Antonio M Lerario

List of Publications by Citations

120 papers	3,246 citations	28 h-index	54 g-index
140 ext. papers	4,234 ext. citations	4.7 avg, IF	5.1 L-index

#	Paper	IF	Citations
120	Transcriptomic analysis of purified human cortical microglia reveals age-associated changes. *Nature Neuroscience*, **2017**, 20, 1162-1171	25.5	358
119	Comprehensive Molecular Characterization of Pheochromocytoma and Paraganglioma. *Cancer Cell*, **2017**, 31, 181-193	24.3	350
118	Comprehensive Pan-Genomic Characterization of Adrenocortical Carcinoma. *Cancer Cell*, **2016**, 29, 723-736	24.3	324
117	Progression to adrenocortical tumorigenesis in mice and humans through insulin-like growth factor 2 and □-catenin. *American Journal of Pathology*, **2012**, 181, 1017-33	5.8	124
116	Expression of insulin-like growth factor-II and its receptor in pediatric and adult adrenocortical tumors. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 3524-31	5.6	123
115	ARMC5 mutations are a frequent cause of primary macronodular adrenal Hyperplasia. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, E1501-9	5.6	87
114	Development of adrenal cortex zonation. *Endocrinology and Metabolism Clinics of North America*, **2015**, 44, 243-74	5.5	79
113	SAT-LB57 The Spectrum of Genomic and Transcriptomic Alterations in ACTH-Producing and ACTH-Silent Corticotroph Adenomas. *Journal of the Endocrine Society*, **2020**, 4,	0.4	78
112	OR06-6 Whole-Exome Sequencing of Patients with Pituitary Stalk Interruption Syndrome (PSIS) Reveals Probably Pathogenic Variants in Novel Candidate Genes.. *Journal of the Endocrine Society*, **2019**, 3,	0.4	78
111	MON-207 Identification of Monogenic Causes of Polycystic Ovary Syndrome by High Throughput Sequencing. *Journal of the Endocrine Society*, **2019**, 3,	0.4	78
110	Genetics and epigenetics of adrenocortical tumors. *Molecular and Cellular Endocrinology*, **2014**, 386, 67-84	4.4	67
109	Combined expression of BUB1B, DLGAP5, and PINK1 as predictors of poor outcome in adrenocortical tumors: validation in a Brazilian cohort of adult and pediatric patients. *European Journal of Endocrinology*, **2012**, 166, 61-7	6.5	62
108	The combination of insulin-like growth factor receptor 1 (IGF1R) antibody cixutumumab and mitotane as a first-line therapy for patients with recurrent/metastatic adrenocortical carcinoma: a multi-institutional NCI-sponsored trial. *Hormones and Cancer*, **2014**, 5, 232-9	5	59
107	11-Ketotestosterone Is the Dominant Circulating Bioactive Androgen During Normal and Premature Adrenarche. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 4589-4598	5.6	52
106	Steroidogenic factor 1 overexpression and gene amplification are more frequent in adrenocortical tumors from children than from adults. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 1458-62	5.6	50
105	New genetic findings in a large cohort of congenital hypogonadotropic hypogonadism. *European Journal of Endocrinology*, **2019**, 181, 103-119	6.5	41
104	IHH Gene Mutations Causing Short Stature With Nonspecific Skeletal Abnormalities and Response to Growth Hormone Therapy. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 604-614	5.6	36

103	BCL11B mutations in patients affected by a neurodevelopmental disorder with reduced type 2 innate lymphoid cells. *Brain*, **2018**, 141, 2299-2311	11.2	36
102	A ZNRF3-dependent Wnt/Ecatenin signaling gradient is required for adrenal homeostasis. *Genes and Development*, **2019**, 33, 209-220	12.6	35
101	Mutations in C-natriuretic peptide (NPPC): a novel cause of autosomal dominant short stature. *Genetics in Medicine*, **2018**, 20, 91-97	8.1	35
100	Sonic Hedgehog and WNT Signaling Promote Adrenal Gland Regeneration in Male Mice. *Endocrinology*, **2018**, 159, 579-596	4.8	34
99	Genetics of primary macronodular adrenal hyperplasia. *Journal of Endocrinology*, **2015**, 224, R31-43	4.7	30
98	Molecular Mechanisms of Stem/Progenitor Cell Maintenance in the Adrenal Cortex. *Frontiers in Endocrinology*, **2017**, 8, 52	5.7	30
97	Multigene Sequencing Analysis of Children Born Small for Gestational Age With Isolated Short Stature. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 2023-2030	5.6	30
96	Targeted Assessment of Methylation Identifies a Rapidly Recurrent, Routinely Fatal Molecular Subtype of Adrenocortical Carcinoma. *Clinical Cancer Research*, **2019**, 25, 3276-3288	12.9	29
95	Advanced prostate cancer as a cause of oncogenic osteomalacia: an underdiagnosed condition. *Supportive Care in Cancer*, **2012**, 20, 2195-7	3.9	28
94	Metabolic reprogramming: a new relevant pathway in adult adrenocortical tumors. *Oncotarget*, **2015**, 6, 44403-21	3.3	28
93	Therapeutic Targets for Adrenocortical Carcinoma in the Genomics Era. *Journal of the Endocrine Society*, **2018**, 2, 1259-1274	0.4	28
92	Wide spectrum of NR5A1-related phenotypes in 46,XY and 46,XX individuals. *Birth Defects Research Part C: Embryo Today Reviews*, **2016**, 108, 309-320		28
91	A new POT1 germline mutation-expanding the spectrum of POT1-associated cancers. *Familial Cancer*, **2017**, 16, 561-566	3	26
90	Age-dependent Increases in Adrenal Cytochrome b5 and Serum 5-Androstenediol-3-sulfate. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 4585-4593	5.6	26
89	Two rare loss-of-function variants in the STAG3 gene leading to primary ovarian insufficiency. *European Journal of Medical Genetics*, **2019**, 62, 186-189	2.6	23
88	Complete resolution of hypercortisolism with sorafenib in a patient with advanced medullary thyroid carcinoma and ectopic ACTH (adrenocorticotropic hormone) syndrome. *Thyroid*, **2014**, 24, 1062-6	6.2	23
87	(18)F-FDG-PET/CT imaging of ACTH-independent macronodular adrenocortical hyperplasia (AIMAH) demonstrating increased (18)F-FDG uptake. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, 3300-1	5.6	23
86	Novel SUZ12 mutations in Weaver-like syndrome. *Clinical Genetics*, **2018**, 94, 461-466	4	22

85	Homozygous loss of function BRCA1 variant causing a Fanconi-anemia-like phenotype, a clinical report and review of previous patients. *European Journal of Medical Genetics*, **2018**, 61, 130-133	2.6	22
84	A Novel Homozygous Missense FSHR Variant Associated with Hypergonadotropic Hypogonadism in Two Siblings from a Brazilian Family. *Sexual Development*, **2017**, 11, 137-142	1.6	21
83	POD-1 binding to the E-box sequence inhibits SF-1 and StAR expression in human adrenocortical tumor cells. *Molecular and Cellular Endocrinology*, **2013**, 371, 140-7	4.4	21
82	Expression of LIN28 and its regulatory microRNAs in adult adrenocortical cancer. *Clinical Endocrinology*, **2015**, 82, 481-8	3.4	20
81	Identification of the first homozygous 1-bp deletion in GDF9 gene leading to primary ovarian insufficiency by using targeted massively parallel sequencing. *Clinical Genetics*, **2018**, 93, 408-411	4	20
80	Radiographic Characteristics of Adrenal Masses Preceding the Diagnosis of Adrenocortical Cancer. *Hormones and Cancer*, **2015**, 6, 176-81	5	19
79	Adrenocortical carcinoma and succinate dehydrogenase gene mutations: an observational case series. *European Journal of Endocrinology*, **2017**, 177, 439-444	6.5	19
78	Two Patients with Severe Short Stature due to a FBN1 Mutation (p.Ala1728Val) with a Mild Form of Acromicric Dysplasia. *Hormone Research in Paediatrics*, **2016**, 86, 342-348	3.3	19
77	Genetic Disorders in Prenatal Onset Syndromic Short Stature Identified by Exome Sequencing. *Journal of Pediatrics*, **2019**, 215, 192-198	3.6	18
76	Exome Sequencing Reveals the POLR3H Gene as a Novel Cause of Primary Ovarian Insufficiency. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 2827-2841	5.6	17
75	Transcriptome Analysis Showed a Differential Signature between Invasive and Non-invasive Corticotrophinomas. *Frontiers in Endocrinology*, **2017**, 8, 55	5.7	17
74	On the number of connected components of random algebraic hypersurfaces. *Journal of Geometry and Physics*, **2015**, 95, 1-20	1.2	16
73	The role of fibroblast growth factor receptor 4 overexpression and gene amplification as prognostic markers in pediatric and adult adrenocortical tumors. *Endocrine-Related Cancer*, **2012**, 19, L11-3	5.7	16
72	PDX1 -MODY and dorsal pancreatic agenesis: New phenotype of a rare disease. *Clinical Genetics*, **2018**, 93, 382-386	4	15
71	Low DICER1 expression is associated with poor clinical outcome in adrenocortical carcinoma. *Oncotarget*, **2015**, 6, 22724-33	3.3	15
70	Genetic Evidence of the Association of DEAH-Box Helicase 37 Defects With 46,XY Gonadal Dysgenesis Spectrum. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 5923-5934	5.6	14
69	Increased expression of ACTH (MC2R) and androgen (AR) receptors in giant bilateral myelolipomas from patients with congenital adrenal hyperplasia. *BMC Endocrine Disorders*, **2014**, 14, 42	3.3	14
68	A 46,XX testicular disorder of sex development caused by a WilmsStumour Factor-1 (WT1) pathogenic variant. *Clinical Genetics*, **2019**, 95, 172-176	4	14

67	A novel homozygous 1-bp deletion in the NOBOX gene in two Brazilian sisters with primary ovarian failure. *Endocrine*, **2017**, 58, 442-447	4	12
66	Influence of the fibroblast growth factor receptor 4 expression and the G388R functional polymorphism on Cushing's disease outcome. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, E271-9	5.6	12
65	Mutations in MAP3K1 that cause 46,XY disorders of sex development disrupt distinct structural domains in the protein. *Human Molecular Genetics*, **2019**, 28, 1620-1628	5.6	12
64	Mouse models of adrenocortical tumors. *Molecular and Cellular Endocrinology*, **2016**, 421, 82-97	4.4	11
63	On the Geometry of the Set of Symmetric Matrices with Repeated Eigenvalues. *Arnold Mathematical Journal*, **2018**, 4, 423-443	0.3	10
62	Long-term response to growth hormone therapy in a patient with short stature caused by a novel heterozygous mutation in NPR2. *Journal of Pediatric Endocrinology and Metabolism*, **2017**, 30, 111-116	1.6	9
61	Gap Probabilities and Betti Numbers of a Random Intersection of Quadrics. *Discrete and Computational Geometry*, **2016**, 55, 462-496	0.6	9
60	POD-1/TCF21 Reduces SHP Expression, Affecting LRH-1 Regulation and Cell Cycle Balance in Adrenocortical and Hepatocarcinoma Tumor Cells. *BioMed Research International*, **2015**, 2015, 841784	3	9
59	Clinical and molecular aspects of a pediatric metachronous adrenocortical tumor. *Arquivos Brasileiros De Endocrinologia E Metabologia*, **2011**, 55, 72-7		9
58	DAX1 Overexpression in Pediatric Adrenocortical Tumors: A Synergic Role with SF1 in Tumorigenesis. *Hormone and Metabolic Research*, **2015**, 47, 656-61	3.1	8
57	Significance of Alpha-inhibin Expression in Pheochromocytomas and Paragangliomas. *American Journal of Surgical Pathology*, **2021**, 45, 1264-1273	6.7	8
56	New Insights Into Pheochromocytoma Surveillance of Young Patients With Missense Mutations. *Journal of the Endocrine Society*, **2019**, 3, 1682-1692	0.4	7
55	Pathogenic copy number variants in patients with congenital hypopituitarism associated with complex phenotypes. *Clinical Endocrinology*, **2018**, 88, 425-431	3.4	7
54	Screening of targeted panel genes in Brazilian patients with primary ovarian insufficiency. *PLoS ONE*, **2020**, 15, e0240795	3.7	7
53	Probabilistic Schubert calculus. *Journal Fur Die Reine Und Angewandte Mathematik*, **2020**, 2020, 1-58	1.2	7
52	Phosphodiesterase 2A and 3B variants are associated with primary aldosteronism. *Endocrine-Related Cancer*, **2021**, 28, 1-13	5.7	7
51	CD99 Expression in Glioblastoma Molecular Subtypes and Role in Migration and Invasion. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	6
50	Statins Reduce Intratumor Cholesterol Affecting Adrenocortical Cancer Growth. *Molecular Cancer Therapeutics*, **2020**, 19, 1909-1921	6.1	6

49	New evidences on the regulation of SF-1 expression by POD1/TCF21 in adrenocortical tumor cells. *Clinics*, **2017**, 72, 391-394	2.3	6
48	Genetic diagnosis of congenital hypopituitarism by a target gene panel: novel pathogenic variants in GLI2, OTX2 and GHRHR. *Endocrine Connections*, **2019**, 8, 590-595	3.5	6
47	Germline mutation landscape of multiple endocrine neoplasia type 1 using full gene next-generation sequencing. *European Journal of Endocrinology*, **2018**, 179, 391-407	6.5	6
46	GLUT1 expression in pediatric adrenocortical tumors: a promising candidate to predict clinical behavior. *Oncotarget*, **2017**, 8, 63835-63845	3.3	6
45	Clinical and Genetic Characterization of a Constitutional Delay of Growth and Puberty Cohort. *Neuroendocrinology*, **2020**, 110, 959-966	5.6	6
44	Comprehensive Genetic Analysis of 128 Candidate Genes in a Cohort With Idiopathic, Severe, or Familial Osteoporosis. *Journal of the Endocrine Society*, **2020**, 4, bvaa148	0.4	6
43	Targeted RNAseq of Formalin-Fixed Paraffin-Embedded Tissue to Differentiate Among Benign and Malignant Adrenal Cortical Tumors. *Hormone and Metabolic Research*, **2020**, 52, 607-613	3.1	6
42	Evaluation of SHOX defects in the era of next-generation sequencing. *Clinical Genetics*, **2019**, 96, 261-265	4	5
41	On the geometry of random lemniscates. *Proceedings of the London Mathematical Society*, **2016**, 113, 649-673	1.2	5
40	A missense TCF1 mutation in a patient with mody-3 and liver adenomatosis. *Clinics*, **2010**, 65, 1059-60	2.3	5
39	A Brazilian family with inclusion body myopathy associated with Paget's disease of bone and frontotemporal dementia linked to the VCP pGly97Glu mutation. *Clinical Rheumatology*, **2018**, 37, 1129-1136	3.9	5
38	Regulation of stem and progenitor cells in the adrenal cortex. *Current Opinion in Endocrine and Metabolic Research*, **2019**, 8, 66-71	1.7	4
37	Molecular and Electrophysiological Analyses of ATP2B4 Gene Variants in Bilateral Adrenal Hyperaldosteronism. *Hormones and Cancer*, **2020**, 11, 52-62	5	4
36	Long-term outcomes and molecular analysis of a large cohort of patients with 46,XY disorder of sex development due to partial gonadal dysgenesis. *Clinical Endocrinology*, **2018**, 89, 164-177	3.4	4
35	New strategies for applying targeted therapies to adrenocortical carcinoma. *Current Opinion in Endocrine and Metabolic Research*, **2019**, 8, 72-79	1.7	4
34	Correlation between molecular features and genetic subtypes of Glioblastoma: critical analysis in 109 cases. *Medical Express*, **2017**, 4,		4
33	Long-term Results after CT-Guided Percutaneous Ethanol Ablation for the Treatment of Hyperfunctioning Adrenal Disorders. *Clinics*, **2016**, 71, 600-605	2.3	4
32	Growth and Clinical Characteristics of Children with Floating-Harbor Syndrome: Analysis of Current Original Data and a Review of the Literature. *Hormone Research in Paediatrics*, **2019**, 92, 115-123	3.3	4

31	Recurrent Hyperparathyroidism Due to a Novel CDC73 Splice Mutation. *Journal of Bone and Mineral Research*, **2017**, 32, 1640-1643	6.3	3
30	A novel single amino acid deletion impairs fibronectin function and causes familial glomerulopathy with fibronectin deposits: case report of a family. *BMC Nephrology*, **2019**, 20, 322	2.7	3
29	Genetics of aldosterone-producing adenomas with pathogenic KCNJ5 variants. *Endocrine-Related Cancer*, **2019**, 26, 463-470	5.7	3
28	SELAdb: A database of exonic variants in a Brazilian population referred to a quaternary medical center in São Paulo. *Clinics*, **2020**, 75, e1913	2.3	3
27	Epigenetic regulation of innate immune memory in microglia		3
26	Clinical and Molecular Description of 16 Families With Heterozygous IHH Variants. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	3
25	Late p65 nuclear translocation in glioblastoma cells indicates non-canonical TLR4 signaling and activation of DNA repair genes. *Scientific Reports*, **2021**, 11, 1333	4.9	3
24	APOL1 in an ethnically diverse pediatric population with nephrotic syndrome: implications in focal segmental glomerulosclerosis and other diagnoses. *Pediatric Nephrology*, **2021**, 36, 2327-2336	3.2	3
23	The phenotypic spectrum associated with OTX2 mutations in humans. *European Journal of Endocrinology*, **2021**, 185, 121-135	6.5	3
22	Quantitative Singularity Theory for Random Polynomials. *International Mathematics Research Notices*, **2020**,	0.8	2
21	Molecular profile of Hürthle cell carcinomas: recurrent mutations in the Wnt/β-catenin pathway. *European Journal of Endocrinology*, **2020**, 183, 647-656	6.5	2
20	LOXL3 Silencing Affected Cell Adhesion and Invasion in U87MG Glioma Cells. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
19	Performance of mutation pathogenicity prediction tools on missense variants associated with 46,XY differences of sex development. *Clinics*, **2021**, 76, e2052	2.3	2
18	Female Patient with Alport Syndrome and Concomitant Membranous Nephropathy: Susceptibility or Association of Two Diseases?. *Nephron*, **2017**, 136, 158-162	3.3	1
17	Urinary Sediment Transcriptomic and Longitudinal Data to Investigate Renal Function Decline in Type 1 Diabetes. *Frontiers in Endocrinology*, **2020**, 11, 238	5.7	1
16	The chromatin remodeler complex ATRX-DAXX-H3.3 and telomere length in meningiomas. *Clinical Neurology and Neurosurgery*, **2021**, 210, 106962	2	1
15	Genetic investigation of patients with tall stature. *European Journal of Endocrinology*, **2020**, 182, 139-147	6.5	1
14	Evaluation of Downstream Regulatory Element Antagonistic Modulator Gene in Human Multinodular Goiter. *Medical Science Monitor Basic Research*, **2015**, 21, 179-82	3.2	1

13	Low-Degree Approximation of Random Polynomials. *Foundations of Computational Mathematics*,1	2.7	1
12	Glutaminolysis dynamics during astrocytoma progression correlates with tumor aggressiveness. *Cancer & Metabolism*, **2021**, 9, 18	5.4	1
11	Complexity of intersections of real quadrics and topology of symmetric determinantal varieties. *Journal of the European Mathematical Society*, **2016**, 18, 353-379	1.8	1
10	Random Spectrahedra. *SIAM Journal on Optimization*, **2019**, 29, 2608-2624	2	1
9	Extracellular Matrix Proteome Remodeling in Human Glioblastoma and Medulloblastoma. *Journal of Proteome Research*, **2021**, 20, 4693-4707	5.6	1
8	Epigenetic regulation of innate immune memory in microglia.. *Journal of Neuroinflammation*, **2022**, 19, 111	10.1	1
7	Variants in 46,XY DSD-Related Genes in Syndromic and Non-Syndromic Small for Gestational Age Children with Hypospadias. *Sexual Development*, **2021**, 1-7	1.6	0
6	Genetics of Adrenal Tumors **2014**, 313-321		
5	Targeted massively parallel sequencing for congenital generalized lipodystrophy. *Archives of Endocrinology and Metabolism*, **2021**, 64, 559-566	2.2	
4	Screening of targeted panel genes in Brazilian patients with primary ovarian insufficiency **2020**, 15, e0240795		
3	Screening of targeted panel genes in Brazilian patients with primary ovarian insufficiency **2020**, 15, e0240795		
2	Screening of targeted panel genes in Brazilian patients with primary ovarian insufficiency **2020**, 15, e0240795		
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