Louis Du Pasquier

List of Publications by Year
in descending order

136 papers	7,510 citations	36303 51 h-index	60623 81 g-index
139 all docs	139 docs citations	139 times ranked	5773 citing authors

#	Article	IF	Citations
1	Immunoreceptor tyrosineâ€based inhibition motifs: a quest in the past and future. Immunological Reviews, 2008, 224, 11-43.	6.0	315
2	Genomic analysis of immunity in a Urochordate and the emergence of the vertebrate immune system: â€œwaiting for Godotâ€. Immunogenetics, 2003, 55, 570-581.	2.4	278
3	Plasticity of Animal Genome Architecture Unmasked by Rapid Evolution of a Pelagic Tunicate. Science, 2010, 330, 1381-1385.	12.6	251
4	Genetics of polyploid Xenopus. Trends in Genetics, 1986, 2, 310-315.	6.7	248
5	Heterogeneity of endothelial junctions is reflected by differential expression and specific subcellular localization of the three JAM family members. Blood, 2001, 98, 3699-3707.	1.4	244
6	Evolution of innate and adaptive immunity: can we draw a line?. Trends in Immunology, 2004, 25, 640-644.	6.8	230
7	The First Myriapod Genome Sequence Reveals Conservative Arthropod Gene Content and Genome Organisation in the Centipede Strigamia maritima. PLoS Biology, 2014, 12, e1002005.	5.6	221
8	Antibody diversity in lower vertebratesâ€"why is it so restricted?. Nature, 1982, 296, 311-313.	27.8	152
9	An evolutionarily conserved target motif for immunoglobulin class-switch recombination. Nature Immunology, 2004, 5, 1275-1281.	14.5	150
10	The Dscam Homologue of the Crustacean Daphnia Is Diversified by Alternative Splicing Like in Insects. Molecular Biology and Evolution, 2008, 25, 1429-1439.	8.9	145
11	On the origins of the adaptive immune system: novel insights from invertebrates and cold-blooded vertebrates. Trends in Immunology, 2004, 25, 105-111.	6.8	125
12	The immune system of invertebrates and vertebrates. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2001, 129, 1-15.	1.6	121
13	A Large Repertoire of Parasite Epitopes Matched by a Large Repertoire of Host Immune Receptors in an Invertebrate Host/Parasite Model. PLoS Neglected Tropical Diseases, 2010, 4, e813.	3.0	120
14	Changes in the immune system during metamorphosis of Xenopus. Trends in Immunology, 1987, 8, 58-64.	7.5	116
15	CTX, aXenopus thymocyte receptor, defines a molecular family conserved throughout vertebrates. European Journal of Immunology, 1998, 28, 4094-4104.	2.9	114
16	Cloning of the unculturable parasite <i>Pasteuria ramosa</i> and its <i>Daphnia</i> host reveals extreme genotypeâ€"genotype interactions. Ecology Letters, 2011, 14, 125-131.	6.4	114
17	IsXenopus IgX an analog of IgA?. European Journal of Immunology, 1996, 26, 2823-2830.	2.9	111
18	Expression of MHC Class II Antigens During Xenopus Development. Autoimmunity, 1990, 1, 85-95.	0.6	104

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19	Immunoglobulin superfamily receptors in protochordates: before RAG time. Immunological Reviews, 2004, 198, 233-248.	6.0	104
20	Origin and Evolution of TRIM Proteins: New Insights from the Complete TRIM Repertoire of Zebrafish and Pufferfish. PLoS ONE, 2011, 6, e22022.	2.5	100
21	The B7 family of immunoregulatory receptors: A comparative and evolutionary perspective. Molecular Immunology, 2009, 46, 457-472.	2.2	99
22	B-cell development in the amphibianXenopus. Immunological Reviews, 2000, 175, 201-213.	6.0	97
23	The Chicken Leukocyte Receptor Complex: A Highly Diverse Multigene Family Encoding at Least Six Structurally Distinct Receptor Types. Journal of Immunology, 2005, 175, 385-393.	0.8	88
24	Immune responses of thymusf/lymphocyte embryonic chimeras: studies on tolerance and major histocompatibility complex restriction inXenopus. European Journal of Immunology, 1985, 15, 540-547.	2.9	87
25	Microsites for immunoglobulin switch recombination breakpoints fromXenopus to mammals. European Journal of Immunology, 1997, 27, 2610-2619.	2.9	87
26	The chicken leukocyte receptor complex encodes a primordial, activating, high-affinity IgY Fc receptor. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11718-11723.	7.1	85
27	A family of variable immunoglobulin and lectin domain containing molecules in the snail Biomphalaria glabrata. Developmental and Comparative Immunology, 2015, 48, 234-243.	2.3	85
28	Studies on Xenopus immunoglobulins using monoclonal antibodies. Molecular Immunology, 1984, 21, 257-270.	2.2	81
29	Endothelial adhesion molecule ESAM binds directly to the multidomain adaptor MAGI-1 and recruits it to cell contacts. Experimental Cell Research, 2004, 300, 121-133.	2.6	81
30	Costimulatory receptors in jawed vertebrates: Conserved CD28, odd CTLA4 and multiple BTLAs. Developmental and Comparative Immunology, 2007, 31, 255-271.	2.3	79
31	Ontogeny of immunity in amphibians: Changes in antibody repertoires and appearance of adult major histocompatibility antigens inXenopus. European Journal of Immunology, 1979, 9, 900-906.	2.9	78
32	Immunological memory: What's in a name?. Immunological Reviews, 2018, 283, 7-20.	6.0	78
33	Conservation of an alpha 2 domain within the teleostean world, mhc class i from the rainbow trout Oncorhynchus mykiss. Developmental and Comparative Immunology, 1996, 20, 417-425.	2.3	73
34	A Population Biology Perspective on the Stepwise Infection Process of the Bacterial Pathogen Pasteuria ramosa inÂDaphnia. Advances in Parasitology, 2016, 91, 265-310.	3.2	70
35	Identification of class I major histocompatibility complex encoded molecules in the amphibian Xenopus. Immunogenetics, 1984, 20, 433-442.	2.4	66
36	Phylogeny of B-cell development. Current Opinion in Immunology, 1993, 5, 185-193.	5.5	66

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37	CD96 Interaction with CD155 via Its First Ig-like Domain Is Modulated by Alternative Splicing or Mutations in Distal Ig-like Domains. Journal of Biological Chemistry, 2009, 284, 2235-2244.	3.4	66
38	CTX, a novel molecule specifically expressed on the surface of cortical thymocytes inXenopus. European Journal of Immunology, 1996, 26, 780-791.	2.9	64
39	Sequence and Expression of an Eisenia-Fetida-Derived cDNA Clone That Encodes the 40-kDa Fetidin Antibacterial Protein. FEBS Journal, 1997, 246, 756-762.	0.2	62
40	B-cells need a proper house, whereas T-cells are happy in a cave: the dependence of lymphocytes on secondary lymphoid tissues during evolution. Trends in Immunology, 2010, 31, 144-153.	6.8	62
41	A novel family of diversified immunoregulatory receptors in teleosts is homologous to both mammalian Fc receptors and molecules encoded within the leukocyte receptor complex. Immunogenetics, 2006, 58, 758-773.	2.4	61
42	MHC class I antigens as surface markers of adult erythrocytes during the metamorphosis of Xenopus. Developmental Biology, 1988, 128, 198-206.	2.0	59
43	Lymphoid Tumors of<i>Xenopus laevis</i>with Different Capacities for Growth in Larvae and Adults. Autoimmunity, 1994, 3, 297-307.	0.6	59
44	The Major Histocompatibility Complex of Frogs. Immunological Reviews, 1990, 113, 47-63.	6.0	56
45	Germline and somatic diversification of immune recognition elements in Metazoa. Immunology Letters, 2006, 104, 2-17.	2.5	56
46	No more non-model species: The promise of next generation sequencing for comparative immunology. Developmental and Comparative Immunology, 2014, 45, 56-66.	2.3	56
47	Evolution of the MHC: Antigenicity and unusual tissue distribution of Xenopus (frog) class II molecules. Molecular Immunology, 1990, 27, 451-462.	2.2	55
48	Genetic aspects of the tolerance to allografts induced at metamorphosis in the toadXenopus laevis. Immunogenetics, 1975, 2, 431-440.	2.4	54
49	Structural and functional analysis of spontaneous anti-nitrophenyl antibodies in three cyprinid fish species: Carp (Cyrinuscarpio), goldfish (Carassiusauratus) and tench (Tincatinca). Developmental and Comparative Immunology, 1984, 8, 611-622.	2.3	54
50	Conservation of a master hematopoietic switch gene during vertebrate evolution: Isolation and characterization ofIkaros from teleost and amphibian species. European Journal of Immunology, 1997, 27, 3049-3058.	2.9	54
51	In vitro evidence for T-B lymphocyte collaboration in the clawed toad,Xenopus. European Journal of Immunology, 1980, 10, 869-876.	2.9	53
52	The T cell receptor Î² genes ofXenopus. European Journal of Immunology, 1997, 27, 763-771.	2.9	53
53	Axolotl MHC architecture and polymorphism. European Journal of Immunology, 1999, 29, 2897-2907.	2.9	51
54	A humanTAPBP (TAPASIN)-related gene,TAPBP-R. European Journal of Immunology, 2002, 32, 1059-1068.	2.9	51

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55	The genetic basis of resistance and matching-allele interactions of a host-parasite system: The Daphnia magna-Pasteuria ramosa model. PLoS Genetics, 2017, 13, e1006596.	3.5	51
56	Ontogeny of the alloimmune response against a transplanted tumor in Xenopus laevis. Differentiation, 1995, 59, 135-144.	1.9	50
57	Membrane exon sequences of the threeXenopus Ig classes explain the evolutionary origin of mammalian isotypes. European Journal of Immunology, 1996, 26, 409-414.	2.9	50
58	Origin of Immunoglobulin Isotype Switching. Current Biology, 2012, 22, 872-880.	3.9	49
59	Light chain heterogeneity in the amphibian Xenopus. Molecular Immunology, 1991, 28, 985-994.	2.2	48
60	Transgenesis procedures in <i>Xenopus</i>. Biology of the Cell, 2008, 100, 503-529.	2.0	48
61	Channel catfish leukocyte immune-type receptors contain a putative MHC class I binding site. Immunogenetics, 2007, 59, 77-91.	2.4	47
62	Genetic control of T helper cell function in the clawed toadXenopus laevis. European Journal of Immunology, 1981, 11, 151-155.	2.9	46
63	Speculations on the origin of the vertebrate immune system. Immunology Letters, 2004, 92, 3-9.	2.5	45
64	IMMUNOLOGY: Insects Diversify One Molecule to Serve Two Systems. Science, 2005, 309, 1826-1827.	12.6	43
65	In Vitro Growth of Thymic Tumor Cell Lines from Xenopus. Autoimmunity, 1992, 2, 295-307.	0.6	42
66	Two highly divergent ancient allelic lineages of the transporter associated with antigen processing(TAP) gene inXenopus: further evidence for co-evolution among MHC classâ€„I region genes. European Journal of Immunology, 2003, 33, 3017-3027.	2.9	42
67	Innate immunity in early chordates and the appearance of adaptive immunity. Comptes Rendus - Biologies, 2004, 327, 591-601.	0.2	42
68	Ontogeny of the immune system in Xenopus. Differentiation, 1984, 28, 109-115.	1.9	41
69	Immunogenetic studies on the cell-mediated cytotoxicity in the clawed toadXenopus laevis. Immunogenetics, 1979, 9, 443-454.	2.4	40
70	Ontogeny of the immune system in Xenopus. Differentiation, 1984, 28, 116-122.	1.9	38
71	Somatic and Germline Diversification of a Putative Immunoreceptor within One Phylum: Dscam in Arthropods. Results and Problems in Cell Differentiation, 2015, 57, 131-158.	0.7	36
72	Lymphoid Tissue in Teleost Gills: Variations on a Theme. Biology, 2020, 9, 127.	2.8	35

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73	Development of the early Bâ€‰cell population inXenopus. European Journal of Immunology, 1998, 28, 2947-2959.	2.9	33
74	New perspectives for large-scale repertoire analysis of immune receptors. Molecular Immunology, 2008, 45, 2437-2445.	2.2	32
75	Describing the diversity of Ag specific receptors in vertebrates: Contribution of repertoire deep sequencing. Developmental and Comparative Immunology, 2017, 75, 28-37.	2.3	32
76	Antibody diversity in amphibians: evidence for the inheritance of idiotypic specificities in isogenicXenopus. European Journal of Immunology, 1980, 10, 731-736.	2.9	31
77	Dscam1 in Pancrustacean Immunity: Current Status and a Look to the Future. Frontiers in Immunology, 2017, 8, 662.	4.8	30
78	Factors affecting the reactivity of amphibian lymphocytes in a miniaturized technique of the mixed lymphocyte culture. Journal of Immunological Methods, 1973, 3, 273-285.	1.4	29
79	The third component ofXenopus complement: cDNA cloning, structural and functional analysis, and evidence for an alternate C3 transcript. European Journal of Immunology, 1995, 25, 572-578.	2.9	29
80	Origin and evolution of the vertebrate leukocyte receptors: the lesson from tunicates. Immunogenetics, 2009, 61, 463-481.	2.4	29
81	Origin and evolution of the vertebrate immune system. Apmis, 1992, 100, 383-392.	2.0	28
82	Trans-species polymorphism of the major histocompatibility complex-encoded proteasome subunit LMP7 in an amphibian genus, Xenopus. Immunogenetics, 2000, 51, 186-192.	2.4	28
83	Identification of a polymorphic collagen-like protein in the crustacean bacteria Pasteuria ramosa. Research in Microbiology, 2009, 160, 792-799.	2.1	28
84	Reagents Specific for MHC Class I Antigens ofXenopus. American Zoologist, 1991, 31, 580-591.	0.7	27
85	Complexity of expressed CHIR genes. Developmental and Comparative Immunology, 2010, 34, 866-873.	2.3	27
86	Characterisation of a large family of polymorphic collagen-like proteins in the endospore-forming bacterium Pasteuria ramosa. Research in Microbiology, 2011, 162, 701-714.	2.1	27
87	ciCD94-1, an ascidian multipurpose C-type lectin-like receptor expressed in Ciona intestinalis hemocytes and larval neural structures. Differentiation, 2008, 76, 267-282.	1.9	26
88	Hyperdiploid species hybrids for gene mapping in Xenopus. Nature, 1979, 279, 157-158.	27.8	25
89	The expression of antibody diversity in natural and laboratory-made polyploid individuals of the clawed toad Xenopus. Immunogenetics, 1982, 15, 251-260.	2.4	25
90	Population Genetics of Duplicated Alternatively Spliced Exons of the Dscam Gene in Daphnia and Drosophila. PLoS ONE, 2011, 6, e27947.	2.5	25

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91	MORE THAN ONE WAY TO PRODUCE PROTEIN DIVERSITY: DUPLICATION AND LIMITED ALTERNATIVE SPLICING OF AN ADHESION MOLECULE GENE IN BASAL ARTHROPODS. Evolution; International Journal of Organic Evolution, 2013, 67, n/a-n/a.	2.3	25
92	Exon-intron organization of Xenopus MHC class II Î² chain genes. Immunogenetics, 1995, 42, 376-385.	2.4	23
93	Effects of thymectomy and tolerance induction on tumor immunity in adultXenopus laevis. , 1997, 70, 330-334.		23
94	Shark IgW C Region Diversification through RNA Processing and Isotype Switching. Journal of Immunology, 2013, 191, 3410-3418.	0.8	23
95	The Proto-MHC of Placozoans, a Region Specialized in Cellular Stress and Ubiquitination/Proteasome Pathways. Journal of Immunology, 2014, 193, 2891-2901.	0.8	22
96	Molecular characterisation of immunological memory following homologous or heterologous challenges in the schistosomiasis vector snail, Biomphalaria glabrata. Developmental and Comparative Immunology, 2019, 92, 238-252.	2.3	22
97	Changes in the Amphibian Antibody Repertoire are Correlated With Metamorphosis and not With Age or Size. Autoimmunity, 1992, 2, 1-6.	0.6	21
98	Histocompatibility antigens and immunoglobulin genes in the clawed toad: Espression and linkage studies in recombinant and hyperdiploidxenopus hybrids. Immunogenetics, 1979, 8, 299-310.	2.4	20
99	Immunoglobulin expression in diploid and polyploid interspecies hybrids ofXenopus: evidence for allelic exclusion. European Journal of Immunology, 1983, 13, 585-590.	2.9	20
100	Somatic Mutations During an Immune Response inXenopusTadpoles. Autoimmunity, 1995, 4, 227-234.	0.6	20
101	Genome-Wide Association Analysis Identifies a Genetic Basis of Infectivity in a Model Bacterial Pathogen. Molecular Biology and Evolution, 2020, 37, 3439-3452.	8.9	20
102	Duplication and MHC linkage of the CTX family of genes inXenopus and in mammals. European Journal of Immunology, 1999, 29, 1729-1739.	2.9	18
103	Correction Vol. 32(6) 2002, pp 1593-1604 The fate of duplicated major histocompatibility complex class Ia genes in a dodecaploid amphibian, Xenopus ruwenzoriensis. European Journal of Immunology, 2002, 32, 2698-2709.	2.9	18
104	A Xenopus lymphoid tumor cell line with complete Ig genes rearrangements and T-cell characteristics. Molecular Immunology, 1995, 32, 583-593.	2.2	17
105	Restoration of antibody responsiveness in early thymectomizedXenopus by implantation of major histocompatibility complex-mismatched larval thymus. European Journal of Immunology, 1982, 12, 546-551.	2.9	16
106	Methods Used to Study the Immune System of Xenopus (Amphibia, Anura). , 1985, , 425-465.		16
107	Cross-linking CTX, a novel thymocyte-specific molecule, inhibits the growth of lymphoid tumor cells in xenopus. Molecular Immunology, 1997, 34, 133-143.	2.2	16
108	The fate of duplicated immunity genes in the dodecaploid Xenopus ruwenzoriensis. Frontiers in Bioscience - Landmark, 2009, Volume, 177.	3.0	16

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109	Fish 'n' TRIMs. Journal of Biology, 2009, 8, 50.	2.7	14
110	Studies on the Xenopus major histocompatibility complex. Developmental and Comparative Immunology, 1985, 9, 777-781.	2.3	13
111	RING3 is linked to theXenopus major histocompatibility complex. Immunogenetics, 1996, 44, 397-399.	2.4	13
112	Sequences of CÎ¼ and the VH1 Family in LG7, a Clonable Strain of Xenopus, Homozygous for the Immunoglobulin Loci. Autoimmunity, 1992, 3, 13-24.	0.6	12
113	Diversity of expressed V and J regions of immunoglobulin light chains in Xenopus laevis. European Journal of Immunology, 1993, 23, 1980-1986.	2.9	12
114	The repertoire of vertebrate STAT transcription factors: Origin and variations in fish. Developmental and Comparative Immunology, 2021, 116, 103929.	2.3	11
115	Antibody Cross-Linking of the Thymocyte-Specific Cell Surface Molecule CTX Causes Abnormal Mitosis and Multinucleation of Tumor Cells. Experimental Cell Research, 1997, 235, 227-237.	2.6	10
116	Differential expression of creatine kinase isozymes during development of Xenopus laevis: An unusual heterodimeric isozyme appears at metamorphosis. Differentiation, 1991, 46, 23-34.	1.9	9
117	CTX, a Xenopus thymocyte receptor, defines a molecular family conserved throughout vertebrates. European Journal of Immunology, 1998, 28, 4094-4104.	2.9	8
118	Workshop report: evolutionary immunobiologyâ€"new approaches, new paradigms. Developmental and Comparative Immunology, 2003, 27, 263-271.	2.3	7
119	Infections by Pasteuria do not protect its natural host Daphnia magna from subsequent infections. Developmental and Comparative Immunology, 2016, 57, 120-125.	2.3	7
120	B-cell development in the amphibian Xenopus. Immunological Reviews, 2000, 175, 201-213.	6.0	7
121	RING3 is linked to the Xenopus major histocompatibility complex. Immunogenetics, 1996, 44, 397-399.	2.4	6
122	Evolutionary Concepts in Immunology. , 2019, , .		6
123	Ontogeny of Immunological Functions in Amphibians. , 1982, , 633-657.		4
124	Relationships among the genes encoding MHC molecules and the specific antigen receptors. , 2000, , 53-65.		4
125	Ontogeny of the Immune System in Anuran Amphibians. , 1986, , 1079-1088.		3
126	Major Histocompatibility Complex (MHC) in Fish. , 2022, , 355-386.		3

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127	Charley Steinberg 1932-1999. Immunogenetics, 2000, 51, 395-397.	2.4	2
128	Le Tï¿½tard et lï¿½Anticorps. , 1981, 1, 62-68.		1
129	The Triumph of Individualism: Evolution of Somatically Generated Adaptive Immune Systems. , 2019, , 71-117.		1
130	Xenopus lymphoid tumor cell lines. , 1996, , 2367-2377.		1
131	Tonegawa's prize. Nature, 1988, 331, 108-108.	27.8	0
132	Innate immunity in early chordates and the appearance of adaptive immunity. Comptes Rendus - Biologies, 2004, 327, 591-591.	0.2	0
133	Specific Immune Response. NeuroImmune Biology, 2007, , 101-126.	0.2	0
134	The Other Side of the Arms Race. , 2019, , 119-130.		0
135	Phylogeny of MHC Class I and Class II Molecules Identified by Cross-Reactive Xenoantisera. , 1985, , 51-59.		0
136	A ploidy marker to track lymphocytes after cells transfer between genetically identical or inbred Xenopus. , 1996, , 2379-2394.		0