

Jean Gagnon

List of Publications by Year in descending order

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149
papers

7,945
citations

57681

46
h-index

62345

84
g-index

153
all docs

153
docs citations

153
times ranked

5627
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Cloning and expression of the rat prolactin receptor, a member of the growth hormone/prolactin receptor gene family. <i>Cell</i> , 1988, 53, 69-77. | 13.5 | 575 |
| 2 | Neuronal cell Thy-1 glycoprotein: homology with immunoglobulin. <i>Science</i> , 1982, 216, 696-703. | 6.0 | 556 |
| 3 | Squash Trypsin Inhibitors from <i>Momordica cochinchinensis</i> Exhibit an Atypical Macrocyclic Structure. <i>Biochemistry</i> , 2000, 39, 5722-5730. | 1.2 | 329 |
| 4 | Ovalbumin: a secreted protein without a transient hydrophobic leader sequence.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1978, 75, 94-98. | 3.3 | 323 |
| 5 | Rat brain Thy-1 glycoprotein. The amino acid sequence, disulphide bonds and an unusual hydrophobic region. <i>Biochemical Journal</i> , 1981, 195, 15-30. | 1.7 | 209 |
| 6 | The primary structure of the beta-subunit of the cell surface adhesion glycoproteins LFA-1, CR3 and p150,95 and its relationship to the fibronectin receptor.. <i>EMBO Journal</i> , 1987, 6, 915-919. | 3.5 | 194 |
| 7 | Accumulation of small heat shock proteins, including mitochondrial HSP22, induced by oxidative stress and adaptive response in tomato cells. <i>Plant Journal</i> , 1998, 13, 519-527. | 2.8 | 184 |
| 8 | Comparison of taste qualities and thresholds of D- and L-amino acids. <i>Physiology and Behavior</i> , 1981, 27, 51-59. | 1.0 | 176 |
| 9 | The tyrosine kinase substrate eps15 is constitutively associated with the plasma membrane adaptor AP-2.. <i>Journal of Cell Biology</i> , 1995, 131, 1831-1838. | 2.3 | 167 |
| 10 | Solution Structure of the Squash Trypsin Inhibitor MCoTI-II. A New Family for Cyclic Knottins,. <i>Biochemistry</i> , 2001, 40, 7973-7983. | 1.2 | 166 |
| 11 | Peptide and nucleotide sequences of rat CD4 (W3/25) antigen: evidence for derivation from a structure with four immunoglobulin-related domains.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 1649-1653. | 3.3 | 158 |
| 12 | MRC OX-2 antigen: a lymphoid/neuronal membrane glycoprotein with a structure like a single immunoglobulin light chain.. <i>EMBO Journal</i> , 1985, 4, 113-118. | 3.5 | 151 |
| 13 | Evidence from cDNA clones that the rat leukocyte-common antigen (T200) spans the lipid bilayer and contains a cytoplasmic domain of 80,000 Mr. <i>Cell</i> , 1985, 41, 83-93. | 13.5 | 135 |
| 14 | A functional model of the human C1 complex. <i>Trends in Immunology</i> , 1987, 8, 106-111. | 7.5 | 132 |
| 15 | Biochemical and Structural Analysis of Helix pomatia Agglutinin. <i>Journal of Biological Chemistry</i> , 2006, 281, 20171-20180. | 1.6 | 129 |
| 16 | Primary structure of hydrogenase from <i>Clostridium pasteurianum</i> . <i>Biochemistry</i> , 1991, 30, 9697-9704. | 1.2 | 118 |
| 17 | Amino acid sequence around the thiol and reactive acyl groups of human complement component C4. <i>Biochemical Journal</i> , 1981, 199, 359-370. | 1.7 | 115 |
| 18 | Purification and characterization of a phytase (myo-inositol-hexakisphosphate phosphohydrolase) accumulated in maize (<i>Zea mays</i>) seedlings during germination. <i>Biochemical Journal</i> , 1993, 295, 413-419. | 1.7 | 109 |

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|----|---|------|-----------|
| 19 | Characterization of a UDP-GalNAc:Polypeptide N-Acetylgalactosaminyltransferase That Displays Glycopeptide N-Acetylgalactosaminyltransferase Activity. <i>Journal of Biological Chemistry</i> , 1999, 274, 27867-27874. | 1.6 | 103 |
| 20 | The human intraepithelial lymphocyte marker HML-1 is an integrin consisting of a β 7 subunit associated with a distinctive α chain. <i>European Journal of Immunology</i> , 1992, 22, 273-277. | 1.6 | 101 |
| 21 | Characterization and Ion Channel Activities of Novel Antibacterial Proteins from the Skin Mucosa of Carp (<i>Cyprinus carpio</i>). <i>FEBS Journal</i> , 1996, 240, 143-149. | 0.2 | 97 |
| 22 | The production and molecular properties of the zinc β -lactamase of <i>Pseudomonas maltophilia</i> IID 1275. <i>Biochemical Journal</i> , 1985, 229, 791-797. | 1.7 | 94 |
| 23 | Can immunoglobulin C(H)1 constant region domain modulate antigen binding affinity of antibodies?. <i>Journal of Clinical Investigation</i> , 1996, 98, 2235-2243. | 3.9 | 85 |
| 24 | Influenza virus M1 protein binds to RNA through its nuclear localization signal.. <i>Journal of General Virology</i> , 1997, 78, 1589-1596. | 1.3 | 83 |
| 25 | The NH2-terminal sequence of the avian oncovirus gag precursor polyprotein (Pr76gag). <i>Virology</i> , 1978, 91, 423-433. | 1.1 | 79 |
| 26 | Squid glycoproteins with structural similarities to Thy-1 and Ly-6 antigens. <i>Immunogenetics</i> , 1988, 27, 265-272. | 1.2 | 77 |
| 27 | Expression and regulation of the bovine vesicular monoamine transporter gene. <i>FEBS Letters</i> , 1993, 335, 27-32. | 1.3 | 72 |
| 28 | cDNA cloning, primary structure and gene expression for H-protein, a component of the glycine-cleavage system (glycine decarboxylase) of pea (<i>Pisum sativum</i>) leaf mitochondria. <i>Biochemical Journal</i> , 1990, 268, 783-789. | 1.7 | 70 |
| 29 | Interactions of Myogenic bHLH Transcription Factors with Calcium-Binding Calmodulin and S100a (.alpha..alpha.) Proteins. <i>Biochemistry</i> , 1995, 34, 7834-7846. | 1.2 | 70 |
| 30 | Topography of the membrane-bound ADP/ATP carrier assessed by enzymic proteolysis. <i>Biochemistry</i> , 1992, 31, 4058-4065. | 1.2 | 69 |
| 31 | Intravacuolar Membranes Regulate CD8 T Cell Recognition of Membrane-Bound <i>Toxoplasma gondii</i> Protective Antigen. <i>Cell Reports</i> , 2015, 13, 2273-2286. | 2.9 | 67 |
| 32 | Completion of the amino acid sequences of the A and B chains of subcomponent C1q of the first component of human complement. <i>Biochemical Journal</i> , 1982, 203, 559-569. | 1.7 | 66 |
| 33 | Stabilization of sea urchin flagellar microtubules by histone H1. <i>Nature</i> , 1992, 360, 33-39. | 13.7 | 66 |
| 34 | Copurification of rho protein and the rho-GDP dissociation inhibitor from bovine neutrophil cytosol. Effect of phosphoinositides on rho ADP-ribosylation by the C3 exoenzyme of <i>Clostridium botulinum</i> . <i>Biochemistry</i> , 1992, 31, 12863-12869. | 1.2 | 65 |
| 35 | Purification, chain separation and sequence of the MRC OX-8 antigen, a marker of rat cytotoxic T lymphocytes.. <i>EMBO Journal</i> , 1985, 4, 2539-2545. | 3.5 | 64 |
| 36 | Isolation of TFC1, a gene encoding one of two DNA-binding subunits of yeast transcription factor tau (TFIIIC).. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 4887-4891. | 3.3 | 63 |

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| 37 | Purification and properties of a catalase from potato tubers (<i>Solanum tuberosum</i>). <i>Plant Science</i> , 1990, 72, 19-26. | 1.7 | 58 |
| 38 | Complete amino acid sequence of the A chain of human complement-classical-pathway enzyme C1...1r. <i>Biochemical Journal</i> , 1987, 241, 711-720. | 1.7 | 56 |
| 39 | The active site of the P99 β -lactamase from <i>Enterobacter cloacae</i> . <i>Biochemical Journal</i> , 1984, 223, 271-274. | 1.7 | 54 |
| 40 | Complete amino acid sequence of the catalytic chain of human complement subcomponent C.hivin.1r. <i>Biochemistry</i> , 1983, 22, 1758-1764. | 1.2 | 53 |
| 41 | Factor D β , of the alternative pathway of human complement. Purification, alignment and N-terminal amino acid sequences of the major cyanogen bromide fragments, and localization of the serine residue at the active site. <i>Biochemical Journal</i> , 1980, 187, 863-874. | 1.7 | 52 |
| 42 | Chemical and functional characterization of a fragment of C1s containing the epidermal growth factor homology region. <i>Biochemistry</i> , 1990, 29, 3570-3578. | 1.2 | 51 |
| 43 | Structure of the catalytic region of human complement protease C.hivin.1s: Study by chemical crosslinking and three-dimensional homology modeling. <i>Biochemistry</i> , 1995, 34, 7311-7321. | 1.2 | 51 |
| 44 | Structure and Assembly of the Catalytic Region of Human Complement Protease C1 β : A Three-Dimensional Model Based on Chemical Cross-Linking and Homology Modeling. <i>Biochemistry</i> , 1997, 36, 6270-6282. | 1.2 | 51 |
| 45 | Inhibition by Iodoacetamide and Acetylene of the H-D-Exchange Reaction Catalyzed by Thiocapsa Roseopersicina Hydrogenase. <i>FEBS Journal</i> , 1996, 241, 675-681. | 0.2 | 49 |
| 46 | Fertilization in <i>Sepia officinalis</i> : the first mollusk sperm-attracting peptide. <i>Biochemical and Biophysical Research Communications</i> , 2002, 296, 1186-1193. | 1.0 | 47 |
| 47 | Molecular characterization of the catalytic domains of human complement serine protease C.hivin.1r. <i>Biochemistry</i> , 1986, 25, 5177-5182. | 1.2 | 46 |
| 48 | The Nuclear RPL4 Gene Encodes a Chloroplast Protein That Co-purifies with the T7-like Transcription Complex as Well as Plastid Ribosomes. <i>Journal of Biological Chemistry</i> , 1998, 273, 3980-3985. | 1.6 | 44 |
| 49 | Unfolding studies of human adenovirus type 2 fibre trimers. Evidence for a stable domain. <i>FEBS Journal</i> , 1999, 264, 599-606. | 0.2 | 44 |
| 50 | A Novel Strategy for Defining Critical Amino Acid Residues Involved in Protein/Glycosaminoglycan Interactions. <i>Journal of Biological Chemistry</i> , 2004, 279, 54327-54333. | 1.6 | 44 |
| 51 | Partial sequence of human complement component factor B: novel type of serine protease.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1980, 77, 4923-4927. | 3.3 | 43 |
| 52 | Human complement component C4. Structural studies on the fragments derived from C4b by cleavage with C3b inactivator. <i>Biochemical Journal</i> , 1981, 199, 351-357. | 1.7 | 43 |
| 53 | The purification and properties of the second component of guinea-pig complement. <i>Biochemical Journal</i> , 1982, 205, 59-67. | 1.7 | 43 |
| 54 | Isolation, characterization and N-terminal sequences of the CNBr-cleavage peptides from human complement Factor B. Localization of a free thiol group and a sequence defining the site cleaved by factor D. <i>Biochemical Journal</i> , 1982, 201, 555-567. | 1.7 | 42 |

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| 55 | Human C4-binding protein: N-terminal amino acid sequence analysis and limited proteolysis by trypsin. <i>FEBS Letters</i> , 1982, 137, 75-79. | 1.3 | 42 |
| 56 | Purification and identification of a Ca ²⁺ -pectate binding peroxidase from <i>Arabidopsis</i> leaves. <i>Phytochemistry</i> , 2004, 65, 307-312. | 1.4 | 41 |
| 57 | <i>Aspergillus</i> / <i>Conidia</i> Activate the Complement by the Mannan-Binding Lectin C2 Bypass Mechanism. <i>Journal of Immunology</i> , 2008, 181, 7100-7105. | 0.4 | 41 |
| 58 | Recombinant human complement subcomponent C1s lacking .beta.-hydroxyasparagine, sialic acid, and one of its two carbohydrate chains still reassembles with C1q and C1r to form a functional C1 complex. <i>Biochemistry</i> , 1992, 31, 4254-4262. | 1.2 | 40 |
| 59 | ILME: A Waterborne Pheromonal Peptide Released by the Eggs of <i>Sepia officinalis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2000, 275, 217-222. | 1.0 | 40 |
| 60 | Characterization of human complement components C6 and C7. <i>Molecular Immunology</i> , 1982, 19, 1425-1431. | 1.0 | 38 |
| 61 | Characterisation of a chromosomally encoded catechol 1,2-dioxygenase (E.C. 1.13.11.1) from <i>Alcaligenes eutrophus</i> CH34. <i>Archives of Microbiology</i> , 1996, 166, 42-50. | 1.0 | 38 |
| 62 | Isolation, amino acid sequence and functional assays of SGTx1. The first toxin purified from the venom of the spider <i>Scodra griseipes</i> . <i>FEBS Journal</i> , 1999, 265, 572-579. | 0.2 | 37 |
| 63 | Primary Structure of <i>Chromatium tepidum</i> High-Potential Iron-Sulfur Protein in Relation to Thermal Denaturation. <i>Archives of Biochemistry and Biophysics</i> , 1993, 305, 186-192. | 1.4 | 36 |
| 64 | Localization by Photoaffinity Labeling of Natriuretic Peptide Receptor-A Binding Domain. <i>Biochemistry</i> , 1996, 35, 12950-12956. | 1.2 | 36 |
| 65 | Characterization of the Conformational Changes of Acetohydroxy Acid Isomeroreductase Induced by the Binding of Mg ²⁺ -Ions, NADPH, and a Competitive Inhibitor. <i>Biochemistry</i> , 1999, 38, 6025-6034. | 1.2 | 36 |
| 66 | The effects of autolysis on the structure of chicken calpain II. <i>Biochemical Journal</i> , 1987, 248, 579-588. | 1.7 | 34 |
| 67 | Complete amino acid sequence of <i>Proteus mirabilis</i> PR catalase. Occurrence of a methionine sulfone in the close proximity of the active site. <i>The Protein Journal</i> , 1995, 14, 59-72. | 1.1 | 34 |
| 68 | Molecular Cloning and Characterization of MT-ACT48, a Novel Mitochondrial Acyl-CoA Thioesterase. <i>Journal of Biological Chemistry</i> , 1999, 274, 19188-19194. | 1.6 | 34 |
| 69 | Amino acid sequence of the Bb fragment from complement Factor B. Sequence of the major cyanogen bromide-cleavage peptide (CB-II) and completion of the sequence of the Bb fragment. <i>Biochemical Journal</i> , 1983, 209, 61-70. | 1.7 | 33 |
| 70 | Assembly of a [2Fe-2S] ²⁺ Cluster in a Molecular Variant of <i>Clostridium pasteurianum</i> Rubredoxin. <i>Biochemistry</i> , 1997, 36, 13374-13380. | 1.2 | 33 |
| 71 | N-terminal amino acid sequence and some properties of isopenicillin-N synthetase from <i>Cephalosporium acremonium</i> . <i>FEBS Letters</i> , 1985, 188, 253-256. | 1.3 | 32 |
| 72 | Solution studies of elongation factor Tu from the extreme halophile <i>Halobacterium marismortui</i> . <i>Journal of Molecular Biology</i> , 1992, 223, 361-371. | 2.0 | 32 |

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|----|---|-----|-----------|
| 73 | The reaction of iodine and thiol-blocking reagents with human complement components C2 and factor B. Purification and N-terminal amino acid sequence of a peptide from C2a containing a free thiol group. <i>Biochemical Journal</i> , 1983, 213, 201-209. | 1.7 | 31 |
| 74 | Primary structure of the A chain of human complement-classical-pathway enzyme C1r. N-terminal sequences and alignment of autolytic fragments and CNBr-cleavage peptides. <i>Biochemical Journal</i> , 1985, 225, 135-142. | 1.7 | 31 |
| 75 | Identification of erythro- β -hydroxyasparagine in the EGF-like domain of human C1r. <i>FEBS Letters</i> , 1987, 222, 129-134. | 1.3 | 31 |
| 76 | Complete Amino Acid Sequence of the Aa6 Subunit of the Scorpion <i>Androctonus australis</i> Hemocyanin Determined by Edman Degradation and Mass Spectrometry. <i>FEBS Journal</i> , 1995, 233, 93-101. | 0.2 | 31 |
| 77 | Characterization of a Novel Complex from Halophilic Archaeobacteria, Which Displays Chaperone-like Activities in Vitro. <i>Journal of Biological Chemistry</i> , 2001, 276, 29906-29914. | 1.6 | 31 |
| 78 | Rubredoxin from <i>Clostridium thermosaccharolyticum</i> . Amino acid sequence, mass-spectrometric and preliminary crystallographic data. <i>Biochemical Journal</i> , 1990, 271, 839-841. | 1.7 | 30 |
| 79 | The 23-kilodalton protein, a substrate of protein kinase C in bovine neutrophil cytosol is a member of the S100 family. <i>Biochemistry</i> , 1992, 31, 5898-5905. | 1.2 | 30 |
| 80 | The catalytic chain of human complement subcomponent C1. Purification and N-terminal amino acid sequences of the major cyanogen bromide-cleavage fragments. <i>Biochemical Journal</i> , 1982, 201, 49-59. | 1.7 | 29 |
| 81 | Induction by nitrate of cytoplasmic and periplasmic proteins in the photodenitrifier <i>Rhodobacter sphaeroides</i> forma sp. denitrificans under anaerobic or aerobic condition. <i>Archives of Microbiology</i> , 1994, 162, 335-343. | 1.0 | 29 |
| 82 | Complement Protein C1q Forms a Complex with Cytotoxic Prion Protein Oligomers. <i>Journal of Biological Chemistry</i> , 2010, 285, 19267-19276. | 1.6 | 29 |
| 83 | Specific Interaction of the [2Fe-2S] Ferredoxin from <i>Clostridium pasteurianum</i> with the Nitrogenase MoFe Protein. <i>Biochemistry</i> , 1997, 36, 11797-11803. | 1.2 | 28 |
| 84 | C1 _r and C1 _s subcomponents of human complement: Two serine proteinases lacking the "histidine-loop" disulphide bridge. <i>Bioscience Reports</i> , 1981, 1, 779-784. | 1.1 | 27 |
| 85 | Structure of the zeta chain of human embryonic hemoglobin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1981, 78, 6076-6080. | 3.3 | 26 |
| 86 | Amino acid sequence of a polymorphic segment from fragment C4d of human complement component C4. <i>FEBS Letters</i> , 1983, 154, 387-390. | 1.3 | 26 |
| 87 | Amino acid sequence studies of human C4b-binding protein: N-terminal sequence analysis and alignment of the fragments produced by limited proteolysis with chymotrypsin and the peptides produced by cyanogen bromide treatment. <i>Molecular Immunology</i> , 1985, 22, 427-435. | 1.0 | 26 |
| 88 | Analysis of the N-linked oligosaccharides of human C1s using electrospray ionisation mass spectrometry. <i>FEBS Letters</i> , 1995, 358, 323-328. | 1.3 | 26 |
| 89 | Influence of chirality of amino acids on the growth of perceived taste intensity with concentration. <i>Physiology and Behavior</i> , 1982, 28, 457-465. | 1.0 | 25 |
| 90 | High-resolution structure and biochemical properties of a recombinant <i>Proteus mirabilis</i> catalase depleted in iron. <i>Proteins: Structure, Function and Bioinformatics</i> , 2002, 50, 261-271. | 1.5 | 25 |

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| 91 | Influence of the amino acid sequence on the MUC5AC motif peptide O-glycosylation by human gastric UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase(s). <i>Glycoconjugate Journal</i> , 1998, 15, 275-282. | 1.4 | 23 |
| 92 | The SepOvotropin: A New Ovarian Peptide Regulating Oocyte Transport in <i>Sepia officinalis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2000, 276, 1013-1018. | 1.0 | 23 |
| 93 | Kinetic and Mass Spectrometric Analyses of the Interactions between Plant Acetohydroxy Acid Isomeroeductase and Thiadiazole Derivatives. <i>Biochemistry</i> , 1998, 37, 4773-4781. | 1.2 | 22 |
| 94 | Formation of a Tyrosyl Radical Intermediate in <i>Proteus mirabilis</i> Catalase by Directed Mutagenesis and Consequences for Nucleotide Reactivity. <i>Biochemistry</i> , 2001, 40, 13734-13743. | 1.2 | 21 |
| 95 | Chemical synthesis and characterization of the epidermal growth factor-like module of human complement protease Clr. <i>Chemical Biology and Drug Design</i> , 1997, 49, 221-231. | 1.2 | 21 |
| 96 | Identification of the peptide bond cleaved during activation of human Clr. <i>FEBS Letters</i> , 1985, 180, 234-238. | 1.3 | 20 |
| 97 | Identification of an essential glutamic acid residue in β -lactamase II from <i>Bacillus cereus</i> . <i>Biochemical Journal</i> , 1986, 233, 465-469. | 1.7 | 20 |
| 98 | Glycopeptide N-acetylgalactosaminyltransferase specificities for O-glycosylated sites on MUC5AC mucin motif peptides. <i>Biochemical Journal</i> , 2001, 357, 313. | 1.7 | 19 |
| 99 | Structural and kinetic studies on β -lactamase K1 from <i>Klebsiella aerogenes</i> . <i>Biochemical Journal</i> , 1986, 234, 343-347. | 1.7 | 18 |
| 100 | Photolabeling of Mitochondrial F1-H+ATPase by 2-Azido[3H]ADP and 8-Azido[3H]ADP Entrapped as Fluorometal Complexes into the Catalytic Sites of the Enzyme. <i>Biochemistry</i> , 1994, 33, 3772-3777. | 1.2 | 18 |
| 101 | Amino acid sequence around the proposed thiolester bond of human complement component C4 and comparison with the corresponding sequences from C3 and β 2-macroglobulin. <i>Bioscience Reports</i> , 1981, 1, 423-429. | 1.1 | 17 |
| 102 | Egg capsule secretion in invertebrates: a new ovarian regulatory peptide identified by mass spectrometry comparative screening in <i>Sepia officinalis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004, 314, 215-222. | 1.0 | 17 |
| 103 | Conformational properties of <i>Rhodobacter capsulatus</i> cytochrome c2 wild-type and site-directed mutants using hydrogen/deuterium exchange monitored by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1995, 9, 1135-1140. | 0.7 | 16 |
| 104 | Purification, molecular characterization and catalytic properties of a <i>Pseudomonas fluorescens</i> enzyme having cholinesterase-like activity. <i>BBA - Proteins and Proteomics</i> , 1998, 1385, 126-138. | 2.1 | 15 |
| 105 | Activation of classical pathway of complement cascade by soluble oligomers of prion. <i>Cellular Microbiology</i> , 2007, 9, 2870-2879. | 1.1 | 15 |
| 106 | CNBr cleavage of the light chain of human complement factor I and alignment of the fragments. <i>Biochemical Journal</i> , 1986, 233, 339-345. | 1.7 | 14 |
| 107 | <i>Toxoplasma gondii</i> : Biochemical and biophysical characterization of recombinant soluble dense granule proteins GRA2 and GRA6. <i>Biochemical and Biophysical Research Communications</i> , 2015, 459, 107-112. | 1.0 | 14 |
| 108 | Prion Replication in the Hematopoietic Compartment Is Not Required for Neuroinvasion in Scrapie Mouse Model. <i>PLoS ONE</i> , 2010, 5, e13166. | 1.1 | 14 |

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| 109 | Amino acid sequence of the Bb fragment from human complement Factor B. Alignment of the cyanogen bromide-cleavage peptides. <i>Biochemical Journal</i> , 1983, 209, 51-60. | 1.7 | 13 |
| 110 | Differential accessibility of the carbohydrate moieties of C.hivin.1s-C.hivin.1r-C.hivin.1r-C.hivin.1s, the catalytic subunit of human C.hivin.1. <i>Biochemistry</i> , 1988, 27, 8641-8648. | 1.2 | 13 |
| 111 | Effect of lactoperoxidase-catalyzed iodination on the calcium-dependent interactions of human C.hivin.1s. Location of the iodination sites. <i>Biochemistry</i> , 1991, 30, 7135-7141. | 1.2 | 13 |
| 112 | Studies of acceptor site specificities for three members of UDP-GalNAc:N-acetylgalactosaminyltransferases by using a synthetic peptide mimicking the tandem repeat of MUC5AC. <i>Carbohydrate Research</i> , 2001, 333, 165-171. | 1.1 | 13 |
| 113 | Probing the influence of mutations on the stability of a ferredoxin by mass spectrometry. <i>The Protein Journal</i> , 1997, 16, 527-532. | 1.1 | 12 |
| 114 | Sex Effect in Mouse and Human Prion Disease. <i>Journal of Infectious Diseases</i> , 2010, 202, 648-654. | 1.9 | 12 |
| 115 | Characterization of cytochrome c 6 from the cyanobacterium <i>Anabaena</i> PCC 7119. <i>Journal of Biological Inorganic Chemistry</i> , 1997, 2, 225-234. | 1.1 | 11 |
| 116 | Ovarian jelly-peptides (OJPs), a new family of regulatory peptides identified in the cephalopod <i>Sepia officinalis</i> . <i>Peptides</i> , 2006, 27, 1259-1268. | 1.2 | 11 |
| 117 | Adrenalectomy-induced Increase of Brain Protein Synthesis Is Antagonized by Corticosterone Replacements in Free-moving Rats. <i>Journal of Neurochemistry</i> , 1994, 62, 1079-1088. | 2.1 | 11 |
| 118 | The C3b inactivator is a serine proteinase. <i>Molecular Immunology</i> , 1982, 19, 1376. | 1.0 | 10 |
| 119 | The primary structure of the fourth component of human complement (C4)-C-terminal peptides. <i>Bioscience Reports</i> , 1985, 5, 913-921. | 1.1 | 10 |
| 120 | Characterization of the primary structure of H-protein from <i>Pisum sativum</i> and location of a lipoid acid residue by combined liquid chromatography/mass spectrometry and liquid chromatography/tandem mass spectrometry. <i>Biological Mass Spectrometry</i> , 1993, 22, 447-456. | 0.5 | 10 |
| 121 | Identification of SepCRP analogues in the cuttlefish <i>Sepia officinalis</i> : A novel family of ovarian regulatory peptides. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 1037-1047. | 1.0 | 10 |
| 122 | Sequences of clostridial ferredoxins: determination of the <i>Clostridium sticklandii</i> sequence and correction of the <i>Clostridium acidurici</i> sequence. <i>Biochemical Journal</i> , 1993, 294, 622-623. | 1.7 | 8 |
| 123 | Rod-Like Shape of Vesicular Stomatitis Virus Matrix Protein. <i>Virology</i> , 1996, 219, 465-470. | 1.1 | 7 |
| 124 | The protein sequence of an archaeal catalase-peroxidase. <i>Biochimie</i> , 1998, 80, 1003-1011. | 1.3 | 7 |
| 125 | Early and prolonged widespread increase in brain protein synthesis following a single electroconvulsive shock in free-moving rats. <i>Brain Research</i> , 1999, 821, 111-116. | 1.1 | 7 |
| 126 | The L392V mutation of presenilin 1 associated with autosomal dominant early-onset Alzheimer's disease alters the secondary structure of the hydrophilic loop. <i>NeuroReport</i> , 1999, 10, 3071-3074. | 0.6 | 7 |

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| 127 | Carboxy groups as essential residues in β -lactamases. <i>Biochemical Journal</i> , 1986, 240, 215-219. | 1.7 | 6 |
| 128 | PrP N-terminal domain triggers PrPSc-like aggregation of Dpl. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 478-483. | 1.0 | 6 |
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