

# Pierre Jolles

## List of Publications by Year in descending order

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97  
papers

6,072  
citations

66250

44  
h-index

81351

76  
g-index

107  
all docs

107  
docs citations

107  
times ranked

3281  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | c-type Lysozymes: what do their introns hide?. ScienceOpen Research, 2014, .   | 0.6 | 0         |
| 2  | Characterization and study of a $\hat{\text{I}}^{\text{e}}$ -casein-like chymosin-sensitive linkage. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2005, 1749, 75-80.               | 1.1 | 3         |
| 3  | $^1\text{H}$ NMR Studies of Natural and Synthetic Immunostimulating Peptides in Aqueous Solution. FEBS Journal, 2005, 118, 355-361.  | 0.2 | 6         |
| 4  | The lysozyme of the starfish <i>Asterias rubens</i> . A paradigmatic type i lysozyme. FEBS Journal, 2004, 271, 237-242.  | 0.2 | 44        |
| 5  | Re-evaluation of intramolecular long-range electron transfer between tyrosine and tryptophan in lysozymes. FEBS Journal, 2003, 270, 3565-3571.   | 0.2 | 47        |
| 6  | Phylogenetic Analysis of Invertebrate Lysozymes and the Evolution of Lysozyme Function. Journal of Molecular Evolution, 2002, 54, 652-664.   | 0.8 | 192       |
| 7  | Measurement of Platelet Aggregation Peptide Inhibitors by Ultrasonic Interferometry. Analytical Biochemistry, 1998, 255, 217-222.  | 1.1 | 2         |
| 8  | A peptide fraction from factor VIII reduces PKC activity in cultured endothelial cells. Life Sciences, 1998, 62, 829-837.  | 2.0 | 0         |
| 9  | Binding of the bovine caseinoglycopeptide to the platelet membrane glycoprotein GPIb $\pm$ . IUBMB Life, 1997, 42, 77-84.  | 1.5 | 1         |
| 10 | Effect of $\hat{\text{I}}^{\text{e}}$ -casein split peptides on platelet aggregation and on thrombus formation in the guinea-pig. Thrombosis Research, 1996, 81, 427-437.                      | 0.8 | 37        |
| 11 | The ruminant digestion model using bacteria already employed early in evolution by symbiotic molluscs. Journal of Molecular Evolution, 1996, 43, 523-527.                                      | 0.8 | 37        |
| 12 | Immunostimulating Agents: What Next?. A Review of Their Present and Potential Medical Applications. FEBS Journal, 1996, 242, 1-19.   | 0.2 | 57        |
| 13 | Immunostimulating agents: what next?. , 1996, , 221-239.   |     | 0         |
| 14 | The Ruminant Digestion Model Using Bacteria Already Employed Early in Evolution by Symbiotic Molluscs. Journal of Molecular Evolution, 1996, 43, 523-527.                                      | 0.8 | 0         |
| 15 | Sheep $\hat{\text{I}}^{\text{e}}$ -casein peptides inhibit platelet aggregation. Biochimica Et Biophysica Acta - General Subjects, 1995, 1244, 411-417.  | 1.1 | 55        |
| 16 | From structure to function: possible biological roles of a new widespread protein family binding hydrophobic ligands and displaying a nucleotide binding site. FEBS Letters, 1995, 369, 22-26. | 1.3 | 84        |
| 17 | Relationships Between Molecular Interactions (Nucleotides, Lipids and Proteins) and Structural Features of the Bovine Brain 21-kDa Protein. FEBS Journal, 1994, 225, 1203-1210.                | 0.2 | 36        |
| 18 | Two cytosolic protein families implicated in lipid-binding: Main structural and functional features. International Journal of Biochemistry & Cell Biology, 1993, 25, 1699-1704.                | 0.8 | 13        |

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|----|--|-----|-----------|
| 19 | Biologically Active Peptides from Milk Proteins with Emphasis on Two Examples Concerning Antithrombotic and Immunomodulating Activities. <i>Journal of Dairy Science</i> , 1993, 76, 301-310.  | 1.4 | 179       |
| 20 | Induction of chitinase and beta-1,3-glucanase in <i>Parthenocissus quinquefolia</i> cells cultured in vitro. <i>Physiologia Plantarum</i> , 1993, 89, 399-403.   | 2.6 | 0         |
| 21 | Main structural and functional features of the basic cytosolic bovine 21 kDa protein delineated through Hydrophobic Cluster Analysis and molecular modelling. <i>Protein Engineering, Design and Selection</i> , 1992, 5, 295-303.                 | 1.0 | 34        |
| 22 | Effects of tripeptides derived from milk proteins on polymorphonuclear oxidative and phosphoinositide metabolisms. <i>Biochemical Pharmacology</i> , 1992, 44, 673-680.  | 2.0 | 38        |
| 23 | Specific binding sites on human phagocytic blood cells for Gly-Leu-Phe and Val-Glu-Pro-Ile-Pro-Tyr, immunostimulating peptides from human milk proteins. <i>BBA - Proteins and Proteomics</i> , 1992, 1160, 251-261.                               | 2.1 | 62        |
| 24 | Parallels between milk clotting and blood clotting: opportunities for milk-derived products. <i>Trends in Food Science and Technology</i> , 1991, 2, 42-43.  | 7.8 | 12        |
| 25 | cDNA and amino acid sequences of rainbow trout ( <i>Oncorhynchus mykiss</i> ) lysozymes and their implications for the evolution of lysozyme and lactalbumin. <i>Journal of Molecular Evolution</i> , 1991, 32, 187-198.                           | 0.8 | 105       |
| 26 | KRDS, a new peptide derived from human lactotransferrin, inhibits platelet aggregation and release reaction. <i>FEBS Journal</i> , 1990, 194, 43-49.   | 0.2 | 59        |
| 27 | Amino acid sequences of stomach and nonstomach lysozymes of ruminants. <i>Journal of Molecular Evolution</i> , 1990, 30, 370-382.  | 0.8 | 49        |
| 28 | Biologically active peptides of casein and lactotransferrin implicated in platelet function. <i>Journal of Dairy Research</i> , 1989, 56, 351-355.   | 0.7 | 41        |
| 29 | Episodic evolution in the stomach lysozymes of ruminants. <i>Journal of Molecular Evolution</i> , 1989, 28, 528-535.   | 0.8 | 73        |
| 30 | Fatty-acid-binding protein from bovine brain. Amino acid sequence and some properties. <i>FEBS Journal</i> , 1989, 185, 35-40.   | 0.2 | 38        |
| 31 | Purification and characterization of two lysozymes from rainbow trout ( <i>Salmo gairdneri</i> ). <i>FEBS Journal</i> , 1988, 173, 269-273.  | 0.2 | 80        |
| 32 | A survey on cytosolic non-enzymic proteins involved in the metabolism of lipophilic compounds: from organic anion binders to new protein families. <i>Biochimie</i> , 1987, 69, 1127-1152.   | 1.3 | 34        |
| 33 | Complete amino acid sequence of a basic 21-kDa protein from bovine brain cytosol. <i>FEBS Journal</i> , 1987, 166, 333-338.  | 0.2 | 82        |
| 34 | Analogy between fibrinogen and casein. Effect of an undecapeptide isolated from k-casein on platelet function. <i>FEBS Journal</i> , 1986, 158, 379-382.   | 0.2 | 157       |
| 35 | Ligand-binding studies with a 23 kDa protein purified from bovine brain cytosol. <i>BBA - Proteins and Proteomics</i> , 1986, 871, 19-23.  | 2.1 | 85        |
| 36 | Complete amino acid sequence of human vitamin D-binding protein (group-specific component): evidence of a three-fold internal homology as in serum albumin and I $\alpha$ -fetoprotein. <i>BBA - Proteins and Proteomics</i> , 1986, 871, 189-198. | 2.1 | 49        |

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|----|---|-----|-----------|
| 37 | Purification and characterization of a basic 23 kDa cytosolic protein from bovine brain. BBA - Proteins and Proteomics, 1984, 790, 174-181.   | 2.1 | 131       |
| 38 | Human lactotransferrin: amino acid sequence and structural comparisons with other transferrins. FEBS Journal, 1984, 145, 659-676.   | 0.2 | 490       |
| 39 | Immunostimulating hexapeptide from human casein: amino acid sequence, synthesis and biological properties. FEBS Journal, 1984, 145, 677-682.  | 0.2 | 151       |
| 40 | What's new in lysozyme research?. Molecular and Cellular Biochemistry, 1984, 63, 165-89.  | 1.4 | 819       |
| 41 | Sequence data concerning the protein core of the cartilage proteoglycan monomers. FEBS Letters, 1984, 176, 37-42.   | 1.3 | 28        |
| 42 | Lysozymes' esterase activity. FEBS Letters, 1983, 162, 120-122.   | 1.3 | 8         |
| 43 | Comparison between the clotting of blood and milk. Trends in Biochemical Sciences, 1982, 7, 325-328.  | 3.7 | 50        |
| 44 | Complete Amino Acid Sequence of Ostrich ( <i>Struthio camelus</i> ) Egg-White Lysozyme, a Goose-Type Lysozyme. FEBS Journal, 1982, 123, 489-497.  | 0.2 | 38        |
| 45 | What's new in immunomodulation?. Trends in Biochemical Sciences, 1981, 6, 330-333.  | 3.7 | 4         |
| 46 | Characterization of $\beta$ -casein and keratin domains in fibrinogen. Journal of Molecular Evolution, 1981, 17, 188-189.   | 0.8 | 3         |
| 47 | Localisation of the Prosthetic Sugar Groups of Bovine Colostrum $\beta$ -Casein. Hoppe-Seyler's Zeitschrift für Physiologische Chemie, 1981, 362, 1447-1454.  | 1.7 | 10        |
| 48 | Localisation and Importance of the Sugar Part of Human Casein. FEBS Journal, 1980, 111, 333-339.  | 0.2 | 51        |
| 49 | Insect lysozymes from three species of lepidoptera: Their structural relatedness to the c (chicken) type lysozyme. Journal of Molecular Evolution, 1979, 14, 267-271.                                       | 0.8 | 74        |
| 50 | Lysozymes. III. Amino acid sequence of pheasant lysozyme. Evolutionary change affecting processing of prelysozyme. Biochemistry, 1979, 18, 2744-2752.   | 1.2 | 57        |
| 51 | The carbohydrate portions of milk glycoproteins. Journal of Dairy Research, 1979, 46, 187-191.  | 0.7 | 63        |
| 52 | The involvement of one of the three histidine residues of cow $\beta$ -casein in the chymosin-initiated milk clotting process. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1978, 536, 329-340. | 1.7 | 16        |
| 53 | Structural relatedness of $\beta$ -casein and fibrinogen $\beta$ -chain. Journal of Molecular Evolution, 1978, 11, 271-277.   | 0.8 | 75        |
| 54 | Extension of the transition phenomenon in hen egg-white lysozyme crystals : the case of the monoclinic crystals. Biochimie, 1978, 60, 209-210.  | 1.3 | 5         |

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|----|---|-----|-----------|
| 55 | The action of trypsin on purified link proteins from bovine nasal cartilage proteoglycan complex. FEBS Letters, 1978, 94, 257-260.                          | 1.3 | 12        |
| 56 | Structural data concerning the major rat brain myelin proteolipid P7 apoprotein. FEBS Letters, 1977, 74, 190-194.   | 1.3 | 38        |
| 57 | The Ostrich ( <i>Struthio camelus</i> ) egg-white lysozyme. Molecular and Cellular Biochemistry, 1977, 17, 39-44.   | 1.4 | 19        |
| 58 | Hydrosoluble immunostimulants of bacterial and synthetic origins. Experientia, 1976, 32, 677-683.   | 1.2 | 9         |
| 59 | Amino acid sequence and immunological properties of chachalaca egg white lysozyme. Journal of Molecular Evolution, 1976, 8, 59-78.                          | 0.8 | 59        |
| 60 | Structural aspects of the milk clotting process. Comparative features with the blood clotting process. Molecular and Cellular Biochemistry, 1975, 7, 73-85. | 1.4 | 53        |
| 61 | The Lysozyme from <i>Asterias rubens</i> . FEBS Journal, 1975, 54, 19-23.   | 0.2 | 130       |
| 62 | Immunological cross reactivity between bovine fibrinogen and bovine $\hat{\text{I}}^{\text{e}}$ -casein. FEBS Letters, 1975, 58, 300-301.                   | 1.3 | 3         |
| 63 | Non specific effector-induced enzyme modulation in isolated plasma membranes. FEBS Letters, 1975, 52, 57-61.  | 1.3 | 25        |
| 64 | The Sequence of Sheep kappa-Casein: Primary Structure of para-kappaA-Casein. FEBS Journal, 1974, 46, 127-132.   | 0.2 | 31        |
| 65 | The amino acid sequence of sheep $\hat{\text{I}}^{\text{A}}$ -casein. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1974, 365, 335-343.          | 1.7 | 51        |
| 66 | $\hat{\text{I}}^{\text{e}}$ -Casein from bovine colostrum. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1974, 351, 325-332.                     | 1.7 | 29        |
| 67 | An extracellular rennin-like enzyme produced by <i>Physarum polycephalum</i> . Biochimica Et Biophysica Acta - Biomembranes, 1974, 334, 410-416.            | 1.4 | 19        |
| 68 | Sequence studies concerning human serum transferrin: The primary structure of two cyanogen bromide fragments. FEBS Letters, 1974, 46, 276-280.              | 1.3 | 7         |
| 69 | Characterization of chitinases from haemolymph and cell cultures of cockroach ( <i>Periplaneta</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 5                | 0.2 | 5         |
| 70 | The lysozyme of <i>Nephtys hombergii</i> (annelid). Molecular and Cellular Biochemistry, 1973, 2, 189-195.  | 1.4 | 12        |
| 71 | Amino acid sequence of lysozyme from baboon milk. Journal of Molecular Biology, 1973, 79, 587-595.  | 2.0 | 35        |
| 72 | Hydrosoluble adjuvant-active mycobacterial fractions of low molecular weight. FEBS Letters, 1973, 35, 317-321.  | 1.3 | 29        |

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|----|---|------|-----------|
| 73 | Comparative study of cow and sheep $\beta$ -caseinoglycopeptides: Determination of the N-terminal sequences with a sequencer and location of the sugars. FEBS Letters, 1973, 30, 173-176.   | 1.3  | 36        |
| 74 | Comparison between human and bird lysozymes: Note concerning the previously observed deletion. FEBS Letters, 1972, 22, 31-33.   | 1.3  | 54        |
| 75 | High temperature crystallization of lysozyme: An example of phase transition. FEBS Letters, 1972, 23, 21-23.  | 1.3  | 106       |
| 76 | The action of various lysozymes on chitopentaose*. FEBS Letters, 1972, 23, 275-278.   | 1.3  | 16        |
| 77 | A hydrosoluble, adjuvant-active mycobacterial $\alpha$ -polysaccharide-peptidoglycan. Preparation by a simple extraction technique of the bacterial cells (strain Peurois). FEBS Letters, 1972, 25, 301-304.                      | 1.3  | 57        |
| 78 | The lysozyme from Nephthys hombergi (annelid). Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1972, 263, 683-689.   | 1.7  | 39        |
| 79 | Amino acid sequence of guinea-hen egg-white lysozyme. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1972, 257, 497-510.  | 1.7  | 51        |
| 80 | Studies on the Primary Structure of Cow $\beta$ -Casein.-Structural Features of para- $\beta$ -Casein; N-terminal sequence of $\beta$ -caseinoglycopeptide studied with a sequencer. Helvetica Chimica Acta, 1972, 55, 2872-2883. | 1.0  | 24        |
| 81 | The Amino-Acid and Carbohydrate Sequences of a Short Glycopeptide Isolated from Bovine kappa-Casein. FEBS Journal, 1972, 27, 408-412.   | 0.2  | 39        |
| 82 | Primary sequences of proteins and their evolution. Progress in Biophysics and Molecular Biology, 1971, 22, 97-125.  | 1.4  | 6         |
| 83 | Multiple Forms of Duck-Egg-White Lysozyme. Primary Structure of Two Duck Lysozymes. FEBS Journal, 1971, 24, 12-17.  | 0.2  | 51        |
| 84 | Human Milk Lysozyme: Unpublished Data Concerning the Establishment of the Complete Primary Structure; comparison with lysozymes of various origins. Helvetica Chimica Acta, 1971, 54, 2668-2675.                                  | 1.0  | 50        |
| 85 | Chemical Structure Studies of Cow $\beta$ -Casein: Study of the soluble tryptic peptides. Helvetica Chimica Acta, 1970, 53, 1918-1926.  | 1.0  | 30        |
| 86 | Comparative electrophoretical studies of human and rabbit caseins. International Journal of Biochemistry & Cell Biology, 1970, 1, 546-552.  | 0.8  | 7         |
| 87 | Immunological comparison of bird and human lysozymes and of their $\alpha$ -loop regions. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1970, 214, 222-224.  | 1.7  | 28        |
| 88 | Present Knowledge concerning the Amino-acid Sequence of Cow K-Casein. Nature, 1969, 222, 668-670.   | 13.7 | 34        |
| 89 | The chromatographic purification of human kappa-casein. Journal of Chromatography A, 1969, 44, 573-580.   | 1.8  | 21        |
| 90 | Constantes Apparentes d'Affinité de Lysozymes d'Origines Diverses pour: MICROCOCCUS LYSODEIKTICUS. , 1969, , 191-196.   |      | 6         |

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|----|--|------|-----------|
| 91 | The tryptic peptide with the rennin-sensitive linkage of cow's $\beta$ -casein. <i>Biochimica Et Biophysica Acta</i> (BBA) - Protein Structure, 1968, 168, 591-593.                          | 1.7  | 66        |
| 92 | Étude d'un lysozyme pauvre en cystine et en tryptophane: Le lysozyme de blanc d'oeuf d'oie. <i>Biochimica Et Biophysica Acta</i> (BBA) - Protein Structure, 1967, 133, 472-479.              | 1.7  | 54        |
| 93 | Cell walls of three strains of mycobacteria ( <i>Mycobacterium phlei</i> , <i>Mycobacterium fortuitum</i> and) Tj ETQq1 1 0.784314 rgBT /Overlock<br>Mucopolysaccharides, 1964, 83, 326-332. | 0.2  | 8         |
| 94 | [12] Lysozymes from rabbit spleen and dog spleen. <i>Methods in Enzymology</i> , 1962, 5, 137-140.   | 0.4  | 54        |
| 95 | Amino acid composition of $\beta$ -casein and terminal amino acids of $\beta$ - and para- $\beta$ -casein. <i>Archives of Biochemistry and Biophysics</i> , 1962, 98, 56-57.                 | 1.4  | 78        |
| 96 | Human Casein and its Caseino-glycopeptide. <i>Nature</i> , 1962, 196, 1098-1099.   | 13.7 | 21        |
| 97 | Lysozyme from Human Milk. <i>Nature</i> , 1961, 192, 1187-1188.  | 13.7 | 86        |