

Eva Bengten

List of Publications by Year in descending order

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78
papers

4,042
citations

101384

36
h-index

114278

63
g-index

78
all docs

78
docs citations

78
times ranked

2605
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunoglobulin D enhances immune surveillance by activating antimicrobial, proinflammatory and B cell-stimulating programs in basophils. <i>Nature Immunology</i> , 2009, 10, 889-898.	7.0	362
2	A novel chimeric Ig heavy chain from a teleost fish shares similarities to IgD. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 4593-4597.	3.3	304
3	Identification of Two IgD+ B Cell Populations in Channel Catfish, <i>Ictalurus punctatus</i> . <i>Journal of Immunology</i> , 2010, 185, 4082-4094.	0.4	156
4	Channel catfish cytotoxic cells: a mini-review. <i>Developmental and Comparative Immunology</i> , 2002, 26, 141-149.	1.0	139
5	T-cell receptors in channel catfish: structure and expression of TCR α and β genes. <i>Molecular Immunology</i> , 1998, 35, 545-557.	1.0	130
6	CD4 ⁺ T-Helper Cells Stimulated in Response to Placental Ischemia Mediate Hypertension During Pregnancy. <i>Hypertension</i> , 2011, 57, 949-955.	1.3	118
7	A cluster type organization of the loci of the immunoglobulin light chain in Atlantic cod (<i>Gadus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 cDNAs and hybridization analysis. <i>Immunogenetics</i> , 1993, 38, 199-209.	1.2	117
8	Development and Analysis of Various Clonal Alloantigen- Dependent Cytotoxic Cell Lines from Channel Catfish. <i>Journal of Immunology</i> , 2000, 164, 2971-2977.	0.4	116
9	Identification and expression analysis of interferon gamma genes in channel catfish. <i>Immunogenetics</i> , 2006, 58, 70-80.	1.2	116
10	Comprehensive survey and genomic characterization of Toll-like receptors (TLRs) in channel catfish, <i>Ictalurus punctatus</i> : identification of novel fish TLRs. <i>Immunogenetics</i> , 2013, 65, 511-530.	1.2	113
11	Conserved natural IgM antibodies mediate innate and adaptive immunity against the opportunistic fungus <i>Pneumocystis murina</i> . <i>Journal of Experimental Medicine</i> , 2010, 207, 2907-2919.	4.2	109
12	The <i>IgH</i> Locus of the Channel Catfish, <i>Ictalurus punctatus</i> , Contains Multiple Constant Region Gene Sequences: Different Genes Encode Heavy Chains of Membrane and Secreted IgD. <i>Journal of Immunology</i> , 2002, 169, 2488-2497.	0.4	108
13	Identification of a cDNA encoding channel catfish interferon. <i>Developmental and Comparative Immunology</i> , 2004, 28, 97-111.	1.0	105
14	Immunoglobulin heavy chain cDNA from the teleost Atlantic cod (<i>Gadus morhua</i> L.): nucleotide sequences of secretory and membrane form show an unusual splicing pattern. <i>European Journal of Immunology</i> , 1991, 21, 3027-3033.	1.6	103
15	Channel catfish immunoglobulins: Repertoire and expression. <i>Developmental and Comparative Immunology</i> , 2006, 30, 77-92.	1.0	98
16	Identification and characterization of clonal NK-like cells from channel catfish (<i>Ictalurus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (p 1.0 96	1.0	96
17	Insights into the function of IgD. <i>Developmental and Comparative Immunology</i> , 2011, 35, 1309-1316.	1.0	90
18	Assembly of 500,000 inter-specific catfish expressed sequence tags and large scale gene-associated marker development for whole genome association studies. <i>Genome Biology</i> , 2010, 11, R8.	13.9	83

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19	Channel catfish, <i>Ictalurus punctatus</i> , CD4-like molecules. <i>Developmental and Comparative Immunology</i> , 2007, 31, 172-187.	1.0	81
20	Characterisation of rainbow trout cdnas encoding a secreted and membrane-bound Ig heavy chain and the genomic intron upstream of the first constant exon. <i>Molecular Immunology</i> , 1993, 30, 641-648.	1.0	77
21	Channel catfish NK-like cells are armed with IgM via a putative Fc γ R. <i>Developmental and Comparative Immunology</i> , 2003, 27, 699-714.	1.0	75
22	Immunoglobulin concentration in Atlantic cod, <i>Gadus morhua</i> L., serum and cross-reactivity between anti-cod-antibodies and immunoglobulins from other species. <i>Journal of Fish Biology</i> , 1991, 39, 265-278.	0.7	70
23	Heterogeneity of Channel Catfish CTL with Respect to Target Recognition and Cytotoxic Mechanisms Employed. <i>Journal of Immunology</i> , 2001, 167, 1325-1332.	0.4	70
24	Immunoglobulin in fish ϵ genes, expression and structure. <i>Fish and Shellfish Immunology</i> , 1996, 6, 243-262.	1.6	69
25	Structure of the catfish IGH locus: analysis of the region including the single functional IGHM gene. <i>Immunogenetics</i> , 2006, 58, 831-844.	1.2	64
26	A novel family of diversified immunoregulatory receptors in teleosts is homologous to both mammalian Fc receptors and molecules encoded within the leukocyte receptor complex. <i>Immunogenetics</i> , 2006, 58, 758-773.	1.2	61
27	Identification of Ig λ and Ig μ in channel catfish, <i>Ictalurus punctatus</i> , and Ig μ in Atlantic cod, <i>Gadus morhua</i> . <i>Immunogenetics</i> , 2009, 61, 353-370.	1.2	56
28	Antibody Repertoires in Fish. <i>Results and Problems in Cell Differentiation</i> , 2015, 57, 193-234.	0.2	56
29	Identification and expression analysis of cDNAs encoding channel catfish type I interferons. <i>Fish and Shellfish Immunology</i> , 2006, 21, 42-59.	1.6	50
30	Identification and Characterization of a FcR Homolog in an Ectothermic Vertebrate, the Channel Catfish (<i>Ictalurus punctatus</i>). <i>Journal of Immunology</i> , 2006, 177, 2505-2517.	0.4	48
31	Granzyme-like sequences in bony fish shed light on the emergence of hematopoietic serine proteases during vertebrate evolution. <i>Developmental and Comparative Immunology</i> , 2006, 30, 901-918.	1.0	47
32	Channel catfish leukocyte immune-type receptors contain a putative MHC class I binding site. <i>Immunogenetics</i> , 2007, 59, 77-91.	1.2	47
33	Identification and characterization of a FasL-like protein and cDNAs encoding the channel catfish death-inducing signaling complex. <i>Immunogenetics</i> , 2004, 56, 518-530.	1.2	46
34	Immunoglobulin light (IgL) chains in ectothermic vertebrates. <i>Developmental and Comparative Immunology</i> , 2011, 35, 906-915.	1.0	45
35	Channel catfish (<i>Ictalurus punctatus</i>) leukocytes express estrogen receptor isoforms ER α and ER β 2 and are functionally modulated by estrogens. <i>Fish and Shellfish Immunology</i> , 2014, 40, 109-119.	1.6	44
36	Genomic organization and differential expression of channel catfish MHC class I genes. <i>Developmental and Comparative Immunology</i> , 2001, 25, 579-595.	1.0	41

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37	The T Cell Receptor β Locus of the Channel Catfish, <i>Ictalurus punctatus</i> , Reveals Unique Features. <i>Journal of Immunology</i> , 2003, 170, 2573-2581.	0.4	37
38	Immunoglobulin VH regions in Atlantic cod (<i>Gadus morhua</i> L.): Their diversity and relationship to VH families from other species. <i>Developmental and Comparative Immunology</i> , 1994, 18, 109-122.	1.0	36
39	Unified nomenclature of Ig VH genes in rainbow trout (<i>Oncorhynchus mykiss</i>): definition of eleven VH families. <i>Immunogenetics</i> , 1996, 43, 325-326.	1.2	32
40	B cell receptor accessory molecules in the channel catfish, <i>Ictalurus punctatus</i> . <i>Developmental and Comparative Immunology</i> , 2008, 32, 1385-1397.	1.0	27
41	A Leukocyte Immune-Type Receptor Subset Is a Marker of Antiviral Cytotoxic Cells in Channel Catfish, <i>Ictalurus punctatus</i> . <i>Journal of Immunology</i> , 2016, 196, 2677-2689.	0.4	27
42	Transcriptional enhancers of immunoglobulin light chain genes in Atlantic cod (<i>Gadus morhua</i>). <i>Immunogenetics</i> , 2000, 51, 647-658.	1.2	26
43	Characterization of additional novel immune type receptors in channel catfish, <i>Ictalurus punctatus</i> . <i>Immunogenetics</i> , 2007, 59, 661-671.	1.2	26
44	Altered Expression of P2 Receptor mRNAs in the Basilar Artery in a Rat Double Hemorrhage Model. <i>Stroke</i> , 2001, 32, 516-522.	1.0	25
45	Telomerase expression and telomere length in immortal leukocyte lines from channel catfish. <i>Developmental and Comparative Immunology</i> , 2000, 24, 583-595.	1.0	24
46	Characterization of anti-channel catfish IgL β monoclonal antibodies. <i>Veterinary Immunology and Immunopathology</i> , 2010, 135, 325-328.	0.5	24
47	Thioredoxin Acts as a B Cell Growth Factor in Channel Catfish. <i>Journal of Immunology</i> , 2001, 166, 2937-2943.	0.4	22
48	Immortal and mortal clonal lymphocyte lines from channel catfish: comparison of telomere length, telomerase activity, tumor suppressor and heat shock protein expression. <i>Developmental and Comparative Immunology</i> , 2002, 26, 45-51.	1.0	21
49	Mitogen and growth factor-induced activation of a STAT-like molecule in channel catfish lymphoid cells. Abbreviations: PBLs, peripheral blood leukocytes; STAT, signal transducer and activator of transcription; Jak, Janus kinase; GAS, interferon γ activation site; IRF, interferon response factor; EMSA, electromobility shift assay. <i>Molecular Immunology</i> , 1998, 35, 127-136.	1.0	18
50	Hemolysate Induces Tyrosine Phosphorylation and Collagen-Lattice Compaction in Cultured Fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 1999, 264, 100-107.	1.0	18
51	MHC RFLP analyses in channel catfish full-sibling families: identification of the role of MHC molecules in spontaneous allogeneic cytotoxic responses. <i>Developmental and Comparative Immunology</i> , 2005, 29, 457-467.	1.0	18
52	Activation of channel catfish (<i>Ictalurus punctatus</i>) T cells involves NFAT-like transcription factors. <i>Developmental and Comparative Immunology</i> , 2002, 26, 775-784.	1.0	16
53	Channel catfish CD8 α and CD8 β co-receptors: Characterization, expression and polymorphism. <i>Fish and Shellfish Immunology</i> , 2011, 30, 894-901.	1.6	15
54	The Src tyrosine kinase Lck binds to CD2, CD4-1, and CD4-2 T cell co-receptors in channel catfish, <i>Ictalurus punctatus</i> . <i>Molecular Immunology</i> , 2015, 66, 126-138.	1.0	15

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55	Organization and expression of thirteen alternatively spliced exons in catfish CD45 homologs. <i>Developmental and Comparative Immunology</i> , 2004, 28, 1023-1035.	1.0	12
56	Genomic organization of the channel catfish CD45 functional gene and CD45 pseudogenes. <i>Immunogenetics</i> , 2005, 57, 374-383.	1.2	12
57	Identification and characterization of the tumor suppressor p53 in channel catfish (<i>Ictalurus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 120, 675-682.	0.7	10
58	Cloning and characterization of antiviral cytotoxic T lymphocytes in channel catfish, <i>Ictalurus punctatus</i> . <i>Virology</i> , 2020, 540, 184-194.	1.1	9
59	Channel catfish soluble Fc γ R binds conserved linear epitopes present on C γ 3 and C γ 4. <i>Molecular Immunology</i> , 2010, 47, 1306-1316.	1.0	8
60	Expression of alternatively spliced CD45 isoforms by channel catfish clonal T and B cells is dependent on activation state of the cell and regulated by protein synthesis and degradation. <i>Developmental and Comparative Immunology</i> , 2010, 34, 1109-1118.	1.0	8
61	Identification and characterization of TCR β and TCR γ chains in channel catfish, <i>Ictalurus punctatus</i> . <i>Immunogenetics</i> , 2014, 66, 545-561.	1.2	8
62	Expression profiles of cloned channel catfish (<i>Ictalurus punctatus</i>) lymphoid cell lines and mixed lymphocyte cultures. <i>Developmental and Comparative Immunology</i> , 2009, 33, 224-234.	1.0	7
63	Characterization of anti-channel catfish MHC class III ² monoclonal antibodies. <i>Veterinary Immunology and Immunopathology</i> , 2008, 126, 120-130.	0.5	6
64	Insights into the dynamics of memory, effector and apoptotic cytotoxic T lymphocytes in channel catfish, <i>Ictalurus punctatus</i> . <i>Developmental and Comparative Immunology</i> , 2019, 92, 116-128.	1.0	5
65	Comparative genomics of transcription factors driving expression of the immunoglobulin heavy chain locus in teleost fish. <i>Journal of Fish Biology</i> , 2007, 71, 153-173.	0.7	4
66	Catfish lymphocytes expressing CC41-reactive leukocyte immune-type receptors (LITRs) proliferate in response to <i>Edwardsiella ictaluri</i> infection in vitro. <i>Developmental and Comparative Immunology</i> , 2020, 106, 103610.	1.0	4
67	Characterization of immunoglobulin light chain utilization and variable family diversity in rainbow trout. <i>Developmental and Comparative Immunology</i> , 2020, 104, 103566.	1.0	3
68	A Comprehensive Annotation of the Channel Catfish (<i>Ictalurus punctatus</i>) T Cell Receptor Alpha/Delta, Beta, and Gamma Loci. <i>Frontiers in Immunology</i> , 2021, 12, 786402.	2.2	3
69	Interferons and interferon receptors in the channel catfish, <i>Ictalurus punctatus</i> . <i>Fish and Shellfish Immunology</i> , 2022, 123, 442-452.	1.6	3
70	J11 Organization and transcriptional enhancers of immunoglobulin light chain genes in Atlantic cod. <i>Developmental and Comparative Immunology</i> , 1997, 21, 162.	1.0	1
71	M5 11:15 Activation of STAT6 in channel catfish lymphoid cells. <i>Developmental and Comparative Immunology</i> , 1997, 21, 189.	1.0	1
72	Identification of SHIP-1 and SHIP-2 homologs in channel catfish, <i>Ictalurus punctatus</i> . <i>Developmental and Comparative Immunology</i> , 2015, 51, 79-87.	1.0	1

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73	U9 1:45 Characterization of channel catfish T cell lines. <i>Developmental and Comparative Immunology</i> , 1997, 21, 241.	1.0	0
74	Organization and expression of thirteen alternatively spliced exons in catfish CD45 homologs. <i>Developmental and Comparative Immunology</i> , 2004, 28, 1023-1023.	1.0	0
75	Three different IgD cell populations in channel catfish, <i>Ictalurus punctatus</i> . <i>FASEB Journal</i> , 2008, 22, 863.4.	0.2	0
76	Identification CD79a and CD79b homologs in channel catfish, <i>Ictalurus punctatus</i> . <i>FASEB Journal</i> , 2008, 22, 863.7.	0.2	0
77	A soluble Fc receptor in channel catfish, <i>Ictalurus punctatus</i> , binds IgM. <i>FASEB Journal</i> , 2008, 22, 863.6.	0.2	0
78	Introduction for Special Issue: Evolutionary Biology of Immunoglobulins. <i>Developmental and Comparative Immunology</i> , 2022, 133, 104423.	1.0	0