

# Vinicius Farias Campos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8195594/publications.pdf>

Version: 2024-02-01

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  | <scp>NEOTROPICAL FRESHWATER FISHES</scp>: A dataset of occurrence and abundance of freshwater fishes in the Neotropics. <i>Ecology</i> , 2023, 104, e3713.  | 1.5 | 7         |
| 2  | <scp>MicroRNA</scp> roles in regeneration: Multiple lessons from zebrafish. <i>Developmental Dynamics</i> , 2022, 251, 556-576.   | 0.8 | 3         |
| 3  | 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        |
| 4  | 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         |
| 5  | 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         |
| 6  | Reconstruction of regulatory network predicts transcription factors driving the dynamics of zebrafish heart regeneration. <i>Gene</i> , 2022, 819, 146242.  | 1.0 | 0         |
| 7  | Capillary electroporation affects the expression of miRNA-122-5p from bull sperm cells. <i>Gene</i> , 2021, 768, 145286.  | 1.0 | 7         |
| 8  | 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        |
| 9  | 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        |
| 10 | First Record of <i>Clinostomum</i> sp. (Digenea: Clinostomidae) in <i>Danio rerio</i> (Actinopterygii). <i>Journal of Parasitology</i> , 2021, 111, 139-148.  | 0.5 | 6         |
| 11 | Acute exposition to Roundup Transorb <sup>®</sup> 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         |
| 12 | 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         |
| 13 | 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        |
| 14 | 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         |
| 15 | 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         |
| 16 | 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         |
| 17 | GH Overexpression Alters Spermatic Cells MicroRNAome Profile in Transgenic Zebrafish. <i>Frontiers in Genetics</i> , 2021, 12, 704778.  | 1.1 | 5         |
| 18 | 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         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | 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        |
| 20 | 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         |
| 21 | 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        |
| 22 | Evaluation of qPCR reference genes in GH-overexpressing transgenic zebrafish ( <i>Danio rerio</i> ). <i>Scientific Reports</i> , 2020, 10, 12692.  | 1.6 | 12        |
| 23 | 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        |
| 24 | Transfection of exogenous DNA complexed to cationic dendrimer induces alterations of bovine sperm microRNAome. <i>Theriogenology</i> , 2020, 156, 11-19.   | 0.9 | 3         |
| 25 | 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         |
| 26 | 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        |
| 27 | 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         |
| 28 | Understanding the Modus Operandi of MicroRNA Regulatory Clusters. <i>Cells</i> , 2019, 8, 1103.  | 1.8 | 11        |
| 29 | 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        |
| 30 | Establishment of an objective endpoint in mice model for caseous lymphadenitis vaccine trials. <i>Veterinary Microbiology</i> , 2019, 230, 86-89.  | 0.8 | 6         |
| 31 | 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        |
| 32 | 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         |
| 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 | Complete genome sequence of native <i>Bacillus cereus</i> strains isolated from intestinal tract of the crab <i>Ucides</i> sp.. <i>Data in Brief</i> , 2018, 16, 381-385.  | 0.5 | 9         |
| 35 | 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        |
| 36 | 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        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | 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         |
| 38 | 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         |
| 39 | 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        |
| 40 | Fishing Into the MicroRNA Transcriptome. <i>Frontiers in Genetics</i> , 2018, 9, 88.  | 1.1 | 54        |
| 41 | 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         |
| 42 | Effects of chitosan-coated lipid-core nanocapsules on bovine sperm cells. <i>Toxicology in Vitro</i> , 2017, 40, 214-222.   | 1.1 | 19        |
| 43 | 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         |
| 44 | 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         |
| 45 | 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        |
| 46 | 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        |
| 47 | 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        |
| 48 | Detection of antibodies against <i>Toxoplasma gondii</i> in <i>Mirounga leonina</i> Linnaeus, 1758 (Pinnipedia). <i>Tj ETQqO O O rgBT /Overlock 10 Tf</i>   | 0.2 | 0         |
| 49 | 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       |
| 50 | 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        |
| 51 | 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        |
| 52 | 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        |
| 53 | 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        |
| 54 | 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        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | 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         |
| 56 | 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        |
| 57 | Applications of Carbon Nanotubes in Oncology. <i>Carbon Nanostructures</i> , 2013, , 77-96.  | 0.1 | 0         |
| 58 | 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         |
| 59 | Expression of apoptotic genes in immature and <i>in vitro</i> matured equine oocytes and cumulus cells. <i>Zygote</i> , 2013, 21, 279-285.   | 0.5 | 10        |
| 60 | The Use of Nanostructures for DNA Transfection. <i>Carbon Nanostructures</i> , 2013, , 65-76.  | 0.1 | 0         |
| 61 | 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        |
| 62 | 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         |
| 63 | Associaço entre proteas do plasma seminal, motilidade e viabilidade espermtica em coelhos submetidos a doping gentico. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2013, 65, 75-81.            | 0.1 | 0         |
| 64 | Association between single nucleotide polymorphisms in p53 and abortion in Thoroughbred mares. <i>Veterinary Journal</i> , 2012, 193, 573-575.   | 0.6 | 6         |
| 65 | 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        |
| 66 | Equine fetal sex determination using circulating cell-free fetal DNA (ccffDNA). <i>Theriogenology</i> , 2012, 77, 694-698.   | 0.9 | 27        |
| 67 | 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         |
| 68 | Substituted diaryl diselenides: Cytotoxic and apoptotic effect in human colon adenocarcinoma cells. <i>Life Sciences</i> , 2012, 91, 345-352.  | 2.0 | 48        |
| 69 | 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        |
| 70 | Odontoblast RNA stability in different temperature-based protocols for tooth storage. <i>International Endodontic Journal</i> , 2012, 45, 266-272.   | 2.3 | 9         |
| 71 | Nanobiotechnology and SMGT: Future Perspectives. , 2012, , 112-116.  |     | 0         |
| 72 | 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        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 73 | NanoSMGT: transfection of exogenous DNA on sex-sorted bovine sperm using nanopolymer. <i>Theriogenology</i> , 2011, 75, 1476-1481.  | 0.9 | 32        |
| 74 | 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        |
| 75 | MicroRNAs e seu papel no desenvolvimento embrionário. <i>Ciencia Rural</i> , 2011, 41, 85-93.   | 0.3 | 3         |
| 76 | 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         |
| 77 | 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         |
| 78 | 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        |
| 79 | Clonagem e avaliação da expressão gênica 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         |
| 80 | Revisão aborda diferentes MicroRNAs e seu papel no desenvolvimento embrionário. <i>Ciencia Rural</i> , 2011, 41, .  | 0.3 | 0         |
| 81 | 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         |
| 82 | 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        |
| 83 | 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        |
| 84 | 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         |
| 85 | Cryopreservation of Brazilian flounder ( <i>Paralichthys orbignyanus</i> ) sperm. <i>Aquaculture</i> , 2008, 275, 361-365.  | 1.7 | 33        |
| 86 | Fator do plasma seminal associado à integridade de membrana de espermatozoides após descongelamento. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2008, 60, 384-388.                                       | 0.1 | 4         |