

Luiz Carlos Kreutz

List of Publications by Year in descending order

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94
papers

2,460
citations

186265

28
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233421

45
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95
docs citations

95
times ranked

2673
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-body cortisol increases after direct and visual contact with a predator in zebrafish, <i>Danio rerio</i> . <i>Aquaculture</i> , 2007, 272, 774-778.	3.5	176
2	Hematological changes in jundiá (Rhamdia quelen Quoy and Gaimard Pimelodidae) after acute and chronic stress caused by usual aquacultural management, with emphasis on immunosuppressive effects. <i>Aquaculture</i> , 2004, 237, 229-236.	3.5	133
3	Altered hematological and immunological parameters in silver catfish (<i>Rhamdia quelen</i>) following short term exposure to sublethal concentration of glyphosate. <i>Fish and Shellfish Immunology</i> , 2011, 30, 51-57.	3.6	106
4	Porcine reproductive and respiratory syndrome virus enters cells through a low pH-dependent endocytic pathway. <i>Virus Research</i> , 1996, 42, 137-147.	2.2	91
5	Assessment of oxidative stress in <i>Rhamdia quelen</i> exposed to agrichemicals. <i>Chemosphere</i> , 2010, 79, 914-921.	8.2	90
6	Nursery rearing of jundiá, <i>Rhamdia quelen</i> (Quoy & Gaimard) in cages: cage type, stocking density and stress response to confinement. <i>Aquaculture</i> , 2004, 232, 383-394.	3.5	89
7	Chronic exposure to sub-lethal concentration of a glyphosate-based herbicide alters hormone profiles and affects reproduction of female Jundiá (<i>Rhamdia quelen</i>). <i>Environmental Toxicology and Pharmacology</i> , 2007, 23, 308-313.	4.0	79
8	Influence of color background and shelter availability on jundiá (<i>Rhamdia quelen</i>) stress response. <i>Aquaculture</i> , 2009, 288, 51-56.	3.5	77
9	Haematological and biochemical characteristics of male jundiá (<i>Rhamdia quelen</i> Quoy & Gaimard) Tj ETQq1 1 0.784314 rgBT ₇₅ /Overlo	1.8	75
10	Exposure to sublethal concentration of glyphosate or atrazine-based herbicides alters the phagocytic function and increases the susceptibility of silver catfish fingerlings (<i>Rhamdia quelen</i>) to <i>Aeromonas hydrophila</i> challenge. <i>Fish and Shellfish Immunology</i> , 2010, 29, 694-697.	3.6	67
11	Assessment of oxidative stress and metabolic changes in common carp (<i>Cyprinus carpio</i>) acutely exposed to different concentrations of the fungicide tebuconazole. <i>Chemosphere</i> , 2011, 83, 579-584.	8.2	57
12	Alcohol Impairs Predation Risk Response and Communication in Zebrafish. <i>PLoS ONE</i> , 2013, 8, e75780.	2.5	57
13	Acute toxicity test of agricultural pesticides on silver catfish (<i>Rhamdia quelen</i>) fingerlings. <i>Ciencia Rural</i> , 2008, 38, 1050-1055.	0.5	56
14	Previous chronic stress does not alter the cortisol response to an additional acute stressor in jundiá (<i>Rhamdia quelen</i> , Quoy and Gaimard) fingerlings. <i>Aquaculture</i> , 2006, 253, 317-321.	3.5	52
15	Characterization of sickness behavior in zebrafish. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 596-602.	4.1	50
16	Phenotypic and genotypic variation of feline calicivirus during persistent infection of cats. <i>Veterinary Microbiology</i> , 1998, 59, 229-236.	1.9	47
17	Clinical, pathological and antigenic aspects of bovine viral diarrhea virus (BVDV) type 2 isolates identified in Brazil. <i>Veterinary Microbiology</i> , 2000, 77, 175-183.	1.9	44
18	Isolation of Bovine Herpesvirus 1 from Preputial Swabs and Semen of Bulls with Balanoposthitis. <i>Journal of Veterinary Diagnostic Investigation</i> , 1992, 4, 341-343.	1.1	42

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19	Embryonic and larval development of Jundiá (Rhamdia quelen, Quoy & Gaimard, 1824, Pisces). <i>Tj ETQq1</i> 1 0.784314 rgBT /Overl	0.9	40
20	Divergent time course of cortisol response to stress in fish of different ages. <i>Physiology and Behavior</i> , 2012, 106, 129-132.	2.1	39
21	The use of eugenol against <i>Aeromonas hydrophila</i> and its effect on hematological and immunological parameters in silver catfish (<i>Rhamdia quelen</i>). <i>Veterinary Immunology and Immunopathology</i> , 2014, 157, 142-148.	1.2	37
22	First description of behavior and immune system relationship in fish. <i>Scientific Reports</i> , 2018, 8, 846.	3.3	35
23	The effects of auditory enrichment on zebrafish behavior and physiology. <i>PeerJ</i> , 2018, 6, e5162.	2.0	34
24	Cellular membrane factors are the major determinants of porcine reproductive and respiratory syndrome virus tropism. <i>Virus Research</i> , 1998, 53, 121-128.	2.2	32
25	Can zebrafish (<i>Danio rerio</i>) learn about predation risk? The effect of a previous experience on the cortisol response in subsequent encounters with a predator. <i>Journal of Fish Biology</i> , 2010, 76, 1032-1038.	1.6	32
26	Alternative species for traditional carp polyculture in southern South America: Initial growing period. <i>Aquaculture</i> , 2006, 255, 417-428.	3.5	31
27	Agrichemicals chronically inhibit the cortisol response to stress in fish. <i>Chemosphere</i> , 2014, 112, 85-91.	8.2	31
28	Cortisol response to acute stress in jundiá (<i>Rhamdia quelen</i>) acutely exposed to sub-lethal concentrations of agrichemicals. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008, 148, 281-286.	2.6	30
29	Innate immune response of silver catfish (<i>Rhamdia quelen</i>) exposed to atrazine. <i>Fish and Shellfish Immunology</i> , 2012, 33, 1055-1059.	3.6	30
30	Phenotypic and molecular characterization of bovine <i>Campylobacter fetus</i> strains isolated in Brazil. <i>Veterinary Microbiology</i> , 2003, 93, 121-132.	1.9	29
31	Swine and ruminant pestiviruses require the same cellular factor to enter bovine cells. <i>Journal of General Virology</i> , 1996, 77, 1295-1303.	2.9	28
32	Responsiveness of the interrenal tissue of Jundiá (<i>Rhamdia quelen</i>) to an in vivo ACTH test following acute exposure to sublethal concentrations of agrichemicals. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 149, 363-367.	2.6	28
33	Bovine leukemia virus DNA associated with breast cancer in women from South Brazil. <i>Scientific Reports</i> , 2019, 9, 2949.	3.3	27
34	Early interaction of feline calicivirus with cells in culture. <i>Archives of Virology</i> , 1994, 136, 19-34.	2.1	24
35	In house ELISA based on recombinant ORF2 protein underline high prevalence of IgG anti-hepatitis E virus amongst blood donors in south Brazil. <i>PLoS ONE</i> , 2017, 12, e0176409.	2.5	22
36	Prevalência de tuberculose, brucelose e infecções véricas em bovinos leiteiros do município de Passo Fundo, RS. <i>Ciencia Rural</i> , 2004, 34, 595-598.	0.5	21

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37	Identification, occurrence and clinical findings of canine hemoplasmas in southern Brazil. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2014, 37, 259-265.	1.6	21
38	In Vitro Inactivation of Herpes Virus by Ozone. <i>Ozone: Science and Engineering</i> , 2014, 36, 249-252.	2.5	19
39	Immunomodulatory effects of dietary β -glucan in silver catfish (<i>Rhamdia quelen</i>). <i>Pesquisa Veterinaria Brasileira</i> , 2017, 37, 73-78.	0.5	19
40	The Effects of Stressful Broodstock Handling on Hormonal Profiles and Reproductive Performance of <i>Rhamdia quelen</i> (Quoy & Gaimard) Females. <i>Journal of the World Aquaculture Society</i> , 2008, 39, 835-841.	2.4	18
41	Fish age, instead of weight and size, as a determining factor for time course differences in cortisol response to stress. <i>Physiology and Behavior</i> , 2012, 107, 397-400.	2.1	18
42	Reference values for chinchilla (<i>Chinchilla laniger</i>) blood cells and serum biochemical parameters. <i>Ciencia Rural</i> , 2005, 35, 602-606.	0.5	17
43	New insights about functional and cross-reactive properties of antibodies generated against recombinant TbpBs of <i>Haemophilus parasuis</i> . <i>Scientific Reports</i> , 2017, 7, 10377.	3.3	17
44	The amino acid selected for generating mutant TbpB antigens defective in binding transferrin can compromise the in vivo protective capacity. <i>Scientific Reports</i> , 2018, 8, 7372.	3.3	17
45	Molecular serotyping of clinical strains of <i>Haemophilus (Glaesserella) parasuis</i> brings new insights regarding Glaesserella's disease outbreaks in Brazil. <i>PeerJ</i> , 2019, 7, e6817.	2.0	17
46	Differences in <i>Haemophilus parasuis</i> adherence to and invasion of AOC-45 porcine aorta endothelial cells. <i>BMC Veterinary Research</i> , 2013, 9, 207.	1.9	16
47	Bee Products Prevent Agrichemical-Induced Oxidative Damage in Fish. <i>PLoS ONE</i> , 2013, 8, e74499.	2.5	15
48	Isolation of caliciviruses from skunks that are antigenically and genotypically related to San Miguel sea lion virus. <i>Virus Research</i> , 1995, 37, 1-12.	2.2	14
49	Isolation of <i>Prothoteca zopfii</i> from a case of bovine mastitis in Brazil. <i>Mycopathologia</i> , 1998, 142, 135-137.	3.1	14
50	β -Glucan improves wound healing in silver catfish (<i>Rhamdia quelen</i>). <i>Fish and Shellfish Immunology</i> , 2019, 93, 575-579.	3.6	14
51	The pathway of feline calicivirus entry. <i>Virus Research</i> , 1995, 35, 63-70.	2.2	13
52	Baculovirus expression and immunological detection of the major structural proteins of porcine reproductive and respiratory syndrome virus. <i>Veterinary Microbiology</i> , 1997, 59, 1-13.	1.9	13
53	Prevalência de anticorpos contra os vírus da influenza, da arterite viral e herpesvírus em eqüinos do Estado do Rio Grande do Sul, Brasil. <i>Ciencia Rural</i> , 2006, 36, 1467-1473.	0.5	13
54	Antioxidant activity of bee products added to water in tebuconazole-exposed fish. <i>Neotropical Ichthyology</i> , 2012, 10, 215-220.	1.0	13

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55	Inactivated Parapoxvirus ovis induces a transient increase in the expression of proinflammatory, Th1-related, and autoregulatory cytokines in mice. <i>Brazilian Journal of Medical and Biological Research</i> , 2014, 47, 110-118.	1.5	13
56	The color of illumination affects the stress response of jundiá (Rhamdia quelen, Quoy & Gaimard,) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	0.5	13
57	Production and characterization of monoclonal antibodies to Brazilian isolates of bovine viral diarrhea virus. <i>Brazilian Journal of Medical and Biological Research</i> , 2000, 33, 1459-1466.	1.5	12
58	Introduction of jundiá Rhamdia quelen (Quoy & Gaimard) and Nile tilapia Oreochromis niloticus (Linnaeus) increases the productivity of carp polyculture in southern Brazil. <i>Aquaculture Research</i> , 2008, 39, 542-551.	1.8	12
59	Reduced expression of selective immune-related genes in silver catfish (Rhamdia quelen) monocytes exposed to atrazine. <i>Fish and Shellfish Immunology</i> , 2017, 64, 78-83.	3.6	12
60	Effect of dietary supplementation with citral-loaded nanostructured systems on innate immune responses and gut microbiota of silver catfish (Rhamdia quelen). <i>Journal of Functional Foods</i> , 2019, 60, 103454.	3.4	12
61	New Pathological Lesions Developed in Pigs by a "Non-virulent" Strain of Glaesserella parasuis. <i>Frontiers in Veterinary Science</i> , 2020, 7, 98.	2.2	12
62	Increased immunoglobulin production in silver catfish (Rhamdia quelen) exposed to agrichemicals. <i>Brazilian Journal of Medical and Biological Research</i> , 2014, 47, 499-504.	1.5	11
63	Backyard pigs are a reservoir of zoonotic hepatitis E virus in southern Brazil. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2018, 112, 14-21.	1.8	11
64	Characterization of an IgM-like immunoglobulin from silver catfish (Rhamdia quelen) serum and its use for the production of polyclonal antibodies and development of immunoassays. <i>Pesquisa Veterinaria Brasileira</i> , 2016, 36, 819-825.	0.5	10
65	Campylobacter fetus subspecies venerealis Surface Array Protein from Bovine Isolates in Brazil. <i>Current Microbiology</i> , 2002, 45, 111-114.	2.2	9
66	Diagnóstico e estudo sorológico da infecção pelo parvovírus canino em cães de Passo Fundo, Rio Grande do Sul, Brasil. <i>Ciencia Rural</i> , 2008, 38, 400-405.	0.5	9
67	Atividade de três drogas antivirais sobre os herpesvírus bovino tipos 1, 2 e 5 em cultivo celular. <i>Pesquisa Veterinaria Brasileira</i> , 2010, 30, 855-860.	0.5	9
68	Repeated stressors do not provoke habituation or accumulation of the stress response in the catfish Rhamdia quelen. <i>Neotropical Ichthyology</i> , 2013, 11, 453-457.	1.0	8
69	Development of an indirect ELISA based on recombinant capsid protein to detect antibodies to bovine leukemia virus. <i>Brazilian Journal of Microbiology</i> , 2018, 49, 68-75.	2.0	8
70	Production and characterization of a Brazilian candidate antigen for Hepatitis E Virus genotype 3 diagnosis. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw021.	1.8	7
71	Citral as a dietary additive for Centropomus undecimalis juveniles: Redox, immune innate profiles, liver enzymes and histopathology. <i>Aquaculture</i> , 2019, 501, 14-21.	3.5	7
72	Comparative Analysis of Different Fish Polyculture Systems. <i>Journal of the World Aquaculture Society</i> , 2012, 43, 778-789.	2.4	6

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73	Antibody response in silver catfish (<i>Rhamdia quelen</i>) immunized with a model antigen associated with different adjuvants. <i>Brazilian Journal of Medical and Biological Research</i> , 2016, 49, .	1.5	6
74	Patterns of the innate immune response in tambaqui <i>Colossoma macropomum</i> : Modulation of gene expression in haemorrhagic septicaemia caused by <i>Aeromonas hydrophila</i> . <i>Microbial Pathogenesis</i> , 2021, 150, 104638.	2.9	6
75	Bovine leukemia viral DNA found on human breast tissue is genetically related to the cattle virus. <i>One Health</i> , 2021, 13, 100252.	3.4	6
76	Impairment of Cortisol Response to Stress in Zebrafish Acutely Exposed to Methyl-parathion. <i>Journal of Environmental Science and Technology</i> , 2012, 6, 57-62.	0.3	6
77	Oligodeoxynucleotides CpGs increase silver catfish (<i>Rhamdia quelen</i>) resistance to <i>Aeromonas hydrophila</i> challenge. <i>Aquaculture</i> , 2017, 473, 278-282.	3.5	5
78	Antimicrobial susceptibility patterns of Brazilian <i>Haemophilus parasuis</i> field isolates. <i>Pesquisa Veterinaria Brasileira</i> , 2017, 37, 1187-1192.	0.5	5
79	Unusual high prevalence of antibodies to hepatitis E virus in South Brazil. <i>FEMS Microbiology Letters</i> , 2021, 368, .	1.8	4
80	Effects of inactivated parapoxvirus ovis on cellular and humoral events of the innate immune response in mice. <i>Cellular Immunology</i> , 2014, 289, 36-41.	3.0	2
81	Tildipirosin: An effective antibiotic against <i>Glaesserella parasuis</i> from an in vitro analysis. <i>Veterinary and Animal Science</i> , 2020, 10, 100136.	1.5	2
82	T�cnica r�pida de neutraliza�o viral para a detec�o de anticorpos contra o v�rus da Diarr�ia Viral Bovina (BVDV) no leite. <i>Pesquisa Veterinaria Brasileira</i> , 2002, 22, 45-50.	0.5	2
83	TbpBY167A-Based Vaccine Can Protect Pigs against <i>Glaesserella parasuis</i> SV7 Expressing TbpB Cluster I. <i>Pathogens</i> , 2022, 11, 766.	2.8	2
84	Aus�ncia de anticorpos contra o v�rus da s�ndrome da cabe�a inchada em frangos de corte no Planalto M�dio do Rio Grande do Sul, Brasil. <i>Ciencia Rural</i> , 2004, 34, 285-287.	0.5	1
85	Inactivated Parapoxvirus ovis as inducer of immunity in silver catfish (<i>Rhamdia quelen</i>). <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 1451-1457.	0.8	1
86	Altered indirect hemagglutination method for easy serotyping of <i>Haemophilus parasuis</i> . <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2017, 69, 15-21.	0.4	1
87	Synthetic gene as target to assess the sensitivity of PCR to detect <i>Trichinella</i> spp. larvae in meat from a non-endemic region. <i>Tropical Animal Health and Production</i> , 2020, 52, 619-623.	1.4	1
88	DETERMINA�O DOS N�VEIS S�RICOS DE PROTE�NA C-REATIVA (CRP) EM C�ES COM ALTERA�ES DOS PAR�METROS HEMATOL�GICOS. <i>Ciencia Animal Brasileira</i> , 2013, 14, .	0.3	1
89	Modulation of expression of proinflammatory genes and humoral immune response following immunization or infection with <i>Aeromonas hydrophila</i> in silver catfish (<i>Rhamdia quelen</i>). <i>Fish and Shellfish Immunology Reports</i> , 2022, 3, 100053.	1.2	1
90	S�ndrome reprodutiva e respirat�ria dos su�os: uma breve revis�o. <i>Ciencia Rural</i> , 1998, 28, 179-186.	0.5	0

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91	Flow cytometry early predicts bacterial susceptibility to antibiotics. Revista Eletrônica Acervo Saúde, 2021, 13, e5302.	0.1	0
92	Orally administered β -glucan improves the hemolytic activity of the complement system in horses. Veterinary World, 2021, 14, 835-840.	1.7	0
93	AVALIAÇÃO DOS MEIOS PBS E WHITTEN NO CULTIVO DE MORULAS DE <i>Mus musculus</i> . Ciencia Rural, 1991, 21, 249-255.	0.5	0
94	Fármacos com potencial terapêutico para tratamento da COVID-19 / Drugs with therapeutic potential for COVID-19 treatment. Brazilian Journal of Health Review, 2020, 3, 17324-17343.	0.1	0