# Helio Chiarini-Garcia

List of Publications by Year
in descending order

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|---|---|---|---|
| 61<br>papers | 2,777<br>citations | 304368<br>22<br>h-index | 174990<br>52<br>g-index |
| 62<br>all docs | 62<br>docs citations | 62<br>times ranked | 2980<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Spermatogenesis in fish. General and Comparative Endocrinology, 2010, 165, 390-411. | 0.8 | 943 |
| 2 | Cell Proliferation and Hormonal Changes During Postnatal Development of the Testis in the Pig1. Biology of Reproduction, 2000, 63, 1629-1636. | 1.2 | 227 |
| 3 | Bax-Dependent Spermatogonia Apoptosis Is Required for Testicular Development and Spermatogenesis1. Biology of Reproduction, 2002, 66, 950-958. | 1.2 | 216 |
| 4 | Distribution of Type A Spermatogonia in the Mouse Is Not Random1. Biology of Reproduction, 2001, 65, 1179-1185. | 1.2 | 146 |
| 5 | High-Resolution Light Microscopic Characterization of Mouse Spermatogonia1. Biology of Reproduction, 2001, 65, 1170-1178. | 1.2 | 124 |
| 6 | Spermatogonial morphology and kinetics during testis development in mice: a high-resolution light microscopy approach. Reproduction, 2011, 142, 145-155. | 1.1 | 111 |
| 7 | Intra-uterine growth retardation affects birthweight and postnatal development in pigs, impairing muscle accretion, duodenal mucosa morphology and carcass traits. Reproduction, Fertility and Development, 2013, 25, 387. | 0.1 | 88 |
| 8 | Comparative Testis Morphometry and Seminiferous Epithelium Cycle Length in Donkeys and Mules1. Biology of Reproduction, 2002, 67, 247-255. | 1.2 | 71 |
| 9 | The length of the cycle of seminiferous epithelium in goats (Capra hircus). Tissue and Cell, 1999, 31, 274-280. | 1.0 | 70 |
| 10 | Functional dissimilarity of melanomacrophage centres in the liver and spleen from females of the teleost fish Prochilodus argenteus. Cell and Tissue Research, 2011, 346, 417-425. | 1.5 | 57 |
| 11 | Seminiferous epithelium cycle and its duration in capybaras (Hydrochoerus hydrochaeris). Tissue and Cell, 1999, 31, 327-334. | 1.0 | 47 |
| 12 | Effects of multiple doses of cyclophosphamide on mouse testes: Accessing the germ cells lost, and the functional damage of stem cells. Reproductive Toxicology, 2011, 32, 395-406. | 1.3 | 45 |
| 13 | Morphology of the Antenna of <I>Dermatobia hominis</I> (Diptera: Cuterebridae) Based on Scanning Electron Microscopy. Journal of Medical Entomology, 2002, 39, 36-43. | 0.9 | 41 |
| 14 | Characterizing the Spermatogonial Response to Retinoic Acid During the Onset of Spermatogenesis and Following Synchronization in the Neonatal Mouse Testis. Biology of Reproduction, 2016, 95, 81-81. | 1.2 | 30 |
| 15 | Type 2 iodothyronine deiodinase is highly expressed in germ cells of adult rat testis. Journal of Endocrinology, 2007, 194, 47-54. | 1.2 | 29 |
| 16 | Morphological changes in the gills ofLophiosilurus alexandriexposed to un-ionized ammonia. Journal of Fish Biology, 1996, 49, 778-787. | 0.7 | 29 |
| 17 | Mast cell heterogeneity between two different species of Hoplias sp. (Characiformes: Erythrinidae): Response to fixatives, anatomical distribution, histochemical contents and ultrastructural features. Fish and Shellfish Immunology, 2007, 22, 218-229. | 1.6 | 28 |
| 18 | Duration of spermatogenesis and daily sperm production in the jaguar (Panthera onca). Theriogenology, 2008, 70, 1136-1146. | 0.9 | 28 |

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|---|---|---|---|
| 19 | Potential effects of UV radiation on photosynthetic structures of the bloom-forming cyanobacterium Cylindrospermopsis raciborskii CYRF-01. Frontiers in Microbiology, 2015, 6, 1202. | 1.5 | 25 |
| 20 | Revisiting the human seminiferous epithelium cycle. Human Reproduction, 2017, 32, 1170-1182. | 0.4 | 25 |
| 21 | High-Resolution Light Microscopic Characterization of Spermatogonia. Methods in Molecular Biology, 2008, 450, 95-107. | 0.4 | 24 |
| 22 | Visualizing aquatic bacteria by light and transmission electron microscopy. Antonie Van Leeuwenhoek, 2014, 105, 1-14. | 0.7 | 24 |
| 23 | Postnatal development of skeletal muscle in pigs with intrauterine growth restriction: morphofunctional phenotype and molecular mechanisms. Journal of Anatomy, 2020, 236, 840-853. | 0.9 | 21 |
| 24 | Glycol Methacrylate Embedding for Improved Morphological, Morphometrical, and Immunohistochemical Investigations Under Light Microscopy: Testes as a Model. Methods in Molecular Biology, 2011, 689, 3-18. | 0.4 | 19 |
| 25 | Identification of Piecemeal Degranulation and Vesicular Transport of MBP-1 in Liver-Infiltrating Mouse Eosinophils During Acute Experimental Schistosoma mansoni Infection. Frontiers in Immunology, 2018, 9, 3019. | 2.2 | 18 |
| 26 | Genetic Factors Contributing to Defective Spermatogonial Differentiation in Juvenile Spermatogonial Depletion (Utp14bjsd) Mice1. Biology of Reproduction, 2007, 77, 237-246. | 1.2 | 17 |
| 27 | Spermatogonial morphology, kinetics and niches in hamsters exposed to shortâ€•and longâ€•photoperiod. Journal of Developmental and Physical Disabilities, 2009, 32, 486-497. | 3.6 | 16 |
| 28 | A comparative study of lymph node mast cell populations in five marsupial species. Tissue and Cell, 1999, 31, 318-326. | 1.0 | 15 |
| 29 | The Intriguing Ultrastructure of Lipid Body Organelles Within Activated Macrophages. Microscopy and Microanalysis, 2014, 20, 869-878. | 0.2 | 15 |
| 30 | Scanning Electron Microscopy Studies of Sensilla and Other Structures of Adult <I>Dermatobia hominis</I> (L. Jr., 1781) (Diptera: Cuterebridae). Journal of Medical Entomology, 2004, 41, 552-560. | 0.9 | 14 |
| 31 | Spermatogenesis recovery in protein-restricted rats subjected to a normal protein diet after weaning. Reproduction, Fertility and Development, 2014, 26, 787. | 0.1 | 13 |
| 32 | Comparison of Conventional Freezing and Vitrification with Dimethylformamide and Ethylene Glycol for Cryopreservation of Ovine Embryos. Reproduction in Domestic Animals, 2014, 49, 839-844. | 0.6 | 13 |
| 33 | Ovarian follicle development and genital tract characteristics in different birthweight gilts at 150Âdays of age. Reproduction in Domestic Animals, 2017, 52, 756-762. | 0.6 | 13 |
| 34 | Spermatozoon and its relationship with the ovarian lamellae in the internally inseminating catfish Trachelyopterus galeatus. Microscopy Research and Technique, 2009, 72, 889-897. | 1.2 | 12 |
| 35 | Evaluation of the seminiferous epithelial cycle, spermatogonial kinetics and niche in donkeys (Equus) Tj ETQq1 1 0.784314 rgBT /Ove | 0.5 | 12 |
| 36 | Spermatogonial behavior in rats during radiation-induced arrest and recovery after hormone suppression. Reproduction, 2013, 146, 363-376. | 1.1 | 12 |

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|---|---|---|---|
| 37 | Testicular parameters and spermatogenesis in different birthweight boars. Reproduction, Fertility and Development, 2017, 29, 1720. | 0.1 | 12 |
| 38 | Administration of Thyroxine Affects the Morphometric Parameters and VEGF Expression in the Uterus and Placenta and the Uterine Vascularization but does Not Affect Reproductive Parameters in Gilts During Early Gestation. Reproduction in Domestic Animals, 2011, 46, e7-16. | 0.6 | 11 |
| 39 | Mast cell types and cell-to-cell interactions in lymph nodes of the opossum Didelphis albiventris. Anatomy and Embryology, 2000, 201, 197-206. | 1.5 | 10 |
| 40 | Histochemical evidence of heparin in granular cells of Hoplias malabaricus Bloch. Journal of Fish Biology, 1992, 41, 155-157. | 0.7 | 9 |
| 41 | Mast cell types in the lymph nodes of the opossum Didelphis albiventris (Marsupialia, Didelphidae). Cell and Tissue Research, 1992, 268, 571-574. | 1.5 | 9 |
| 42 | Mice Spermatogonial Stem Cells Transplantation Induces Macrophage Migration into the Seminiferous Epithelium and Lipid Body Formation: High-Resolution Light Microscopy and Ultrastructural Studies. Microscopy and Microanalysis, 2011, 17, 1002-1014. | 0.2 | 9 |
| 43 | Gestational and postnatal protein deficiency affects postnatal development and histomorphometry of liver, kidneys, and ovaries of female ratsâ€™ offspring. Applied Physiology, Nutrition and Metabolism, 2012, 37, 293-300. | 0.9 | 9 |
| 44 | Apoptosis, mast cell degranulation and collagen breakdown in the pathogenesis of loxoscelism in subcutaneously implanted sponges. Toxicon, 2014, 84, 7-18. | 0.8 | 9 |
| 45 | Intrauterine growth restriction and its impact on intestinal morphophysiology throughout postnatal development in pigs. Scientific Reports, 2022, 12, . | 1.6 | 9 |
| 46 | Intrauterine growth restriction: screening and diagnosis using animal models. Animal Reproduction, 2019, 16, 66-71. | 0.4 | 8 |
| 47 | Histological approaches for high-quality imaging of zooplanktonic organisms. Micron, 2007, 38, 714-721. | 1.1 | 7 |
| 48 | Spermatogonial behavior in marmoset: a new generation, their kinetics and niche. Molecular Human Reproduction, 2018, 24, 299-309. | 1.3 | 6 |
| 49 | Influence of three different histological methods on the morphology and morphometrical data in human testis. Histology and Histopathology, 2017, 32, 27-34. | 0.5 | 6 |
| 50 | Development of different mast cell types in the opossum Didelphis albiventris. Anatomy and Embryology, 2003, 206, 239-245. | 1.5 | 4 |
| 51 | Morphofunctional changes of female germinal epithelium to support spermatozoa along the annual reproductive cycle in an inseminating catfish (Trachelyopterus galeatus, Auchenipteridae). Journal of Morphology, 2014, 275, 65-75. | 0.6 | 4 |
| 52 | Hypothyroidism induced by postnatal PTU (6-n-propyl-2-thiouracil) treatment decreases Sertoli cell number and spermatogenic efficiency in sexually mature pigs. General and Comparative Endocrinology, 2020, 299, 113593. | 0.8 | 3 |
| 53 | A New Approach for Optimal Morphological Identification and Immunolabeling of Spermatogonial Cells. Microscopy and Microanalysis, 2014, 20, 1304-1311. | 0.2 | 2 |
| 54 | Relationship between pre-pubertal biometrical measures and sperm parameters for the selection of high genetic merit pure and crossbred boars. Theriogenology, 2019, 127, 1-6. | 0.9 | 2 |

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|---|---|---|---|
| 55 | Ovarian morphometrical evaluation to assess reproductive activity suppression in heavy weight finishing gilts immunized against gonadotropin-releasing hormone. Research in Veterinary Science, 2021, 136, 519-526. | 0.9 | 2 |
| 56 | Evaluation of Conjugated Linoleic Acid Addition to a Chocolate Milk Drink. International Journal of Food Engineering, 2011, 7, . | 0.7 | 1 |
| 57 | Characterization of neoplastic cells outlining the cystic space of invasive micropapillary carcinoma of the canine mammary gland. BMC Veterinary Research, 2021, 17, 130. | 0.7 | 1 |
| 58 | Intrauterine growth restriction: screening and diagnosis using animal models. Animal Reproduction, 2020, 16, 66-71. | 0.4 | 1 |
| 59 | A fertility-oriented method for histological processing of testicular biopsies in men with azoospermia. Systems Biology in Reproductive Medicine, 2021, 67, 314-321. | 1.0 | 0 |
| 60 | Bovine placentome preservation for light microscopy evaluation. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2000, 52, 117-124. | 0.1 | 0 |
| 61 | Birthweight leads to seminal and testicular morphofunctional commitment in sexually mature boars. Theriogenology, 2022, 189, 237-245. | 0.9 | 0 |