1223-1233. | 1.6 | 49 |
| 32 | Interisland Evolution of <i>Trimeresurus flavoviridis</i> Venom Phospholipase A 2 Isozymes. <i>Journal of Molecular Evolution</i> , 2003, 56, 286-293. | 0.8 | 48 |
| 33 | Characterization and Evolution of a Gene Encoding a <i>Trimeresurus flavoviridis</i> Serum Protein that Inhibits Basic Phospholipase A2 Isozymes in the Snake's Venom. <i>FEBS Journal</i> , 1997, 249, 838-845. | 0.2 | 47 |
| 34 | Distribution and Molecular Evolution of Rhamnose-binding Lectins in Salmonidae: Isolation and Characterization of Two Lectins from White-spotted Charr (<i>Salvelinus leucomaenis</i>) Eggs. <i>Bioscience, Biotechnology and Biochemistry</i> , 2002, 66, 1356-1365. | 0.6 | 45 |
| 35 | Mannose-Binding Lectin from Yam (<i>Dioscorea batatas</i>) Tubers with Insecticidal Properties against <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae). <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 2896-2902. | 2.4 | 43 |
| 36 | Cloning and Sequence Analysis of cDNA for <i>Trimeresurus flavoviridis</i> Phospholipase A2, and Consequent Revision of the Amino Acid Sequence1. <i>Journal of Biochemistry</i> , 1990, 108, 816-821. | 0.9 | 36 |

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|----|---|-----|-----------|
| 37 | Long-sarafotoxins: characterization of a new family of endothelin-like peptides. <i>Peptides</i> , 2004, 25, 1243-1251. | 1.2 | 36 |
| 38 | Crystal Structure of a Conger Eel Galectin (Congerin II) at 1.45Å... Resolution: Implication for the Accelerated Evolution of a New Ligand-binding Site Following Gene Duplication. <i>Journal of Molecular Biology</i> , 2002, 321, 879-889. | 2.0 | 35 |
| 39 | Rice bran protein-based edible films. <i>International Journal of Food Science and Technology</i> , 2008, 43, 476-483. | 1.3 | 35 |
| 40 | Regional evolution of venom-gland phospholipase A2 isoenzymes of <i>Trimeresurus flavoviridis</i> snakes in the southwestern islands of Japan. <i>Biochemical Journal</i> , 2000, 347, 491. | 1.7 | 34 |
| 41 | Characterization, primary structure and molecular evolution of anticoagulant protein from <i>Agkistrodon actus</i> venom. <i>Toxicon</i> , 2002, 40, 803-813. | 0.8 | 34 |
| 42 | Interisland Mutation of a Novel Phospholipase A 2 from <i>Trimeresurus flavoviridis</i> Venom and Evolution of Crotalinae Group II Phospholipases A 2. <i>Journal of Molecular Evolution</i> , 2003, 57, 546-554. | 0.8 | 34 |
| 43 | Transient expression of an IL-23R extracellular domain Fc fusion protein in CHO vs. HEK cells results in improved plasma exposure. <i>Protein Expression and Purification</i> , 2010, 71, 96-102. | 0.6 | 34 |
| 44 | Structures of genes encoding phospholipase A2 inhibitors from the serum of <i>Trimeresurus flavoviridis</i> snake. <i>Gene</i> , 1997, 191, 31-37. | 1.0 | 33 |
| 45 | Effect of Lectins on the Transport of Food Factors in Caco-2 Cell Monolayers. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 548-553. | 2.4 | 33 |
| 46 | Regional and accelerated molecular evolution in group I snake venom gland phospholipase A2 isozymes. <i>Toxicon</i> , 2000, 38, 449-462. | 0.8 | 29 |
| 47 | Novel Matrix Proteins of <i>Pteria penguin</i> Pearl Oyster Shell Nacre Homologous to the Jacalin-Related Î²-Prism Fold Lectins. <i>PLoS ONE</i> , 2014, 9, e112326. | 1.1 | 29 |
| 48 | <i>Propionibacterium acnes</i> catalase induces increased Th1 immune response in sarcoidosis patients. <i>Respiratory Investigation</i> , 2015, 53, 161-169. | 0.9 | 29 |
| 49 | Purification, sequencing and characterization of single amino acid-substituted phospholipase A2 isozymes from <i>Trimeresurus Gramineus</i> (green habu snake) venom. <i>Toxicon</i> , 1993, 31, 957-967. | 0.8 | 28 |
| 50 | Structures of genes encoding TATA $\hat{\alpha}$ -binding proteins from <i>trimeresurus gramineus</i> and <i>t. flavoviridis</i> snakes. <i>Gene</i> , 1995, 152, 209-213. | 1.0 | 27 |
| 51 | Characterization, amino acid sequence and evolution of edema-inducing, basic phospholipase A 2 from <i>Trimeresurus flavoviridis</i> venom. <i>Toxicon</i> , 2001, 39, 1069-1076. | 0.8 | 26 |
| 52 | Preparation and characterization of high-quality rice bran proteins. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 1219-1227. | 1.7 | 26 |
| 53 | Autophagy Induced by Intracellular Infection of <i>Propionibacterium acnes</i> . <i>PLoS ONE</i> , 2016, 11, e0156298. | 1.1 | 25 |
| 54 | Complete amino-acid sequence of the Î²-subunit of VTX from venom of the stonefish (<i>Synanceia</i>) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50 6 | 2.1 | 24 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Enzyme inhibition by dipeptides containing 2,3-methanophenylalanine, a sterically constrained amino acid. <i>FEBS Letters</i> , 1989, 250, 227-230. | 1.3 | 23 |
| 56 | Discovery of novel [Arg49]phospholipase A2 isozymes from <i>Protobothrops elegans</i> venom and regional evolution of Crotalinae snake venom phospholipase A2 isozymes in the southwestern islands of Japan and Taiwan. <i>Toxicon</i> , 2006, 48, 672-682. | 0.8 | 23 |
| 57 | Purification and primary structure of a myotoxic Lysine-49 phospholipase A2 with low lipolytic activity from <i>Trimeresurus gramineus</i> venom. <i>Toxicon</i> , 1995, 33, 1469-1478. | 0.8 | 22 |
| 58 | Chymotrypsin inhibitory conformation induced by amino acid side chain side chain intramolecular CH/π interaction. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996, , 2479-2485. | 0.9 | 22 |
| 59 | Alternative mRNA Splicing in Three Venom Families Underlying a Possible Production of Divergent Venom Proteins of the Habu Snake, <i>Protobothrops flavoviridis</i> . <i>Toxins</i> , 2019, 11, 581. | 1.5 | 22 |
| 60 | Acid Hydrolysis of Protein in a Microcapillary Tube for the Recovery of Tryptophan. <i>Bioscience, Biotechnology and Biochemistry</i> , 2005, 69, 255-257. | 0.6 | 21 |
| 61 | Galectins in the abdominal cavity of the conger eel <i>Conger myriaster</i> participate in the cellular encapsulation of parasitic nematodes by host cells. <i>Fish and Shellfish Immunology</i> , 2012, 33, 780-787. | 1.6 | 21 |
| 62 | Isolation and Biochemical Characterization of Apios Tuber Lectin. <i>Molecules</i> , 2015, 20, 987-1002. | 1.7 | 21 |
| 63 | Sequence determination and characterization of a phospholipase A2 isozyme from <i>Trimeresurus gramineus</i> (green habu snake) venom. <i>Toxicon</i> , 1992, 30, 1331-1341. | 0.8 | 20 |
| 64 | Retrotransposable CR1-like elements in crotalinae snake genomes. <i>Toxicon</i> , 1998, 36, 915-920. | 0.8 | 20 |
| 65 | Tissue-specific Expression of Rhamnose-binding Lectins in the Steelhead Trout (<i>Oncorhynchus mykiss</i>). <i>Bioscience, Biotechnology and Biochemistry</i> , 2002, 66, 1427-1430. | 0.6 | 20 |
| 66 | Modulating effect of acorn barnacle C-type lectins on the crystallization of calcium carbonate. <i>Fisheries Science</i> , 2008, 74, 418-424. | 0.7 | 20 |
| 67 | Antioxidant Properties of Tripeptides Revealed by a Comparison of Six Different Assays. <i>Food Science and Technology Research</i> , 2015, 21, 695-704. | 0.3 | 20 |
| 68 | An S-like ribonuclease gene is used to generate a trap-leaf enzyme in the carnivorous plant <i>Drosera adelae</i> . <i>FEBS Letters</i> , 2005, 579, 5729-5733. | 1.3 | 19 |
| 69 | Effects of Alkaline Deamidation on the Chemical Properties of Rice Bran Protein. <i>Food Science and Technology Research</i> , 2017, 23, 697-704. | 0.3 | 19 |
| 70 | Diverse Sugar-Binding Specificities of Marine Invertebrate C-Type Lectins. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 513-519. | 0.6 | 16 |
| 71 | Production of transgenic rice plants expressing <i>Dioscorea batatas</i> tuber lectin 1 to confer resistance against brown planthopper. <i>Plant Biotechnology</i> , 2012, 29, 501-504. | 0.5 | 16 |
| 72 | Effects of Food Lectins on the Transport System of Human Intestinal Caco-2 Cell Monolayers. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 1917-1924. | 0.6 | 16 |

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| 73 | Tracing Protein Evolution through Ancestral Structures of Fish Galectin. <i>Structure</i> , 2011, 19, 711-721. | 1.6 | 15 |
| 74 | Allosteric Regulation of the Carbohydrate-binding Ability of a Novel Conger Eel Galectin by d-Mannoside. <i>Journal of Biological Chemistry</i> , 2012, 287, 31061-31072. | 1.6 | 15 |
| 75 | SDS-induced oligomerization of Lys49-phospholipase A2 from snake venom. <i>Scientific Reports</i> , 2019, 9, 2330. | 1.6 | 15 |
| 76 | Complementary DNA Cloning and Molecular Evolution of Opine Dehydrogenases in Some Marine Invertebrates. <i>Marine Biotechnology</i> , 2004, 6, 493-502. | 1.1 | 14 |
| 77 | Reconstruction of a Probable Ancestral Form of Conger Eel Galectins Revealed Their Rapid Adaptive Evolution Process for Specific Carbohydrate Recognition. <i>Molecular Biology and Evolution</i> , 2007, 24, 2504-2514. | 3.5 | 14 |
| 78 | In Vitro Evolutionary Thermostabilization of Congerin II: A Limited Reproduction of Natural Protein Evolution by Artificial Selection Pressure. <i>Journal of Molecular Biology</i> , 2005, 347, 385-397. | 2.0 | 13 |
| 79 | CHAC1 overexpression in human gastric parietal cells with <i>Helicobacter pylori</i> infection in the secretory canaliculi. <i>Helicobacter</i> , 2019, 24, e12598. | 1.6 | 13 |
| 80 | Encapsulation of biomacromolecules by soaking and co-crystallization into porous protein crystals of hemocyanin. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 577-584. | 1.0 | 13 |
| 81 | Protein engineering of conger eel galectins by tracing of molecular evolution using probable ancestral mutants. <i>BMC Evolutionary Biology</i> , 2010, 10, 43. | 3.2 | 12 |
| 82 | Isolation of Rice Bran Lectins and Characterization of Their Unique Behavior in Caco-2 Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1052. | 1.8 | 12 |
| 83 | High-level Expression and Characterization of Fully Active Recombinant Conger Eel Galectins in <i>Escherichia coli</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2002, 66, 476-480. | 0.6 | 11 |
| 84 | The speciation of conger eel galectins by rapid adaptive evolution. <i>Glycoconjugate Journal</i> , 2002, 19, 451-458. | 1.4 | 11 |
| 85 | Expression of gene for <i>Dioscorea batatas</i> tuber lectin 1 in transgenic tobacco confers resistance to green-peach aphid. <i>Plant Biotechnology</i> , 2010, 27, 141-145. | 0.5 | 11 |
| 86 | <i>Trimeresurus flavoviridis</i> venom gland phospholipase A2 isozymes genes have evolved via accelerated substitutions. <i>Journal of Molecular Recognition</i> , 1995, 8, 40-46. | 1.1 | 10 |
| 87 | Inhibitory Effect of Protein Hydrolysates on Calcium Carbonate Crystallization. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 5450-5454. | 2.4 | 10 |
| 88 | Molecular diversity of proteins in biological offense and defense systems. <i>Molecular Diversity</i> , 2006, 10, 511-514. | 2.1 | 10 |
| 89 | Purification and characterization of ostrich prothrombin. <i>International Journal of Biochemistry and Cell Biology</i> , 2000, 32, 1151-1159. | 1.2 | 9 |
| 90 | Effect of Chum Salmon Egg Lectin on Tight Junctions in Caco-2 Cell Monolayers. <i>Molecules</i> , 2015, 20, 8094-8106. | 1.7 | 9 |

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| 91 | Protein encapsulation in the hollow space of hemocyanin crystals containing a covalently conjugated ligand. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 31-36. | 1.0 | 9 |
| 92 | The amino acid sequence of pancreatic Î±-amylase from the ostrich, <i>Struthio camelus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2000, 127, 481-490. | 0.7 | 8 |
| 93 | Amino acid sequence of a basic aspartate-49-phospholipase A2 from <i>Trimeresurus flavoviridis</i> venom and phylogenetic analysis of Crotalinae venom phospholipases A2. <i>Toxicon</i> , 2005, 46, 185-195. | 0.8 | 8 |
| 94 | Purification and partial characterization of ostrich skeletal muscle cathepsin D and its activity during meat maturation. <i>Meat Science</i> , 2011, 87, 196-201. | 2.7 | 8 |
| 95 | Biochemical characterization of <i>Acacia schweinfurthii</i> serine proteinase inhibitor. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 633-638. | 2.5 | 8 |
| 96 | Regulation of axon arborization pattern in the developing chick ciliary ganglion: Possible involvement of caspase 3. <i>Development Growth and Differentiation</i> , 2017, 59, 115-128. | 0.6 | 8 |
| 97 | Structures of jacalin-related lectin PPL3 regulating pearl shell biomineralization. <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, 644-653. | 1.5 | 8 |
| 98 | Microfluidic Long-Term Gradient Generator with Axon Separation Prototyped by 185 nm Diffused Light Photolithography of SU-8 Photoresist. <i>Micromachines</i> , 2019, 10, 9. | 1.4 | 8 |
| 99 | Chymotrypsin inhibitory conformation of dipeptides constructed by side chain-side chain hydrophobic interactions. <i>Journal of Molecular Recognition</i> , 1993, 6, 95-100. | 1.1 | 7 |
| 100 | Comparison of the amino acid sequences of acorn barnacle lectins showing different inhibitory activities toward the crystal growth of calcium carbonate. <i>Fisheries Science</i> , 2001, 67, 703-709. | 0.7 | 7 |
| 101 | A novel recombinant system for functional expression of myonecrotic snake phospholipase A2 in <i>Escherichia coli</i> using a new fusion affinity tag. <i>Protein Expression and Purification</i> , 2008, 58, 194-202. | 0.6 | 7 |
| 102 | Microstructure and Orientation Distribution of Aragonite Crystals in Nacreous Layer of Pearl Shells. <i>Materials Transactions</i> , 2004, 45, 999-1004. | 0.4 | 6 |
| 103 | Structure based studies of the adaptive diversification process of congerins. <i>Molecular Diversity</i> , 2006, 10, 567-573. | 2.1 | 6 |
| 104 | Specific inhibitory conformation of dipeptides for chymotrypsin. <i>Biochemical and Biophysical Research Communications</i> , 1990, 166, 1460-1466. | 1.0 | 5 |
| 105 | Localization and expression of phospholipases A2 in <i>Trimeresurus flavoviridis</i> (habu snake) venom gland. <i>Toxicon</i> , 1995, 33, 1645-1652. | 0.8 | 5 |
| 106 | Effects of culture conditions on the expression level of lectin in <i>Microcystis aeruginosa</i> (freshwater) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 0,7 | 0.7 | 5 |
| 107 | Structure and possible function of N-glycans of an invertebrate C-type lectin from the acorn barnacle <i>Megabalanus rosa</i> . <i>Fisheries Science</i> , 2005, 71, 931-940. | 0.7 | 5 |
| 108 | Focused Proteomics Analysis of Habu Snake (<i>Protobothrops flavoviridis</i>) Venom Using Antivenom-Based Affinity Chromatography Reveals Novel Myonecrosis-Enhancing Activity of Thrombin-Like Serine Proteases. <i>Frontiers in Pharmacology</i> , 2021, 12, 766406. | 1.6 | 5 |

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|-----|--|-----|-----------|
| 109 | Specific Mutations in Aph1 Cause β -Secretase Activation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 507. | 1.8 | 5 |
| 110 | Dipeptide Side Chain Side Chain Hydrophobic Interactions as Conformational Core for Chymotrypsin Inhibition. <i>Bulletin of the Chemical Society of Japan</i> , 1991, 64, 2519-2523. | 2.0 | 4 |
| 111 | Isolation and Biochemical Characterization of Mucus Proteins in Japanese Bunching Onion (&#x26;Allium fistulosum&#x26;) Green Leaves. <i>Food Science and Technology Research</i> , 2016, 22, 235-243. | 0.3 | 4 |
| 112 | Glycan Binding Profiling of Jacalin-Related Lectins from the Pteria Penguin Pearl Shell. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4629. | 1.8 | 4 |
| 113 | Tracing Ancestral Specificity of Lectins: Ancestral Sequence Reconstruction Method as a New Approach in Protein Engineering. <i>Methods in Molecular Biology</i> , 2014, 1200, 539-551. | 0.4 | 4 |
| 114 | Polymorphisms of <i>Trimeresurus flavoviridis</i> Venom Gland Phospholipase A2 Isozyme Genes. <i>Bioscience, Biotechnology and Biochemistry</i> , 1994, 58, 1510-1511. | 0.6 | 3 |
| 115 | Lectins of Marine Origin and Their Clinical Applications. , 2013, , 33-54. | | 3 |
| 116 | Roles of lysine-69 in dimerization and activity of <i>Trimeresurus flavoviridis</i> venom aspartate-49-phospholipase A2. , 1996, 9, 23-30. | | 2 |
| 117 | UV Irradiation Promotes the Accumulation of Triglyceride in <i>Lipomyces lipofer</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 2474-2477. | 0.6 | 2 |
| 118 | Experimental Molecular Archeology: Reconstruction of Ancestral Mutants and Evolutionary History of Proteins as a New Approach in Protein Engineering. , 2013, , . | | 2 |
| 119 | Changes of Functional Components and Antioxidative Activity in the Process of Fermentation of Soybeans. <i>ACS Symposium Series</i> , 2010, , 155-169. | 0.5 | 2 |
| 120 | Refolding of <i>Trimeresurus flavoviridis</i> Phospholipases A2. <i>Bulletin of the Chemical Society of Japan</i> , 1992, 65, 2655-2659. | 2.0 | 1 |
| 121 | Rhamnose-binding lectins induce respiratory burst activity in macrophage cells from rainbow trout. <i>Fisheries Science</i> , 2013, 79, 513-519. | 0.7 | 1 |
| 122 | A microfluidic static gradient generator using limited diffusion through T-shaped narrow channels. , 2014, , . | | 1 |
| 123 | Biochemical properties of CumA multicopper oxidase from plant pathogen, <i>Pseudomonas syringae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 1995-2002. | 0.6 | 1 |
| 124 | Diversified Biomineralization Roles of Pteria penguin Pearl Shell Lectins as Matrix Proteins. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1081. | 1.8 | 1 |
| 125 | Chimeric mutants of staphylococcal hemolysin, which act as both one-component and two-component hemolysin, created by grafting the stem domain. <i>FEBS Journal</i> , 2022, 289, 3505-3520. | 2.2 | 1 |
| 126 | Active Expression of Genes for Protein Modification Enzymes in Habu Venom Glands. <i>Toxins</i> , 2022, 14, 300. | 1.5 | 1 |

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|-----|--|-----|-----------|
| 127 | Cover Image, Volume 86, Issue 6. Proteins: Structure, Function and Bioinformatics, 2018, 86, C1-C1. | 1.5 | 0 |
| 128 | Proteomic Analysis of Venomous Fang Matrix Proteins of Protobothrops flavoviridis (Habu) Snake. , 2018, , 39-54. | | 0 |
| 129 | Venomics Study of Protobothrops flavoviridis Snake: How Venom Proteins Have Evolved and Diversified?. , 0, , . | | 0 |
| 130 | Enhancement of Protein Thermostability by Accelerated Evolution. Seibutsu Butsuri, 2006, 46, 201-208. | 0.0 | 0 |