Lidy van Kemenade

List of Publications by Year
in descending order

89 papers	5,028 citations	50170 46 h-index	91712 69 g-index
92 all docs	92 docs citations	92 times ranked	3633 citing authors

#	Article	IF	Citations
1	Increased Leptin Expression in Common Carp (Cyprinus carpio) after Food Intake But Not after Fasting or Feeding to Satiation. Endocrinology, 2006, 147, 5786-5797.	1.4	205
2	Interactions between the immune system and the hypothalamo-pituitary-interrenal axis in fish. Fish and Shellfish Immunology, 1999, 9, 1-20.	1.6	204
3	Structural characterisation of a cyprinid (Cyprinus carpio L.) CRH, CRH-BP and CRH-R1, and the role of these proteins in the acute stress response. Journal of Molecular Endocrinology, 2004, 32, 627-648.	1.1	160
4	The molecular evolution of the interleukin-1 family of cytokines; IL-18 in teleost fish. Developmental and Comparative Immunology, 2004, 28, 395-413.	1.0	153
5	Neuroendocrineâ€"immune interactions in fish: a role for interleukin-1. Veterinary Immunology and Immunopathology, 2002, 87, 467-479.	0.5	145
6	Evolution of glucocorticoid receptors with different glucocorticoid sensitivity. Journal of Endocrinology, 2006, 190, 17-28.	1.2	138
7	Differential expression of two interferon-Î³ genes in common carp (Cyprinus carpio L.). Developmental and Comparative Immunology, 2008, 32, 1467-1481.	1.0	117
8	CXC chemokines and leukocyte chemotaxis in common carp (Cyprinus carpio L.). Developmental and Comparative Immunology, 2003, 27, 875-888.	1.0	114
9	Regulation of interleukin 1 beta RNA expression in the common carp, Cyprinus carpio L.. Developmental and Comparative Immunology, 2001, 25, 195-203.	1.0	113
10	Molecular evolution of CXC chemokines: extant CXC chemokines originate from the CNS. Trends in Immunology, 2003, 24, 306-312.	2.9	108
11	CXCL8 Chemokines in Teleost Fish: Two Lineages with Distinct Expression Profiles during Early Phases of Inflammation. PLoS ONE, 2010, 5, e12384.	1.1	106
12	Cortisol inhibits apoptosis in carp neutrophilic granulocytes. Developmental and Comparative Immunology, 1998, 22, 563-572.	1.0	105
13	Cortisol induces apoptosis in activated B cells, not in other lymphoid cells of the common carp, Cyprinus carpio L.. Developmental and Comparative Immunology, 1998, 22, 551-562.	1.0	104
14	Daily handling stress reduces resistance of carp to Trypanoplasma borreli: in vitro modulatory effects of cortisol on leukocyte function and apoptosis. Developmental and Comparative Immunology, 2003, 27, 233-245.	1.0	103
15	Stress and innate immunity in carp: Corticosteroid receptors and pro-inflammatory cytokines. Molecular Immunology, 2008, 46, 70-79.	1.0	93
16	Common carp have two subclasses of bonyfish specific antibody IgZ showing differential expression in response to infection. Developmental and Comparative Immunology, 2010, 34, 1183-1190.	1.0	91
17	Functional analysis of carp interferon-Î³: Evolutionary conservation of classical phagocyte activation. Fish and Shellfish Immunology, 2010, 29, 793-802.	1.6	88
18	Three novel carp CXC chemokines are expressed early in ontogeny and at nonimmune sites. FEBS Journal, 2004, 271, 4094-4106.	0.2	86

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19	An NPY-like peptide may function as MSH-release inhibiting factor in Xenopus laevis. Peptides, 1987, 8, 61-67.	1.2	83
20	Carp macrophages and neutrophilic granulocytes secrete an interleukin-1-like factor. Developmental and Comparative Immunology, 1995, 19, 59-70.	1.0	82
21	Differential expression and haplotypic variation of two interleukin-1Î² genes in the common carp (Cyprinus carpio L.). Cytokine, 2003, 22, 21-32.	1.4	82
22	Central and peripheral interleukin-1Î² and interleukin-1 receptor I expression and their role in the acute stress response of common carp, Cyprinus carpio L.. Journal of Endocrinology, 2006, 191, 25-35.	1.2	79
23	Increased efficacy of immersion vaccination in fish with hyperosmotic pretreatment. Vaccine, 2003, 21, 4178-4193.	1.7	78
24	Assessment of TRH as a potential MSH release stimulating factor in Xenopus laevis. Peptides, 1987, 8, 69-76.	1.2	77
25	Neuroendocrine-immune interaction: Evolutionarily conserved mechanisms that maintain allostasis in an ever-changing environment. Developmental and Comparative Immunology, 2017, 66, 2-23.	1.0	77
26	Differential effects of cortisol on apoptosis and proliferation of carp B-lymphocytes from head kidney, spleen and blood. Fish and Shellfish Immunology, 1999, 9, 405-415.	1.6	74
27	Conservation of Apoptosis as an Immune Regulatory Mechanism: Effects of Cortisol and Cortisone on Carp Lymphocytes. Brain, Behavior, and Immunity, 1997, 11, 95-105.	2.0	73
28	Regulation of MSH release from the neurointermediate lobe of Xenopus laevis by CRF-like peptides. Peptides, 1987, 8, 1093-1100.	1.2	71
29	Characterisation of Glucocorticoid Receptors in Peripheral Blood Leukocytes of Carp,Cyprinus carpioL.. General and Comparative Endocrinology, 1998, 111, 1-8.	0.8	68
30	The presence of multiple and differentially regulated interleukin-12p40 genes in bony fishes signifies an expansion of the vertebrate heterodimeric cytokine family. Molecular Immunology, 2006, 43, 1519-1533.	1.0	67
31	Characteristics of Receptors for Dopamine in the Pars intermedia of the Amphibian <i>Xenopus laevis</i>. Neuroendocrinology, 1986, 44, 446-456.	1.2	66
32	Expression profiles of matrix metalloproteinase 9 in teleost fish provide evidence for its active role in initiation and resolution of inflammation. Immunology, 2008, 125, 601-610.	2.0	65
33	Multiple and highly divergent IL-11 genes in teleost fish. Immunogenetics, 2005, 57, 432-443.	1.2	64
34	The immunomodulatory role of the hypothalamus-pituitary-gonad axis: Proximate mechanism for reproduction-immune trade offs?. Developmental and Comparative Immunology, 2017, 66, 43-60.	1.0	63
35	Real-time gene expression analysis in carp (Cyprinus carpio L.) skin: Inflammatory responses to injury mimicking infection with ectoparasites. Developmental and Comparative Immunology, 2007, 31, 244-254.	1.0	62
36	Distribution of macrophages during fish development: an immunohistochemical study in carp () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.5	57

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37	Carp neutrophilic granulocytes form extracellular traps via ROS-dependent and independent pathways. Fish and Shellfish Immunology, 2013, 34, 1244-1252.	1.6	56
38	GABAergic Regulation of Melanocyte-Stimulating Hormone Secretion from the Pars Intermedia ofXenopus Laevis: Immunocytochemical and Physiological Evidence. Endocrinology, 1986, 118, 260-267.	1.4	55
39	Pro-inflammatory functions of carp CXCL8-like and CXCb chemokines. Developmental and Comparative Immunology, 2012, 36, 741-750.	1.0	54
40	In vivo kinetics of cytokine expression during peritonitis in carp: Evidence for innate and alternative macrophage polarization. Developmental and Comparative Immunology, 2008, 32, 509-518.	1.0	53
41	A common carp (Cyprinus carpioL.) leucocyte cell line shares morphological and functional characteristics with macrophages. Fish and Shellfish Immunology, 1997, 7, 123-133.	1.6	52
42	The immune response differentially regulates Hsp70 and glucocorticoid receptor expression in vitro and in vivo in common carp (Cyprinus carpio L.). Fish and Shellfish Immunology, 2009, 27, 9-16.	1.6	52
43	Neuroendocrineâ€“immune interaction in fish: Differential regulation of phagocyte activity by neuroendocrine factors. General and Comparative Endocrinology, 2011, 172, 31-38.	0.8	52
44	Novel immunoglobulin-like transcripts in teleost fish encode polymorphic receptors with cytoplasmic ITAM or ITIM and a new structural Ig domain similar to the natural cytotoxicity receptor NKp44. Immunogenetics, 2005, 57, 77-89.	1.2	49
45	Trypanosomiasis-Induced Th17-Like Immune Responses in Carp. PLoS ONE, 2010, 5, e13012.	1.1	48
46	The first appearance of Rodlet cells in carp (Cyprinus carpio L.) ontogeny and their possible roles during stress and parasite infection. Fish and Shellfish Immunology, 2007, 22, 27-37.	1.6	47
47	Morphine affects the inflammatory response in carp by impairment of leukocyte migration. Developmental and Comparative Immunology, 2009, 33, 88-96.	1.0	44
48	Calcium homeostasis and low-frequency magnetic and electric field exposure: A systematic review and meta-analysis of in vitro studies. Environment International, 2016, 92-93, 695-706.	4.8	43
49	Regulation of biosynthesis and release of pars intermedia peptides in Rana ridibunda: Dopamine affects both acetylation and release of Î±-MSH. Peptides, 1985, 6, 913-921.	1.2	42
50	Characterisation of immunoglobulin-binding leucocytes in carp (Cyprinus carpio L.). Developmental and Comparative Immunology, 1994, 18, 45-56.	1.0	42
51	Estrogen-dependent seasonal adaptations in the immune response of fish. Hormones and Behavior, 2017, 88, 15-24.	1.0	40
52	Production of inflammatory mediators and extracellular traps by carp macrophages and neutrophils in response to lipopolysaccharide and/or interferon-Î³2. Fish and Shellfish Immunology, 2015, 42, 473-482.	1.6	39
53	Regulation of melanotropin release from the pars intermedia of the amphibian Xenopus laevis: Evaluation of the involvement of serotonergic, cholinergic, or adrenergic receptor mechanisms. General and Comparative Endocrinology, 1986, 63, 471-480.	0.8	38
54	Corticotropin-releasing hormone-receptor 1 (CRH-R1) and CRH-binding protein (CRH-BP) are expressed in the gills and skin of common carp Cyprinus carpio L. and respond to acute stress and infection. Journal of Experimental Biology, 2006, 209, 510-517.	0.8	37

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55	Cloning of opioid receptors in common carp (Cyprinus carpio L.) and their involvement in regulation of stress and immune response. Brain, Behavior, and Immunity, 2009, 23, 257-266.	2.0	35
56	Neuroendocrineâ€“immune interaction: Regulation of inflammation via G-protein coupled receptors. General and Comparative Endocrinology, 2013, 188, 94-101.	0.8	34
57	Characterization of Î³-Aminobutyric Acid Receptors in the Neurointermediate Lobe of the Amphibian Xenopus Laevis*. Endocrinology, 1987, 120, 622-628.	1.4	33
58	Adrenergic regulation of the innate immune response in common carp (Cyprinus carpio L.). Developmental and Comparative Immunology, 2012, 36, 306-316.	1.0	33
59	FinTRIMs, fish virus-inducible proteins with E3 ubiquitin ligase activity. Developmental and Comparative Immunology, 2012, 36, 433-441.	1.0	33
60	A role for multiple estrogen receptors in immune regulation of common carp. Developmental and Comparative Immunology, 2017, 66, 61-72.	1.0	32
61	The development of the pars intermedia and its role in the regulation of dermal melanophores in the larvae of the amphibian Xenopus laevis. General and Comparative Endocrinology, 1984, 55, 54-65.	0.8	30
62	N-Terminal Acetylation of Melanophore-Stimulating Hormone in the Pars intermedia of <i>Xenopus laevis </i>Is a Physiologically Regulated Process. Neuroendocrinology, 1987, 46, 289-296.	1.2	29
63	Activity of the hypothalamusâ€“pituitaryâ€“interrenal axis (HPI axis) and immune response in carp lines with different susceptibility to disease. Fish Physiology and Biochemistry, 2015, 41, 1261-1278.	0.9	28
64	Characterisation of a monoclonal antibody to carp IL-1Î² and the development of a sensitive capture ELISA. Fish and Shellfish Immunology, 2002, 13, 85-95.	1.6	23
65	A role for melatonin in maintaining the pro- and anti-inflammatory balance by influencing leukocyte migration and apoptosis in carp. Developmental and Comparative Immunology, 2015, 53, 179-190.	1.0	23
66	Corticotropin-releasing factor (CRF) and CRF-binding protein expression in and release from the head kidney of common carp: evolutionary conservation of the adrenal CRF system. Journal of Endocrinology, 2007, 193, 349-357.	1.2	22
67	Characterization and expression analysis of an interferon-Î³2 induced chemokine receptor CXCR3 in common carp (Cyprinus carpio L.). Developmental and Comparative Immunology, 2014, 47, 68-76.	1.0	21
68	Low-Frequency Electromagnetic Field Exposure Enhances Extracellular Trap Formation by Human Neutrophils through the NADPH Pathway. Journal of Innate Immunity, 2015, 7, 459-465.	1.8	20
69	Effects of stress and cortisol on the polarization of carp macrophages. Fish and Shellfish Immunology, 2019, 94, 27-37.	1.6	20
70	Extremely low frequency electromagnetic field exposure does not modulate toll-like receptor signaling in human peripheral blood mononuclear cells. Cytokine, 2011, 54, 43-50.	1.4	19
71	Diversification of IFNÎ³-inducible CXCb chemokines in cyprinid fish. Developmental and Comparative Immunology, 2012, 38, 243-253.	1.0	19
72	Lowâ€ƒfrequency electromagnetic fields do not alter responses of inflammatory genes and proteins in human monocytes and immune cell lines. Bioelectromagnetics, 2012, 33, 226-237.	0.9	19

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73	Multiple regulation of carp (Cyprinus carpio L.) macrophages and neutrophilic granulocytes by serum factors: influence of infection with atypical Aeromonas salmonicida. Veterinary Immunology and Immunopathology, 1996, 51, 189-200.	0.5	17
74	Neuroendocrine modulation of the inflammatory response in common carp: Adrenaline regulates leukocyte profile and activity. General and Comparative Endocrinology, 2013, 188, 102-109.	0.8	17
75	Effect of tunicamycin on biosynthesis, processing and release of proopiomelanocortin-derived peptides in the intermediate lobe of the frog Rana ridibunda. Peptides, 1986, 7, 163-169.	1.2	16
76	III. Regulation of cyclic-AMP synthesis in amphibian melanotrope cells through catecholamine and GABA receptors. Life Sciences, 1987, 40, 1859-1867.	2.0	15
77	Mechanisms involved in apoptosis of carp leukocytes upon inÂvitro and inÂvivo immunostimulation. Fish and Shellfish Immunology, 2014, 39, 386-395.	1.6	14
78	A shortâ€term extremely low frequency electromagnetic field exposure increases circulating leukocyte numbers and affects HPAâ€axis signaling in mice. Bioelectromagnetics, 2016, 37, 433-443.	0.9	14
79	Chemokine CXCb1 stimulates formation of NETs in trunk kidney neutrophils of common carp. Developmental and Comparative Immunology, 2020, 103, 103521.	1.0	13
80	Regulation of the Stress Response in Early Vertebrates. Annals of the New York Academy of Sciences, 2005, 1040, 345-347.	1.8	12
81	Function of the Opioid System during Inflammation in Carp. Annals of the New York Academy of Sciences, 2009, 1163, 528-532.	1.8	12
82	Calcium signalling in human neutrophil cell lines is not affected by lowâ€frequency electromagnetic fields. Bioelectromagnetics, 2015, 36, 430-443.	0.9	11
83	A role for CXC chemokines and their receptors in stress axis regulation of common carp. General and Comparative Endocrinology, 2019, 280, 194-199.	0.8	10
84	Cortisol Metabolism in Carp Macrophages: A Role for Macrophage-Derived Cortisol in M1/M2 Polarization. International Journal of Molecular Sciences, 2020, 21, 8954.	1.8	10
85	Stress differentially affects the systemic and leukocyte estrogen network in common carp. Fish and Shellfish Immunology, 2017, 68, 190-201.	1.6	9
86	17Î±-ethinylestradiol and 4-tert-octylphenol concurrently disrupt the immune response of common carp. Fish and Shellfish Immunology, 2020, 107, 238-250.	1.6	9
87	17Î²-Estradiol affects the innate immune response in common carp. Fish Physiology and Biochemistry, 2020, 46, 1775-1794.	0.9	8
88	Stress-induced adaptation of neutrophilic granulocyte activity in K and R3 carp lines. Fish and Shellfish Immunology, 2015, 47, 886-892.	1.6	3
89	Effects of antibacterial drugs on European eal (Anguilla anguilla L., 1758) peripheral leucocytes. Comparative Haematology International, 1995, 5, 268-272.	0.5	1