

# Magnus R Dias-Da-Silva

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90  
papers

1,618  
citations

18  
h-index

38  
g-index

101  
ext. papers

1,903  
ext. citations

4.5  
avg, IF

4.13  
L-index

#	Paper	IF	Citations
90	Mutations in potassium channel Kir2.6 cause susceptibility to thyrotoxic hypokalemic periodic paralysis. <i>Cell</i> , <b>2010</b> , 140, 88-98	56.2	192
89	Correlating phenotype and genotype in the periodic paralyses. <i>Neurology</i> , <b>2004</b> , 63, 1647-55	6.5	177
88	Adult exposure to bisphenol A (BPA) in Wistar rats reduces sperm quality with disruption of the hypothalamic-pituitary-testicular axis. <i>Toxicology</i> , <b>2015</b> , 329, 1-9	4.4	147
87	A novel germ-line point mutation in RET exon 8 (Gly(533)Cys) in a large kindred with familial medullary thyroid carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2003</b> , 88, 5438-43	5.6	90
86	A mutation in the KCNE3 potassium channel gene is associated with susceptibility to thyrotoxic hypokalemic periodic paralysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2002</b> , 87, 4881-4	5.6	89
85	Clinical and molecular update of a large cohort followed by the Brazilian MODY multicenter study group (BRASMODY). <i>Diabetology and Metabolic Syndrome</i> , <b>2015</b> , 7,	5.6	78
84	Daily exposure to silver nanoparticles during prepubertal development decreases adult sperm and reproductive parameters. <i>Nanotoxicology</i> , <b>2015</b> , 9, 64-70	5.3	50
83	Perinatal exposure to glyphosate-based herbicide alters the thyrotrophic axis and causes thyroid hormone homeostasis imbalance in male rats. <i>Toxicology</i> , <b>2017</b> , 377, 25-37	4.4	47
82	Novel etiopathophysiological aspects of thyrotoxic periodic paralysis. <i>Nature Reviews Endocrinology</i> , <b>2011</b> , 7, 657-67	15.2	45
81	Familial combined pituitary hormone deficiency due to a novel mutation R99Q in the hot spot region of Prophet of Pit-1 presenting as constitutional growth delay. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2003</b> , 88, 38-44	5.6	41
80	DUOX2 Mutations Are Associated With Congenital Hypothyroidism With Ectopic Thyroid Gland. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 4060-4071	5.6	36
79	Mutations linked to familial hypokalaemic periodic paralysis in the calcium channel alpha1 subunit gene (Cav1.1) are not associated with thyrotoxic hypokalaemic periodic paralysis. <i>Clinical Endocrinology</i> , <b>2002</b> , 56, 367-75	3.4	35
78	Autoimmune polyendocrine syndrome type 1: case report and review of literature. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , <b>2012</b> , 56, 54-66		31
77	FGF-mediated induction of ciliary body tissue in the chick eye. <i>Developmental Biology</i> , <b>2007</b> , 304, 272-85	3.1	30
76	First report of a de novo mutation at SLC20A2 in a patient with brain calcification. <i>Journal of Molecular Neuroscience</i> , <b>2014</b> , 54, 748-51	3.3	29
75	Optimizing nucleic acid extraction from thyroid fine-needle aspiration cells in stained slides, formalin-fixed/paraffin-embedded tissues, and long-term stored blood samples. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , <b>2012</b> , 56, 618-26		26
74	Integration of a postoperative calcitonin measurement into an anatomical staging system improves initial risk stratification in medullary thyroid cancer. <i>Clinical Endocrinology</i> , <b>2015</b> , 83, 938-42	3.4	24

73	Measurement of calcitonin and calcitonin gene-related peptide mRNA refines the management of patients with medullary thyroid cancer and may replace calcitonin-stimulation tests. <i>Thyroid</i> , <b>2013</b> , 23, 308-16	6.2	18
72	Three years follow-up of pamidronate therapy in two brothers with osteoporosis-pseudoglioma syndrome (OPPG) carrying an LRP5 mutation. <i>Journal of Pediatric Endocrinology and Metabolism</i> , <b>2008</b> , 21, 811-8	1.6	17
71	Maturity-onset diabetes of the young (MODY) in Brazil: Establishment of a national registry and appraisal of available genetic and clinical data. <i>Diabetes Research and Clinical Practice</i> , <b>2017</b> , 123, 134-142	7.4	16
70	Maternal glyphosate-based herbicide exposure alters antioxidant-related genes in the brain and serum metabolites of male rat offspring. <i>NeuroToxicology</i> , <b>2019</b> , 74, 121-131	4.4	15
69	M918V RET mutation causes familial medullary thyroid carcinoma: study of 8 affected kindreds. <i>Endocrine-Related Cancer</i> , <b>2016</b> , 23, 909-920	5.7	15
68	A novel mutation in the LRP5 gene is associated with osteoporosis-pseudoglioma syndrome. <i>Osteoporosis International</i> , <b>2007</b> , 18, 1017-8	5.3	15
67	The natural history of the R120C PROP1 mutation reveals a wide phenotypic variability in two untreated adult brothers with combined pituitary hormone deficiency. <i>Endocrine</i> , <b>2006</b> , 30, 365-9	4	15
66	Extended RET gene analysis in patients with apparently sporadic medullary thyroid cancer: clinical benefits and cost. <i>Hormones and Cancer</i> , <b>2012</b> , 3, 181-6	5	14
65	Genotype and phenotype landscape of MEN2 in 554 medullary thyroid cancer patients: the BrasMEN study. <i>Endocrine Connections</i> , <b>2019</b> , 8, 289-298	3.5	14
64	Ion channelopathies in endocrinology: recent genetic findings and pathophysiological insights. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , <b>2010</b> , 54, 673-81		13
63	Maternal bisphenol A exposure disrupts spermatogenesis in adult rat offspring. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2019</b> , 82, 163-175	3.2	13
62	Incorporation of 5-ethynyl-2Sdeoxyuridine (EdU) as a novel strategy for identification of the skewed X inactivation pattern in balanced and unbalanced X-rearrangements. <i>Human Genetics</i> , <b>2016</b> , 135, 185-92	6.3	12
61	Macrocalcitonin Is a Novel Pitfall in the Routine of Serum Calcitonin Immunoassay. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 653-8	5.6	11
60	Evidence for the founder effect of RET533 as the common Greek and Brazilian ancestor spreading multiple endocrine neoplasia 2A. <i>European Journal of Endocrinology</i> , <b>2017</b> , 176, 515-519	6.5	10
59	Enhancing T3 and cAMP responsive gene participation in the thermogenic regulation of fuel oxidation pathways. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , <b>2010</b> , 54, 381-9		10
58	Insights into the posttranslational structural heterogeneity of thyroglobulin and its role in the development, diagnosis, and management of benign and malignant thyroid diseases. <i>Archives of Endocrinology and Metabolism</i> , <b>2016</b> , 60, 66-75	2.2	10
57	Whole genome and exome sequencing realignment supports the assignment of KCNJ12, KCNJ17, and KCNJ18 paralogous genes in thyrotoxic periodic paralysis locus: functional characterization of two polymorphic Kir2.6 isoforms. <i>Molecular Genetics and Genomics</i> , <b>2016</b> , 291, 1535-44	3.1	9
56	The Role of AIRE in the Immunity Against in a Model of Human Macrophages. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 567	8.4	9

55	Absence of activating mutations in the hot spots of the LH receptor and Gs-alpha genes in Leydig cell tumors. <i>Journal of Endocrinological Investigation</i> , <b>2002</b> , 25, 598-602	5.2	9
54	In search of new paradigms for epididymal health and disease: innate immunity, inflammatory mediators, and steroid hormones. <i>Andrology</i> , <b>2019</b> , 7, 690-702	4.2	8
53	A novel glucokinase deletion (p.Lys32del) and five previously described mutations co-segregate with the phenotype of mild familial hyperglycaemia (MODY2) in Brazilian families. <i>Diabetes Research and Clinical Practice</i> , <b>2013</b> , 100, e42-5	7.4	8
52	A ten-year clinical update of a large RET p.Gly533Cys kindred with medullary thyroid carcinoma emphasizes the need for an individualized assessment of affected relatives. <i>Clinical Endocrinology</i> , <b>2014</b> , 80, 235-45	3.4	8
51	Analyzing the toxicity of bisphenol-A to microalgae for ecotoxicological applications. <i>Environmental Monitoring and Assessment</i> , <b>2019</b> , 192, 8	3.1	8
50	Unexpected finding of a whole HNF1B gene deletion during the screening of rare MODY types in a series of Brazilian patients negative for GCK and HNF1A mutations. <i>Diabetes Research and Clinical Practice</i> , <b>2016</b> , 116, 100-4	7.4	8
49	The heterogeneity of autoimmune polyendocrine syndrome type 1: Clinical features, new mutations and cytokine autoantibodies in a Brazilian cohort from tertiary care centers. <i>Clinical Immunology</i> , <b>2018</b> , 197, 231-238	9	8
48	Three unreported glucokinase (GCK) missense mutations detected in the screening of thirty-two Brazilian kindreds for GCK and HNF1A-MODY. <i>Diabetes Research and Clinical Practice</i> , <b>2014</b> , 106, e44-8	7.4	7
47	Development and application of a novel sensitive immunometric assay for calcitonin in a large cohort of patients with medullary and differentiated thyroid cancer, thyroid nodules, and autoimmune thyroid diseases. <i>European Thyroid Journal</i> , <b>2014</b> , 3, 117-24	4.2	7
46	Cosegregation of a novel mutation in the sixth transmembrane segment of the luteinizing/choriogonadotropin hormone receptor with two Brazilian siblings with severe testotoxicosis. <i>Endocrine Research</i> , <b>2017</b> , 42, 117-124	1.9	7
45	Clinical follow-up of two Brazilian subjects with glucokinase-MODY (MODY2) with description of a novel mutation. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , <b>2012</b> , 56, 490-5		7
44	Effects of Short-Term Glucocorticoid Deprivation on Growth Hormone (GH) Response to GH-Releasing Peptide-6: Studies in Normal Men and in Patients with Adrenal Insufficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 1540-1544	5.6	7
43	The Natural History of a Man With Ovotesticular 46,XX DSD Caused by a Novel 3-Mb 15q26.2 Deletion Containing Gene. <i>Journal of the Endocrine Society</i> , <b>2019</b> , 3, 2107-2113	0.4	7
42	Comprehensive analysis of RET gene should be performed in patients with multiple endocrine neoplasia type 2 (MEN 2) syndrome and no apparent genotype-phenotype correlation: an appraisal of p.Y791F and p.C634Y RET mutations in five unrelated Brazilian families. <i>Journal of Endocrinological Investigation</i> , <b>2013</b> , 36, 375-81	5.2	7
41	Down-regulation of Kir2.6 channel by c-termini mutation D252N and its association with the susceptibility to Thyrotoxic Periodic Paralysis. <i>Neuroscience</i> , <b>2017</b> , 346, 197-202	3.9	6
40	Spontaneous fertility and variable spectrum of reproductive phenotype in a family with adult-onset X-linked adrenal insufficiency harboring a novel DAX-1/NROB1 mutation. <i>BMC Endocrine Disorders</i> , <b>2020</b> , 20, 21	3.3	6
39	Murine retroviruses re-engineered for lineage tracing and expression of toxic genes in the developing chick embryo. <i>Developmental Dynamics</i> , <b>2008</b> , 237, 3260-9	2.9	6
38	Searching for mutations in the HNF1B gene in a Brazilian cohort with renal cysts and hyperglycemia. <i>Archives of Endocrinology and Metabolism</i> , <b>2019</b> , 63, 250-257	2.2	5

37	Assessing the clinical and molecular diagnosis of inherited forms of impaired sensitivity to thyroid hormone from a single tertiary center. <i>Endocrine</i> , <b>2018</b> , 62, 628-638	4	5
36	A novel GNRHR gene mutation causing congenital hypogonadotrophic hypogonadism in a Brazilian kindred. <i>Journal of Neuroendocrinology</i> , <b>2018</b> , 30, e12658	3.8	5
35	Anatomical specificity of the brain in the modulation of Neuroglobin and Cytoglobin genes after chronic bisphenol a exposure. <i>Metabolic Brain Disease</i> , <b>2017</b> , 32, 1843-1851	3.9	4
34	An approach to the diagnosis and management of a case presenting with recurrent hypomagnesemia secondary to the chronic use of a proton pump inhibitor. <i>Magnesium Research</i> , <b>2015</b> , 28, 136-45	1.7	4
33	Analysis of somatic mutations in BRAF, CDKN2A/p16 and PI3KCA in patients with medullary thyroid carcinoma. <i>Molecular Medicine Reports</i> , <b>2016</b> , 13, 1653-60	2.9	4
32	Novel lincRNA Susceptibility Gene and Its Role in Etiopathogenesis of Thyrotoxic Periodic Paralysis. <i>Journal of the Endocrine Society</i> , <b>2017</b> , 1, 809-815	0.4	3
31	Evaluation of neuroglobin and cytoglobin expression in adult rats exposed to silver nanoparticles during prepubescence. <i>Metabolic Brain Disease</i> , <b>2019</b> , 34, 705-713	3.9	3
30	Retroposed copies of RET gene: a somatically acquired event in medullary thyroid carcinoma. <i>BMC Medical Genomics</i> , <b>2019</b> , 12, 104	3.7	3
29	The insulin-sensitivity sulphonylurea receptor variant is associated with thyrotoxic paralysis. <i>Journal of Molecular Endocrinology</i> , <b>2014</b> , 53, 295-301	4.5	3
28	Lack of decussation of pyramids in Kallmann syndrome presenting with mirror movements. <i>Journal of the Neurological Sciences</i> , <b>2017</b> , 372, 220-222	3.2	3
27	Low iodine diet does not improve the efficacy of radioiodine for the treatment of GravesSdisease. <i>Archives of Endocrinology and Metabolism</i> , <b>2015</b> , 59, 501-6	2.2	3
26	The absence of mutations in homeobox candidate genes HOXA3, HOXB3, HOXD3 and PITX2 in familial and sporadic thyroid hemiagenesis. <i>Journal of Pediatric Endocrinology and Metabolism</i> , <b>2014</b> , 27, 317-22	1.6	3
25	Cognitive and Psychiatric Evaluation in SYNE1 Ataxia. <i>Cerebellum</i> , <b>2019</b> , 18, 731-737	4.3	2
24	Pitfalls in the diagnosis of frameshift mutations in the glucokinase (GCK) gene and the contribution of an additional cloning sequencing tool. <i>Diabetes Research and Clinical Practice</i> , <b>2015</b> , 108, e3-4	7.4	2
23	Improving the identification of mody mutations by using mlpa technique in the molecular diagnostics routine. <i>Diabetology and Metabolic Syndrome</i> , <b>2015</b> , 7,	5.6	2
22	GH-releasing peptide (GHRP-6)-induced ACTH release in patients with addisonSs disease: effect of glucocorticoid withdrawal. <i>Journal of Endocrinological Investigation</i> , <b>2003</b> , 26, 143-7	5.2	2
21	A pioneering RET genetic screening study in the State of Cear�Brazil, evaluating patients with medullary thyroid cancer and at-risk relatives: experience with 247 individuals. <i>Archives of Endocrinology and Metabolism</i> , <b>2018</b> , 62, 623-635	2.2	2
20	Levonorgestrel correlates with less weight gain than other progestins during hormonal replacement therapy in Turner Syndrome patients. <i>Scientific Reports</i> , <b>2020</b> , 10, 8298	4.9	1

19	More than kin, less than kind: one family and the many faces of diabetes in youth. <i>Archives of Endocrinology and Metabolism</i> , <b>2017</b> , 61, 637-642	2.2	1
18	Estrogen and Thyroid Hormone Receptor Activation by Medicinal Plants from Bahia, Brazil. <i>Medicines (Basel, Switzerland)</i> , <b>2018</b> , 5,	4.1	1
17	Novel homozygous ALX4 mutation causing frontonasal dysplasia-2 in a patient with meningoencephalocele. <i>Clinical Genetics</i> , <b>2015</b> , 88, 593-6	4	1
16	Molecular insights into the possible role of Kir4.1 and Kir5.1 in thyroid hormone biosynthesis. <i>Hormone Research in Paediatrics</i> , <b>2015</b> , 83, 141-7	3.3	1
15	Molecular cloning of ion channels in <i>Felis catus</i> that are related to periodic paralyses in man: a contribution to the understanding of the genetic susceptibility to feline neck ventroflexion and paralysis. <i>Biology Open</i> , <b>2014</b> , 3, 785-93	2.2	1
14	Perspectives in isolation of microRNA from thyroid fine-needle aspiration: reply to the letter "Nucleic acid recovery from thyroid fine-needle cytology slides". <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , <b>2013</b> , 57, 393-4		1
13	Hypomagnesemia with Hypercalciuria Leading to Nephrocalcinosis, Amelogenesis Imperfecta, and Short Stature in a Child Carrying a Homozygous Deletion in the CLDN16 Gene. <i>Calcified Tissue International</i> , <b>2020</b> , 107, 403-408	3.9	1
12	Cross-sex testosterone therapy modifies the renal morphology and function in female rats and might underlie increased systolic pressure. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2021</b> , 48, 978-986	3	1
11	Unusual X-chromosome inactivation pattern in patients with Xp11.23-p11.22 duplication: Report and review. <i>American Journal of Medical Genetics, Part A</i> , <b>2016</b> , 170, 3271-3275	2.5	1
10	Intelligence Quotient Variability in Klinefelter Syndrome Is Associated With GTPBP6 Expression Under Regulation of X-Chromosome Inactivation Pattern. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 724625	4.5	1
9	Overlapping phenotype comprising Kenny-Caffey type 2 and Sanjad-Sakati syndromes: The first case report. <i>American Journal of Medical Genetics, Part A</i> , <b>2020</b> , 182, 3029-3034	2.5	0
8	Intergenerational thyroid hormone homeostasis imbalance in cerebellum of rats perinatally exposed to glyphosate-based herbicide. <i>Environmental Toxicology</i> , <b>2021</b> , 36, 1031-1042	4.2	0
7	Novel immunoassay for TSH measurement in rats. <i>Archives of Endocrinology and Metabolism</i> , <b>2017</b> , 61, 460-463	2.2	
6	Stylohyoid Ligament Calcification: A Greater-Than-Expected Cause of Otalgia in Turner Syndrome. <i>Journal of the Endocrine Society</i> , <b>2019</b> , 3, 1403-1408	0.4	
5	Gender Affirmation Process in Brazilian Public Health System: Challenges to Integral Care. <i>Journal of Sexual Medicine</i> , <b>2017</b> , 14, e343	1.1	
4	From the narrative to the genes: When forensic technique meets social reparation. <i>Forensic Science International: Reports</i> , <b>2022</b> , 5, 100253	1.9	
3	Perspectives in isolation of microRNA from thyroid fine-needle aspiration: reply to the letter "Nucleic acid recovery from thyroid fine-needle cytology slides". <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , <b>2013</b> , 57, 492-3		
2	The impact of the genetic background in a patient with papillary thyroid cancer and familial adenomatous polyposis.. <i>Archives of Endocrinology and Metabolism</i> , <b>2022</b> , 66, 112-117	2.2	

- 1 Educational status, testosterone replacement, and intelligence outcomes in Klinefelter syndrome. *Dementia E Neuropsychologia*, **2022**, 16, 97-104 2.1