

# Vinicius Farias Campos

## List of Publications by Year in descending order

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86  
papers

1,250  
citations

393982

19  
h-index

433756

31  
g-index

88  
all docs

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.	2.9	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.	1.4	89
3	Fishing Into the MicroRNA Transcriptome. <i>Frontiers in Genetics</i> , 2018, 9, 88.	1.1	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.	0.5	52
5	Substituted diaryl diselenides: Cytotoxic and apoptotic effect in human colon adenocarcinoma cells. <i>Life Sciences</i> , 2012, 91, 345-352.	2.0	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.	0.9	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.	1.3	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.	1.4	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.	0.5	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.	0.5	34
11	Cryopreservation of Brazilian flounder ( <i>Paralichthys orbignyanus</i> ) sperm. <i>Aquaculture</i> , 2008, 275, 361-365.	1.7	33
12	NanoSMGT: transfection of exogenous DNA on sex-sorted bovine sperm using nanopolymer. <i>Theriogenology</i> , 2011, 75, 1476-1481.	0.9	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.	1.7	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.	2.0	28
15	Equine fetal sex determination using circulating cell-free fetal DNA (ccffDNA). <i>Theriogenology</i> , 2012, 77, 694-698.	0.9	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.	1.1	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.	0.5	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.	0.9	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.	1.1	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.	0.5	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.	0.8	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.	1.9	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.	3.3	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.	1.3	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.	0.8	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.	1.3	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.	0.5	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.	1.1	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.	1.9	13
30	Evaluation of qPCR reference genes in GH-overexpressing transgenic zebrafish ( <i>Danio rerio</i> ). <i>Scientific Reports</i> , 2020, 10, 12692.	1.6	12
31	Effect of a purine derivative containing selenium to improve memory decline and anxiety through modulation of the cholinergic system and Na <sup>+</sup> /K <sup>+</sup> -ATPase in an Alzheimer's disease model. <i>Metabolic Brain Disease</i> , 2021, 36, 871-888.	1.4	12
32	Understanding the Modus Operandi of MicroRNA Regulatory Clusters. <i>Cells</i> , 2019, 8, 1103.	1.8	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.	1.3	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.	1.1	11
35	Expression of apoptotic genes in immature and in vitro matured equine oocytes and cumulus cells. <i>Zygote</i> , 2013, 21, 279-285.	0.5	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.	3.6	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. <i>Molecular Biology Reports</i> , 2020, 47, 671-681.	1.0	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. <i>Behavioural Brain Research</i> , 2020, 393, 112797.	1.2	10
39	Three challenging cases of infections by multidrug-resistant <i>Serratia marcescens</i> in patients admitted to intensive care units. <i>Brazilian Journal of Microbiology</i> , 2021, 52, 1341-1345.	0.8	10
40	MicroRNA roles and their potential use as selection tool to cold tolerance of domesticated teleostean species: A systematic review. <i>Aquaculture</i> , 2021, 540, 736747.	1.7	10
41	Investigating the Effect of Inosine on Brain Purinergic Receptors and Neurotrophic and Neuroinflammatory Parameters in an Experimental Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2022, 59, 841-855.	1.9	10
42	Odontoblast RNA stability in different temperature-based protocols for tooth storage. <i>International Endodontic Journal</i> , 2012, 45, 266-272.	2.3	9
43	Complete genome sequence of native <i>Bacillus cereus</i> strains isolated from intestinal tract of the crab <i>Ucides sp.</i> . <i>Data in Brief</i> , 2018, 16, 381-385.	0.5	9
44	Prospecting for a quinoline containing selenium for comorbidities depression and memory impairment induced by restriction stress in mice. <i>Psychopharmacology</i> , 2022, 239, 59-81.	1.5	9
45	Flow cytometric sex sorting affects CD4 membrane distribution and binding of exogenous DNA on bovine sperm cells. <i>Zygote</i> , 2017, 25, 519-528.	0.5	8
46	Gene and Blood Analysis Reveal That Transfer from Brackish Water to Freshwater Is More Stressful to the Silverside <i>Odontesthes humensis</i> . <i>Frontiers in Genetics</i> , 2018, 9, 28.	1.1	8
47	Acute exposition to Roundup Transorb® induces systemic oxidative stress and alterations in the expression of newly sequenced genes in silverside fish ( <i>Odontesthes humensis</i> ). <i>Environmental Science and Pollution Research</i> , 2021, 28, 65127-65139.	2.7	8
48	High doses of lipid-core nanocapsules do not affect bovine embryonic development in vitro. <i>Toxicology in Vitro</i> , 2017, 45, 194-201.	1.1	7
49	Efficiency and cell viability implications using tip type electroporation in zebrafish sperm cells. <i>Molecular Biology Reports</i> , 2020, 47, 5879-5887.	1.0	7
50	Pharmacological modulation of Na <sup>+</sup> , K <sup>+</sup> -ATPase as a potential target for OXA-induced neurotoxicity: Correlation between anxiety and cognitive decline and beneficial effects of 7-chloro-4-(phenylselanyl) quinoline. <i>Brain Research Bulletin</i> , 2020, 162, 282-290.	1.4	7
51	Capillary electroporation affects the expression of miRNA-122-5p from bull sperm cells. <i>Gene</i> , 2021, 768, 145286.	1.0	7
52	<sc>NEOTROPICAL FRESHWATER FISHES</sc>: A dataset of occurrence and abundance of freshwater fishes in the Neotropics. <i>Ecology</i> , 2023, 104, e3713.	1.5	7
53	Association between single nucleotide polymorphisms in p53 and abortion in Thoroughbred mares. <i>Veterinary Journal</i> , 2012, 193, 573-575.	0.6	6
54	Binding pattern and toxicological effects of lectins from genus <i>Canavalia</i> on bovine sperm. <i>Reproductive Toxicology</i> , 2013, 38, 72-80.	1.3	6

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55	Establishment of an objective endpoint in mice model for caseous lymphadenitis vaccine trials. <i>Veterinary Microbiology</i> , 2019, 230, 86-89.	0.8	6
56	First Record of <i>Clinostomum</i> sp. (Digenea: Clinostomidae) in <i>Danio rerio</i> (Actinopterygii). <i>Overlock</i> 10 139-148.	0.5	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. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 67, 126795.	1.5	6
58	Testis-mediated gene transfer in mice: comparison of transfection reagents regarding transgene transmission and testicular damage. <i>Biological Research</i> , 2011, 44, 229-234.	1.5	5
59	NPY and sbGnRH gene expression in juvenile and adult male Brazilian flounder <i>Paralichthys orbignyanus</i> . <i>Ciencia Rural</i> , 2011, 41, 1927-1930.	0.3	5
60	Stability, oviposition attraction, and larvicidal activity of binary toxin from <i>Bacillus sphaericus</i> expressed in <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 95, 1235-1241.	1.7	5
61	GH Overexpression Alters Spermatic Cells MicroRNAome Profile in Transgenic Zebrafish. <i>Frontiers in Genetics</i> , 2021, 12, 704778.	1.1	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. <i>Forensic Science International</i> , 2022, 332, 111181.	1.3	5
63	Fator do plasma seminal associado à integridade de membrana de espermatozoides suãnos pã³s-descongelamento. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2008, 60, 384-388.	0.1	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. <i>Acta Parasitologica</i> , 2021, , 1.	0.4	4
65	Clonagem e avaliaão da expressão gãnica do sbGnRH em machos juvenis e adultos de linguado, <i>Paralichthys orbignyanus</i> . <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2011, 63, 239-246.	0.1	4
66	MicroRNAs e seu papel no desenvolvimento embrionãrio. <i>Ciencia Rural</i> , 2011, 41, 85-93.	0.3	3
67	Voltages up to 600V did not affect cryopreserved bovine spermatozoa on capillary-type electroporation. <i>Reproductive Biology</i> , 2018, 18, 416-421.	0.9	3
68	Transfection of exogenous DNA complexed to cationic dendrimer induces alterations of bovine sperm microRNAome. <i>Theriogenology</i> , 2020, 156, 11-19.	0.9	3
69	<i>MicroRNA</i> roles in regeneration: Multiple lessons from zebrafish. <i>Developmental Dynamics</i> , 2022, 251, 556-576.	0.8	3
70	Quantification of <i>Toxocara canis</i> DNA by qPCR in mice inoculated with different infective doses. <i>Parasitology International</i> , 2020, 78, 102134.	0.6	3
71	Testis-mediated gene transfer in mice: comparison of transfection reagents regarding transgene transmission and testicular damage. <i>Biological Research</i> , 2011, 44, 229-34.	1.5	3
72	Erythropoietin non-viral gene therapy does not affect motility, viability, morphology or concentration of rabbit sperm. <i>Animal</i> , 2013, 7, 778-783.	1.3	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.	1.3	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.	1.1	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.	1.7	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.	1.7	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, .	0.3	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.	0.1	0
85	Detection of antibodies against <i>Toxoplasma gondii</i> in <i>Mirounga leonina</i> Linnaeus, 1758 (Pinnipedia.) Tj ETQq1 1 0.784314 rgBT /Over 0,2		0
86	Reconstruction of regulatory network predicts transcription factors driving the dynamics of zebrafish heart regeneration. <i>Gene</i> , 2022, 819, 146242.	1.0	0