Johannes M Dijkstra

List of Publications by Year
in descending order

68 papers	3,181 citations	147801 31 h-index	155660 55 g-index
71 all docs	71 docs citations	71 times ranked	1968 citing authors

#	Article	IF	Citations
1	Bitiscetin-3, a Novel C-Type Lectin-like Protein Cloned from the Venom Gland of the Viper Bitis arietans, Induces Platelet Agglutination and Inhibits Binding of Von Willebrand Factor to Collagen. Toxins, 2022, 14, 236.	3.4	3
2	Cognitive behavioral therapy (CBT), acceptance and commitment therapy (ACT), and Morita therapy (MT); comparison of three established psychotherapies and possible common neural mechanisms of psychotherapies. Journal of Neural Transmission, 2022, 129, 805-828.	2.8	3
3	A method for making alignments of related protein sequences that share very little similarity; shark interleukin 2 as an example. Immunogenetics, 2021, 73, 35-51.	2.4	7
4	Most Japanese individuals are genetically predisposed to recognize an immunogenic protein fragment shared between COVID-19 and common cold coronaviruses. F1000Research, 2021, 10, 196.	1.6	7
5	The Structure of a Peptide-Loaded Shark MHC Class I Molecule Reveals Features of the Binding between Î²2-Microglobulin and H Chain Conserved in Evolution. Journal of Immunology, 2021, 207, 308-321.	0.8	13
6	Structural Comparison Between MHC Classes I and II; in Evolution, a Class-II-Like Molecule Probably Came First. Frontiers in Immunology, 2021, 12, 621153.	4.8	17
7	Immunogenetics special issue 2021: Fish Immunology. Immunogenetics, 2021, 73, 1-3.	2.4	2
8	Discovery of an ancient MHC category with both class I and class II features. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	9
9	Ancient Cytokine Interleukin 15-Like (IL-15L) Induces a Type 2 Immune Response. Frontiers in Immunology, 2020, 11, 549319.	4.8	18
10	A Glimpse of the Peptide Profile Presentation by Xenopus laevis MHC Class I: Crystal Structure of pXela-UAA Reveals a Distinct Peptide-Binding Groove. Journal of Immunology, 2020, 204, 147-158.	0.8	20
11	A fish cytokine related to human IL-3, IL-5, and GM-CSF, induces development of eosinophil/basophil/mast-cell type (EBM) granulocytes. Developmental and Comparative Immunology, 2020, 108, 103671.	2.3	4
12	Expected immune recognition of COVID-19 virus by memory from earlier infections with common coronaviruses in a large part of the world population. F1000Research, 2020, 9, 285.	1.6	19
13	Expected immune recognition of COVID-19 virus by memory from earlier infections with common coronaviruses in a large part of the world population. F1000Research, 2020, 9, 285.	1.6	20
14	Genomic Diversity of the Major Histocompatibility Complex in Health and Disease. Cells, 2019, 8, 1270.	4.1	10
15	Teleost cytotoxic T cells. Fish and Shellfish Immunology, 2019, 95, 422-439.	3.6	32
16	Discovery of a Novel MHC Class I Lineage in Teleost Fish which Shows Unprecedented Levels of Ectodomain Deterioration while Possessing an Impressive Cytoplasmic Tail Motif. Cells, 2019, 8, 1056.	4.1	13
17	Major Histocompatibility Complex (MHC) Genes and Disease Resistance in Fish. Cells, 2019, 8, 378.	4.1	70
18	Ancient features of the MHC class II presentation pathway, and a model for the possible origin of MHC molecules. Immunogenetics, 2019, 71, 233-249.	2.4	31

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19	Conservation of sequence motifs suggests that the nonclassical MHC class I lineages CD1/PROCR and UT were established before the emergence of tetrapod species. Immunogenetics, 2018, 70, 459-476.	2.4	23
20	Major histocompatibility complex (MHC) fragment numbers alone â€“ in Atlantic cod and in general - do not represent functional variability. F1000Research, 2018, 7, 963.	1.6	8
21	Major histocompatibility complex (MHC) fragment numbers alone â€“ in Atlantic cod and in general - do not represent functional variability. F1000Research, 2018, 7, 963.	1.6	9
22	The Structure of the MHC Class I Molecule of Bony Fishes Provides Insights into the Conserved Nature of the Antigen-Presenting System. Journal of Immunology, 2017, 199, 3668-3678.	0.8	37
23	Identification of a fourth ancient member of the IL-3/IL-5/GM-CSF cytokine family, KK34, in many mammals. Developmental and Comparative Immunology, 2016, 65, 268-279.	2.3	16
24	Along the Axis between Type 1 and Type 2 Immunity; Principles Conserved in Evolution from Fish to Mammals. Biology, 2015, 4, 814-859.	2.8	62
25	The â€œNF-Ä¸BÂinteracting long noncoding RNAâ€•(NKILA) transcript is antisense to cancer-associated gene PMEPA1. F1000Research, 2015, 4, 96.	1.6	27
26	A comprehensive analysis of teleost MHC class I sequences. BMC Evolutionary Biology, 2015, 15, 32.	3.2	81
27	Identification of a gene for an ancient cytokine, interleukin 15-like, in mammals; interleukins 2 and 15 co-evolved with this third family member, all sharing binding motifs for IL-15RÎ±. Immunogenetics, 2014, 66, 93-103.	2.4	33
28	TH2 and Treg candidate genes in elephant shark. Nature, 2014, 511, E7-E9.	27.8	51
29	Transcription analysis of two Eomesodermin genes in lymphocyte subsets of two teleost species. Fish and Shellfish Immunology, 2014, 36, 215-222.	3.6	12
30	Non-human lnc-DC orthologs encode Wdnm1-like protein. F1000Research, 2014, 3, 160.	1.6	16
31	Non-human lnc-DC orthologs encode Wdnm1-like protein. F1000Research, 2014, 3, 160.	1.6	12
32	Comprehensive analysis of MHC class II genes in teleost fish genomes reveals dispensability of the peptide-loading DM system in a large part of vertebrates. BMC Evolutionary Biology, 2013, 13, 260.	3.2	86
33	Clonal growth of carp (Cyprinus carpio) T cells inÂvitro: Long-term proliferation ofÂTh2-like cells. Fish and Shellfish Immunology, 2013, 34, 433-442.	3.6	33
34	G6f-Like Is an ITAM-Containing Collagen Receptor in Thrombocytes. PLoS ONE, 2012, 7, e52622.	2.5	9
35	Constitutive high expression of interleukin-4/13A and GATA-3 in gill and skin of salmonid fishes suggests that these tissues form Th2-skewed immune environments. Molecular Immunology, 2011, 48, 1360-1368.	2.2	109
36	The expression of CD8Î± discriminates distinct T cell subsets in teleost fish. Developmental and Comparative Immunology, 2011, 35, 752-763.	2.3	160

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37	A molecule in teleost fish, related with human MHC-encoded G6F, has a cytoplasmic tail with ITAM and marks the surface of thrombocytes and in some fishes also of erythrocytes. Immunogenetics, 2010, 62, 543-559.	2.4	20
38	Salmonid T cells assemble in the thymus, spleen and in novel interbranchial lymphoid tissue. Journal of Anatomy, 2010, 217, 728-739.	1.5	166
39	Zinc-dependent binding between peptides derived from rainbow trout CD8Î± and LCK. Fish and Shellfish Immunology, 2010, 28, 72-76.	3.6	16
40	Comprehensive clarification of two paralogous interleukin 4/13 loci in teleost fish. Immunogenetics, 2008, 60, 383-397.	2.4	132
41	Genomic organization and expression of CD8Î± and CD8Î² genes in fugu Takifugu rubripes. Fish and Shellfish Immunology, 2007, 23, 1107-1118.	3.6	41
42	Identification of Additional Quantitative Trait Loci (QTL) Responsible for Susceptibility to Infectious Pancreatic Necrosis Virus in Rainbow Trout. Fish Pathology, 2007, 42, 131-140.	0.7	31
43	A third broad lineage of major histocompatibility complex (MHC) class I in teleost fish; MHC class II linkage and processed genes. Immunogenetics, 2007, 59, 305-321.	2.4	52
44	Identification and characterization of a second CD4-like gene in teleost fish. Molecular Immunology, 2006, 43, 410-419.	2.2	104
45	Polymorphism of two very similar MHC class Ib loci in rainbow trout (Oncorhynchus mykiss). Immunogenetics, 2006, 58, 152-167.	2.4	30
46	Characterisation and expression analysis of interleukin 2 (IL-2) and IL-21 homologues in the Japanese pufferfish, Fugu rubripes, following their discovery by synteny. Immunogenetics, 2005, 56, 909-923.	2.4	111
47	Interchromosomal duplication of major histocompatibility complex class I regions in rainbow trout (Oncorhynchus mykiss), a species with a presumably recent tetraploid ancestry. Immunogenetics, 2005, 56, 878-893.	2.4	67
48	Growth and Behavioral Traits in Donaldson Rainbow Trout (Oncorhynchus mykiss) Cosegregate with Classical MajorHistocompatibility Complex (MHC) Class I Genotype. Behavior Genetics, 2005, 35, 463-478.	2.1	37
49	Identification and Bioactivities of IFN-Î³ in Rainbow Trout <i>Oncorhynchus mykiss</i>: The First Th1-Type Cytokine Characterized Functionally in Fish. Journal of Immunology, 2005, 175, 2484-2494.	0.8	355
50	The ontogeny of MHC class I expression in rainbow trout (Oncorhynchus mykiss). Fish and Shellfish Immunology, 2005, 18, 49-60.	3.6	63
51	New MHC class Ia domain lineages in rainbow trout (Oncorhynchus mykiss) which are shared with other fish species. Fish and Shellfish Immunology, 2005, 18, 243-254.	3.6	33
52	Identification of an interferon gamma homologue in Fugu, Takifugu rubripes. Fish and Shellfish Immunology, 2004, 17, 403-409.	3.6	152
53	The rainbow trout classical MHC class I molecule Onmy-UBA*501 is expressed in similar cell types as mammalian classical MHC class I molecules. Fish and Shellfish Immunology, 2003, 14, 1-23.	3.6	53
54	Chromosome mapping of MHC class I in rainbow trout (Oncorhynchus mykiss). Fish and Shellfish Immunology, 2003, 14, 171-175.	3.6	10

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55	The promoter of the classical MHC class I locus in rainbow trout (Oncorhynchus mykiss). Fish and Shellfish Immunology, 2003, 14, 177-185.	3.6	34
56	The MHC classï¿½I linkage group is a major determinant in the in vivo rejection of allogeneic erythrocytes in rainbow trout (Oncorhynchus mykiss). Immunogenetics, 2003, 55, 315-324.	2.4	24
57	Adaptive cell-mediated cytotoxicity against allogeneic targets by CD8-positive lymphocytes of rainbow trout (Oncorhynchus mykiss). Developmental and Comparative Immunology, 2003, 27, 323-337.	2.3	89
58	MHC class II invariant chain homologues in rainbow trout (Oncorhynchus mykiss). Fish and Shellfish Immunology, 2003, 15, 91-105.	3.6	34
59	A new putative G-protein coupled receptor gene associated with the immune system of rainbow trout (Oncorhynchus mykiss). Fish and Shellfish Immunology, 2003, 15, 117-127.	3.6	5
60	Classical MHC Class I Genes Composed of Highly Divergent Sequence Lineages Share a Single Locus in Rainbow Trout (<i>Oncorhynchus mykiss</i>). Journal of Immunology, 2002, 168, 260-273.	0.8	86
61	The outer membrane fraction of Flavobacterium psychrophilum induces protective immunity in rainbow trout and ayu. Fish and Shellfish Immunology, 2002, 12, 169-179.	3.6	65
62	Differences in MHC class I genes between strains of rainbow trout ( ). Fish and Shellfish Immunology, 2002, 12, 287-301.	3.6	21
63	Ubiquitin genes in rainbow trout ( ). Fish and Shellfish Immunology, 2002, 12, 335-351.	3.6	8
64	Exogenous antigens and the stimulation of MHC class I restricted cell-mediated cytotoxicity: possible strategies for fish vaccines. Fish and Shellfish Immunology, 2001, 11, 437-458.	3.6	27
65	Inhibition of Virion Maturation by Simultaneous Deletion of Glycoproteins E, I, and M of Pseudorabies Virus. Journal of Virology, 1999, 73, 5364-5372.	3.4	133
66	Glycoproteins gM and gN of Pseudorabies Virus Are Dispensable for Viral Penetration and Propagation in the Nervous Systems of Adult Mice. Journal of Virology, 1999, 73, 10503-10507.	3.4	10
67	Glycoproteins M and N of Pseudorabies Virus Form a Disulfide-Linked Complex. Journal of Virology, 1998, 72, 550-557.	3.4	87
68	Does CXCR3 chemokine receptor expression by CD8+ T cells affect their moving towards or only their binding to virus-infected monocytes?. F1000Research, 0, 4, 922.	1.6	0