

Vinicius Farias Campos

List of Publications by Year
in descending order

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87
papers

1,250
citations

394421
19
h-index

434195
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88
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88
docs citations

88
times ranked

2328
citing authors

#	ARTICLE	IF	CITATIONS
1	New Organochalcogen Multitarget Drug: Synthesis and Antioxidant and Antitumoral Activities of Chalcogenozidovudine Derivatives. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 3329-3339.	6.4	107
2	Genistein induces apoptosis and autophagy in human breast MCF-7 cells by modulating the expression of proapoptotic factors and oxidative stress enzymes. <i>Molecular and Cellular Biochemistry</i> , 2014, 390, 235-242.	3.1	89
3	Fishing Into the MicroRNA Transcriptome. <i>Frontiers in Genetics</i> , 2018, 9, 88.	2.3	54
4	Brazilian Red Propolis Induces Apoptosis-Like Cell Death and Decreases Migration Potential in Bladder Cancer Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-13.	1.2	52
5	Substituted diaryl diselenides: Cytotoxic and apoptotic effect in human colon adenocarcinoma cells. <i>Life Sciences</i> , 2012, 91, 345-352.	4.3	48
6	NanoSMGT: Transgene transmission into bovine embryos using halloysite clay nanotubes or nanopolymer to improve transfection efficiency. <i>Theriogenology</i> , 2011, 76, 1552-1560.	2.1	45
7	Melatonin delivery by nanocapsules during in vitro bovine oocyte maturation decreased the reactive oxygen species of oocytes and embryos. <i>Reproductive Toxicology</i> , 2016, 63, 70-81.	2.9	45
8	Cytotoxic and apoptotic effects of chalcone derivatives of 2-acetyl thiophene on human colon adenocarcinoma cells. <i>Cell Biochemistry and Function</i> , 2013, 31, 289-297.	2.9	41
9	Identification, tissue distribution and evaluation of brain neuropeptide Y gene expression in the Brazilian flounder <i>Paralichthys orbignyanus</i> . <i>Journal of Biosciences</i> , 2010, 35, 405-413.	1.1	36
10	Transgene transmission in chickens by sperm-mediated gene transfer after seminal plasma removal and exogenous DNA treated with dimethylsulfoxide or N,N-dimethylacetamide. <i>Journal of Biosciences</i> , 2011, 36, 613-620.	1.1	34
11	Cryopreservation of Brazilian flounder (<i>Paralichthys orbignyanus</i>) sperm. <i>Aquaculture</i> , 2008, 275, 361-365.	3.5	33
12	NanoSMGT: transfection of exogenous DNA on sex-sorted bovine sperm using nanopolymer. <i>Theriogenology</i> , 2011, 75, 1476-1481.	2.1	32
13	Auxotrophic recombinant <i>Mycobacterium bovis</i> BCG overexpressing Ag85B enhances cytotoxicity on superficial bladder cancer cells in vitro. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 1543-1552.	3.6	30
14	Encapsulation in lipid-core nanocapsules overcomes lung cancer cell resistance to tretinoin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 55-63.	4.3	28
15	Equine fetal sex determination using circulating cell-free fetal DNA (ccffDNA). <i>Theriogenology</i> , 2012, 77, 694-698.	2.1	27
16	Effects of Two Types of Melatonin-Loaded Nanocapsules with Distinct Supramolecular Structures: Polymeric (NC) and Lipid-Core Nanocapsules (LNC) on Bovine Embryo Culture Model. <i>PLoS ONE</i> , 2016, 11, e0157561.	2.5	24
17	Transgene transmission in South American catfish (<i>Rhamdia quelen</i>) larvae by sperm-mediated gene transfer. <i>Journal of Biosciences</i> , 2010, 35, 39-47.	1.1	23
18	Cryopreservation of immature equine oocytes, comparing a solid surface vitrification process with open pulled straws and the use of a synthetic ice blocker. <i>Theriogenology</i> , 2012, 77, 21-27.	2.1	21

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19	Effects of chitosan-coated lipid-core nanocapsules on bovine sperm cells. <i>Toxicology in Vitro</i> , 2017, 40, 214-222.	2.4	19
20	Neuropeptide Y gene expression around meal time in the Brazilian flounder <i>Paralichthys orbignyanus</i> . <i>Journal of Biosciences</i> , 2012, 37, 227-232.	1.1	18
21	Whole-genome sequencing of <i>Leptospira interrogans</i> from southern Brazil: genetic features of a highly virulent strain. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2018, 113, 80-86.	1.6	18
22	7-Chloro-4-(Phenylselanyl) Quinoline with Memory Enhancer Action in Aging Rats: Modulation of Neuroplasticity, Acetylcholinesterase Activity, and Cholesterol Levels. <i>Molecular Neurobiology</i> , 2019, 56, 6398-6408.	4.0	18
23	Methotrexate diethyl ester-loaded lipid-core nanocapsules in aqueous solution increased antineoplastic effects in resistant breast cancer cell line. <i>International Journal of Nanomedicine</i> , 2014, 9, 1583.	6.7	16
24	Tretinoin-loaded lipid-core nanocapsules decrease reactive oxygen species levels and improve bovine embryonic development during in vitro oocyte maturation. <i>Reproductive Toxicology</i> , 2015, 58, 131-139.	2.9	16
25	Draft genome of the <i>Leptospira interrogans</i> strains, Acegua, RCA, Prea, and Capivara, obtained from wildlife maintenance hosts and infected domestic animals. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2016, 111, 280-283.	1.6	15
26	Revitalizing the AZT Through of the Selenium: An Approach in Human Triple Negative Breast Cancer Cell Line. <i>Frontiers in Oncology</i> , 2018, 8, 525.	2.8	14
27	Exogenous DNA uptake by South American catfish (<i>Rhamdia quelen</i>) spermatozoa after seminal plasma removal. <i>Animal Reproduction Science</i> , 2011, 126, 136-141.	1.5	13
28	Evaluation of Reference Genes to Analyze Gene Expression in Silverside <i>Odontesthes humensis</i> Under Different Environmental Conditions. <i>Frontiers in Genetics</i> , 2018, 9, 75.	2.3	13
29	Advances in the Understanding of Oxaliplatin-Induced Peripheral Neuropathy in Mice: 7-Chloro-4-(Phenylselanyl) Quinoline as a Promising Therapeutic Agent. <i>Molecular Neurobiology</i> , 2020, 57, 5219-5234.	4.0	13
30	Evaluation of qPCR reference genes in GH-overexpressing transgenic zebrafish (<i>Danio rerio</i>). <i>Scientific Reports</i> , 2020, 10, 12692.	3.3	12
31	Effect of a purine derivative containing selenium to improve memory decline and anxiety through modulation of the cholinergic system and Na ⁺ /K ⁺ -ATPase in an Alzheimer's disease model. <i>Metabolic Brain Disease</i> , 2021, 36, 871-888.	2.9	12
32	Understanding the Modus Operandi of MicroRNA Regulatory Clusters. <i>Cells</i> , 2019, 8, 1103.	4.1	11
33	Roundup® Herbicide Decreases Quality Parameters of Spermatozoa of Silversides <i>Odontesthes Humensis</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 1-6.	2.7	11
34	Curcumin-loaded lipid-core nanocapsules attenuates the immune challenge LPS-induced in rats: Neuroinflammatory and behavioral response in sickness behavior. <i>Journal of Neuroimmunology</i> , 2020, 345, 577270.	2.3	11
35	Expression of apoptotic genes in immature and in vitro matured equine oocytes and cumulus cells. <i>Zygote</i> , 2013, 21, 279-285.	1.1	10
36	Heterologous expression and characterization of a new galactose-binding lectin from <i>Bauhinia forficata</i> with antiproliferative activity. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 877-884.	7.5	10

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37	Campylobacter jejuni isolated from poultry meat in Brazil: in silico analysis and genomic features of two strains with different phenotypes of antimicrobial susceptibility. Molecular Biology Reports, 2020, 47, 671-681.	2.3	10
38	The anxiolytic effect of a promising quinoline containing selenium with the contribution of the serotonergic and GABAergic pathways: Modulation of parameters associated with anxiety in mice. Behavioural Brain Research, 2020, 393, 112797.	2.2	10
39	Three challenging cases of infections by multidrug-resistant Serratia marcescens in patients admitted to intensive care units. Brazilian Journal of Microbiology, 2021, 52, 1341-1345.	2.0	10
40	MicroRNA roles and their potential use as selection tool to cold tolerance of domesticated teleostean species: A systematic review. Aquaculture, 2021, 540, 736747.	3.5	10
41	Investigating the Effect of Inosine on Brain Purinergic Receptors and Neurotrophic and Neuroinflammatory Parameters in an Experimental Model of Alzheimer's Disease. Molecular Neurobiology, 2022, 59, 841-855.	4.0	10
42	Odontoblast RNA stability in different temperature-based protocols for tooth storage. International Endodontic Journal, 2012, 45, 266-272.	5.0	9
43	Complete genome sequence of native Bacillus cereus strains isolated from intestinal tract of the crab Ucides sp.. Data in Brief, 2018, 16, 381-385.	1.0	9
44	Prospecting for a quinoline containing selenium for comorbidities depression and memory impairment induced by restriction stress in mice. Psychopharmacology, 2022, 239, 59-81.	3.1	9
45	Flow cytometric sex sorting affects CD4 membrane distribution and binding of exogenous DNA on bovine sperm cells. Zygote, 2017, 25, 519-528.	1.1	8
46	Gene and Blood Analysis Reveal That Transfer from Brackish Water to Freshwater Is More Stressful to the Silverside Odontesthes humensis. Frontiers in Genetics, 2018, 9, 28.	2.3	8
47	Acute exposition to Roundup Transorb® induces systemic oxidative stress and alterations in the expression of newly sequenced genes in silverside fish (Odontesthes humensis). Environmental Science and Pollution Research, 2021, 28, 65127-65139.	5.3	8
48	High doses of lipid-core nanocapsules do not affect bovine embryonic development in vitro. Toxicology in Vitro, 2017, 45, 194-201.	2.4	7
49	Efficiency and cell viability implications using tip type electroporation in zebrafish sperm cells. Molecular Biology Reports, 2020, 47, 5879-5887.	2.3	7
50	Pharmacological modulation of Na ⁺ , K ⁺ -ATPase as a potential target for OXA-induced neurotoxicity: Correlation between anxiety and cognitive decline and beneficial effects of 7-chloro-4-(phenylselanyl) quinoline. Brain Research Bulletin, 2020, 162, 282-290.	3.0	7
51	Capillary electroporation affects the expression of miRNA-122-5p from bull sperm cells. Gene, 2021, 768, 145286.	2.2	7
52	<scp>NEOTROPICAL FRESHWATER FISHES</scp>: A dataset of occurrence and abundance of freshwater fishes in the Neotropics. Ecology, 2023, 104, e3713.	3.2	7
53	Association between single nucleotide polymorphisms in p53 and abortion in Thoroughbred mares. Veterinary Journal, 2012, 193, 573-575.	1.7	6
54	Binding pattern and toxicological effects of lectins from genus Canavalia on bovine sperm. Reproductive Toxicology, 2013, 38, 72-80.	2.9	6

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55	Establishment of an objective endpoint in mice model for caseous lymphadenitis vaccine trials. Veterinary Microbiology, 2019, 230, 86-89.	1.9	6
56	First Record of <i>Clinostomum</i> sp. (Digenea: Clinostomidae) in <i>Danio rerio</i> (Actinopterygii). Tj ETQq0 0 0 rgBT /Overlock 10 139-148.	1.1	6
57	Suppressive effect of 1,4-anhydro-4-seleno-D-talitol (SeTal) on atopic dermatitis-like skin lesions in mice through regulation of inflammatory mediators. Journal of Trace Elements in Medicine and Biology, 2021, 67, 126795.	3.0	6
58	Testis-mediated gene transfer in mice: comparison of transfection reagents regarding transgene transmission and testicular damage. Biological Research, 2011, 44, 229-234.	3.4	5
59	NPY and sbGnRH gene expression in juvenile and adult male Brazilian flounder <i>Paralichthys orbignyanus</i> . Ciencia Rural, 2011, 41, 1927-1930.	0.5	5
60	Stability, oviposition attraction, and larvicidal activity of binary toxin from <i>Bacillus sphaericus</i> expressed in <i>Escherichia coli</i> . Applied Microbiology and Biotechnology, 2012, 95, 1235-1241.	3.6	5
61	GH Overexpression Alters Spermatic Cells MicroRNAome Profile in Transgenic Zebrafish. Frontiers in Genetics, 2021, 12, 704778.	2.3	5
62	DNA microarray for forensic intelligence purposes: High-density SNP profiles obtained directly from casework-like samples with and without a DNA purification step. Forensic Science International, 2022, 332, 111181.	2.2	5
63	Fator do plasma seminal associado à integridade de membrana de espermatozoides suãnos pã³s-descongelamento. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2008, 60, 384-388.	0.4	4
64	Molecular Detection of <i>Trypanosoma kaiowa</i> in <i>Tabanus triangulum</i> (Diptera: Tabanidae) from the Coastal Plain of Rio Grande do Sul, Southern Brazil. Acta Parasitologica, 2021, , 1.	1.1	4
65	Clonagem e avaliaãõ da expressãõ gã³nica do sbGnRH em machos juvenis e adultos de linguado, <i>Paralichthys orbignyanus</i> . Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2011, 63, 239-246.	0.4	4
66	MicroRNAs e seu papel no desenvolvimento embrionãrio. Ciencia Rural, 2011, 41, 85-93.	0.5	3
67	Voltages up to 600V did not affect cryopreserved bovine spermatozoa on capillary-type electroporation. Reproductive Biology, 2018, 18, 416-421.	1.9	3
68	Transfection of exogenous DNA complexed to cationic dendrimer induces alterations of bovine sperm microRNAome. Theriogenology, 2020, 156, 11-19.	2.1	3
69	<i>MicroRNA</i> roles in regeneration: Multiple lessons from zebrafish. Developmental Dynamics, 2022, 251, 556-576.	1.8	3
70	Quantification of <i>Toxocara canis</i> DNA by qPCR in mice inoculated with different infective doses. Parasitology International, 2020, 78, 102134.	1.3	3
71	Testis-mediated gene transfer in mice: comparison of transfection reagents regarding transgene transmission and testicular damage. Biological Research, 2011, 44, 229-34.	3.4	3
72	Erythropoietin non-viral gene therapy does not affect motility, viability, morphology or concentration of rabbit sperm. Animal, 2013, 7, 778-783.	3.3	2

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73	Complete genome sequence and in silico analysis of <i>L. interrogans</i> Canicola strain DU114: A virulent Brazilian isolate phylogenetically related to serovar Linhai. <i>Genomics</i> , 2019, 111, 1651-1656.	2.9	2
74	Toxicological evaluation of 3-(4-Chlorophenylselanyl)-1-methyl-1H-indole through the bovine oocyte in vitro maturation model. <i>Toxicology in Vitro</i> , 2020, 62, 104678.	2.4	2
75	Bis-(3-amino-2-pyridine) diselenide improves psychiatric disorders –atopic dermatitis comorbidity by regulating inflammatory and oxidative status in mice. <i>Chemico-Biological Interactions</i> , 2021, 345, 109564.	4.0	2
76	Effect of porcine somatotropin on metabolism and testicular characteristics of prepubertal pigs. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2014, 51, 60.	0.2	1
77	USE OF PROTEIN DIETS AS A SUPPLEMENT FOR AFRICANIZED BEES <i>Apis mellifera</i> . <i>Science and Animal Health</i> , 2018, 6, 86.	0.0	1
78	Applications of Carbon Nanotubes in Oncology. <i>Carbon Nanostructures</i> , 2013, , 77-96.	0.1	0
79	The Use of Nanostructures for DNA Transfection. <i>Carbon Nanostructures</i> , 2013, , 65-76.	0.1	0
80	Se-[(2,2-Dimethyl-1,3-dioxolan-4-yl)methyl] 4-Chlorobenzoselenolate Attenuates Inflammatory Response, Nociception, and Affective Disorders Related to Rheumatoid Arthritis in Mice. <i>ACS Chemical Neuroscience</i> , 2021, 12, 3760-3771.	3.5	0
81	ASSOCIAÇÃO ENTRE A PRESENÇA DE UM FATOR DE 38 kDa NO PLASMA SEMINAL E A INIBIÇÃO DA MOTILIDADE ESPERMÁTICA NO JUNDIÁ- <i>Rhamdia quelen</i> . <i>Ciencia Animal Brasileira</i> , 2010, 11, .	0.3	0
82	Revisão aborda diferentes MicroRNAs e seu papel no desenvolvimento embrionário. <i>Ciencia Rural</i> , 2011, 41, .	0.5	0
83	Nanobiotechnology and SMGT: Future Perspectives. , 2012, , 112-116.		0
84	Associação entre proteínas do plasma seminal, motilidade e viabilidade espermática em coelhos submetidos a doping genético. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2013, 65, 75-81.	0.4	0
85	Detection of antibodies against <i>Toxoplasma gondii</i> in <i>Mirounga leonina</i> Linnaeus, 1758 (Pinnipedia.) <i>Tj ETQq1 1 0.784314 rgBT /Over</i> 0.2	0.2	0
86	Reconstruction of regulatory network predicts transcription factors driving the dynamics of zebrafish heart regeneration. <i>Gene</i> , 2022, 819, 146242.	2.2	0
87	Effect of porcine somatotropin on metabolism and testicular characteristics of prepubertal pigs. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2014, 51, 60.	0.2	0