Antonio M Lerario

List of Publications by Year
in descending order

131	4,654	159358	118652
papers	citations	30 h-index	62 g-index

140	140	140	6910
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transcriptomic analysis of purified human cortical microglia reveals age-associated changes. Nature Neuroscience, 2017, 20, 1162-1171.	7.1	575
2	Comprehensive Molecular Characterization of Pheochromocytoma and Paraganglioma. Cancer Cell, 2017, 31, 181-193.	7.7	532
3	Comprehensive Pan-Genomic Characterization of Adrenocortical Carcinoma. Cancer Cell, 2016, 29, 723-736.	7.7	482
4	Progression to Adrenocortical Tumorigenesis in Mice and Humans through Insulin-Like Growth Factor 2 and Î²-Catenin. American Journal of Pathology, 2012, 181, 1017-1033.	1.9	154
5	Expression of Insulin-Like Growth Factor-II and Its Receptor in Pediatric and Adult Adrenocortical Tumors. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3524-3531.	1.8	149
6	ARMC5Mutations Are a Frequent Cause of Primary Macronodular Adrenal Hyperplasia. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1501-E1509.	1.8	120
7	Development of Adrenal Cortex Zonation. Endocrinology and Metabolism Clinics of North America, 2015, 44, 243-274.	1.2	116
8	Genetics and epigenetics of adrenocortical tumors. Molecular and Cellular Endocrinology, 2014, 386, 67-84.	1.6	88
9	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, 61-67.	1.9	81
10	BCL11B mutations in patients affected by a neurodevelopmental disorder with reduced type 2 innate lymphoid cells. Brain, 2018, 141, 2299-2311.	3.7	81
11	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, 232-239.	4.9	79
12	Wide spectrum of NR5A1â€related phenotypes in 46,XY and 46,XX individuals. Birth Defects Research Part C: Embryo Today Reviews, 2016, 108, 309-320.	3.6	76
13	A ZNRF3-dependent Wnt/Î²-catenin signaling gradient is required for adrenal homeostasis. Genes and Development, 2019, 33, 209-220.	2.7	74
14	11-ketotestosterone is the dominant circulating bioactive androgen during normal and premature adrenarche. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 4589-4598.	1.8	73
15	New genetic findings in a large cohort of congenital hypogonadotropic hypogonadism. European Journal of Endocrinology, 2019, 181, 103-119.	1.9	70
16	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, 1458-1462.	1.8	66
17	Sonic Hedgehog and WNT Signaling Promote Adrenal Gland Regeneration in Male Mice. Endocrinology, 2018, 159, 579-596.	1.4	64
18	Multigene Sequencing Analysis of Children Born Small for Gestational Age With Isolated Short Stature. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2023-2030.	1.8	55

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19	Targeted Assessment of G0S2 Methylation Identifies a Rapidly Recurrent, Routinely Fatal Molecular Subtype of Adrenocortical Carcinoma. Clinical Cancer Research, 2019, 25, 3276-3288.	3.2	51
20	Mutations in C-natriuretic peptide (NPPC): a novel cause of autosomal dominant short stature. Genetics in Medicine, 2018, 20, 91-97.	1.1	49
21	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.	1.8	48
22	Molecular Mechanisms of Stem/Progenitor Cell Maintenance in the Adrenal Cortex. Frontiers in Endocrinology, 2017, 8, 52.	1.5	42
23	Genetics of primary macronodular adrenal hyperplasia. Journal of Endocrinology, 2015, 224, R31-R43.	1.2	41
24	Therapeutic Targets for Adrenocortical Carcinoma in the Genomics Era. Journal of the Endocrine Society, 2018, 2, 1259-1274.	0.1	38
25	Advanced prostate cancer as a cause of oncogenic osteomalacia: an underdiagnosed condition. Supportive Care in Cancer, 2012, 20, 2195-2197.	1.0	36
26	Novel SUZ12 mutations in Weaverâ€like syndrome. Clinical Genetics, 2018, 94, 461-466.	1.0	36
27	Genetic Disorders in Prenatal Onset Syndromic Short Stature Identified by Exome Sequencing. Journal of Pediatrics, 2019, 215, 192-198.	0.9	36
28	Age-dependent Increases in Adrenal Cytochrome b5 and Serum 5-Androstenediol-3-sulfate. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 4585-4593.	1.8	34
29	A new POT1 germline mutationâ€”expanding the spectrum of POT1-associated cancers. Familial Cancer, 2017, 16, 561-566.	0.9	34
30	Metabolic reprogramming: a new relevant pathway in adult adrenocortical tumors. Oncotarget, 2015, 6, 44403-44421.	0.8	34
31	¹⁸F-FDG-PET/CT Imaging of ACTH-Independent Macronodular Adrenocortical Hyperplasia (AIMAH) Demonstrating Increased¹⁸F-FDG Uptake. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 3300-3301.	1.8	31
32	Two rare loss-of-function variants in the STAG3 gene leading to primary ovarian insufficiency. European Journal of Medical Genetics, 2019, 62, 186-189.	0.7	30
33	Epigenetic regulation of innate immune memory in microglia. Journal of Neuroinflammation, 2022, 19, 111.	3.1	30
34	Complete Resolution of Hypercortisolism with Sorafenib in a Patient with Advanced Medullary Thyroid Carcinoma and Ectopic ACTH (Adrenocorticotropic Hormone) Syndrome. Thyroid, 2014, 24, 1062-1066.	2.4	29
35	Identification of the first homozygous 1â€bp deletion in GDF9 gene leading to primary ovarian insufficiency by using targeted massively parallel sequencing. Clinical Genetics, 2018, 93, 408-411.	1.0	29
36	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.	0.7	29

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37	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, 140-147.	1.6	28
38	Exome Sequencing Reveals the POLR3H Gene as a Novel Cause of Primary Ovarian Insufficiency. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2827-2841.	1.8	28
39	A Novel Homozygous Missense <i>FSHR</i> Variant Associated with Hypergonadotropic Hypogonadism in Two Siblings from a Brazilian Family. Sexual Development, 2017, 11, 137-142.	1.1	26
40	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.	1.8	26
41	Expression of <scp>LIN</scp>28 and its regulatory micro<scp>RNA</scp>s in adult adrenocortical cancer. Clinical Endocrinology, 2015, 82, 481-488.	1.2	25
42	<scp>PDX1</scp>â€<scp>MODY</scp> and dorsal pancreatic agenesis: New phenotype of a rare disease. Clinical Genetics, 2018, 93, 382-386.	1.0	25
43	Transcriptome Analysis Showed a Differential Signature between Invasive and Non-invasive Corticotrophinomas. Frontiers in Endocrinology, 2017, 8, 55.	1.5	24
44	A 46,XX testicular disorder of sex development caused by a Wilms' tumour Factorâ€1 (WT1) pathogenic variant. Clinical Genetics, 2019, 95, 172-176.	1.0	24
45	On the number of connected components of random algebraic hypersurfaces. Journal of Geometry and Physics, 2015, 95, 1-20.	0.7	23
46	Radiographic Characteristics of Adrenal Masses Preceding the Diagnosis of Adrenocortical Cancer. Hormones and Cancer, 2015, 6, 176-181.	4.9	23
47	Adrenocortical carcinoma and succinate dehydrogenase gene mutations: an observational case series. European Journal of Endocrinology, 2017, 177, 439-444.	1.9	23
48	Two Patients with Severe Short Stature due to a <i>FBN1</i> Mutation (p.Ala1728Val) with a Mild Form of Acromicric Dysplasia. Hormone Research in Paediatrics, 2016, 86, 342-348.	0.8	22
49	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.	1.4	21
50	Screening of targeted panel genes in Brazilian patients with primary ovarian insufficiency. PLoS ONE, 2020, 15, e0240795.	1.1	21
51	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-L13.	1.6	19
52	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.	0.9	19
53	Significance of Alpha-inhibin Expression in Pheochromocytomas and Paragangliomas. American Journal of Surgical Pathology, 2021, 45, 1264-1273.	2.1	19
54	Low DICER1 expression is associated with poor clinical outcome in adrenocortical carcinoma. Oncotarget, 2015, 6, 22724-22733.	0.8	18

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55	Influence of the Fibroblast Growth Factor Receptor 4 Expression and the G388R Functional Polymorphism on Cushingâ€™s Disease Outcome. Journal of Clinical Endocrinology and Metabolism, 2010, 95, E271-E279.	1.8	17
56	A novel homozygous 1-bp deletion in the NOBOX gene in two Brazilian sisters with primary ovarian failure. Endocrine, 2017, 58, 442-447.	1.1	17
57	Phosphodiesterase 2A and 3B variants are associated with primary aldosteronism. Endocrine-Related Cancer, 2021, 28, 1-13.	1.6	17
58	CD99 Expression in Glioblastoma Molecular Subtypes and Role in Migration and Invasion. International Journal of Molecular Sciences, 2019, 20, 1137.	1.8	16
59	New Insights Into Pheochromocytoma Surveillance of Young Patients With VHL Missense Mutations. Journal of the Endocrine Society, 2019, 3, 1682-1692.	0.1	15
60	Probabilistic Schubert calculus. Journal Fur Die Reine Und Angewandte Mathematik, 2020, 2020, 1-58.	0.4	15
61	The phenotypic spectrum associated with OTX2 mutations in humans. European Journal of Endocrinology, 2021, 185, 121-135.	1.9	15
62	SELAdb: A database of exonic variants in a Brazilian population referred to a quaternary medical center in SÃ£o Paulo. Clinics, 2020, 75, e1913.	0.6	15
63	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.	0.4	14
64	Glutaminolysis dynamics during astrocytoma progression correlates with tumor aggressiveness. Cancer & Metabolism, 2021, 9, 18.	2.4	14
65	Germline mutation landscape of multiple endocrine neoplasia type 1 using full gene next-generation sequencing. European Journal of Endocrinology, 2018, 179, 391-407.	1.9	14
66	Mouse models of adrenocortical tumors. Molecular and Cellular Endocrinology, 2016, 421, 82-97.	1.6	13
67	Longâ€term outcomes and molecular analysis of a large cohort of patients with 46,<scp>XY</scp> disorder of sex development due to partial gonadal dysgenesis. Clinical Endocrinology, 2018, 89, 164-177.	1.2	13
68	Clinical and molecular aspects of a pediatric metachronous adrenocortical tumor. Arquivos Brasileiros De Endocrinologia E Metabologia, 2011, 55, 72-77.	1.3	13
69	Gap Probabilities and Betti Numbers of a Random Intersection of Quadrics. Discrete and Computational Geometry, 2016, 55, 462-496.	0.4	12
70	On the Geometry of the Set of Symmetric Matrices with Repeated Eigenvalues. Arnold Mathematical Journal, 2018, 4, 423-443.	0.2	12
71	Statins Reduce Intratumor Cholesterol Affecting Adrenocortical Cancer Growth. Molecular Cancer Therapeutics, 2020, 19, 1909-1921.	1.9	12
72	Extracellular Matrix Proteome Remodeling in Human Glioblastoma and Medulloblastoma. Journal of Proteome Research, 2021, 20, 4693-4707.	1.8	12

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73	Pathogenic copy number variants in patients with congenital hypopituitarism associated with complex phenotypes. Clinical Endocrinology, 2018, 88, 425-431.	1.2	11
74	Comprehensive Genetic Analysis of 128 Candidate Genes in a Cohort With Idiopathic, Severe, or Familial Osteoporosis. Journal of the Endocrine Society, 2020, 4, bvaa148.	0.1	11
75	Contribution of Clinical and Genetic Approaches for Diagnosing 209 Index Cases With 46,XY Differences of Sex Development. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e1797-e1806.	1.8	11
76	POD-1/TCF21Reduces SHP Expression, AffectingLRH-1Regulation and Cell Cycle Balance in Adrenocortical and Hepatocarcinoma Tumor Cells. BioMed Research International, 2015, 2015, 1-9.	0.9	10
77	Clinical and Genetic Characterization of a Constitutional Delay of Growth and Puberty Cohort. Neuroendocrinology, 2020, 110, 959-966.	1.2	10
78	Late p65 nuclear translocation in glioblastoma cells indicates non-canonical TLR4 signaling and activation of DNA repair genes. Scientific Reports, 2021, 11, 1333.	1.6	10
79	Performance of mutation pathogenicity prediction tools on missense variants associated with 46,XY differences of sex development. Clinics, 2021, 76, e2052.	0.6	10
80	Genetic diagnosis of congenital hypopituitarism by a target gene panel: novel pathogenic variants in GLI2, OTX2 and GHRHR. Endocrine Connections, 2019, 8, 590-595.	0.8	10
81	DAX1 Overexpression in Pediatric Adrenocortical Tumors: A Synergic Role with SF1 in Tumorigenesis. Hormone and Metabolic Research, 2015, 47, 656-661.	0.7	9
82	Evaluation of SHOX defects in the era of nextâ€generation sequencing. Clinical Genetics, 2019, 96, 261-265.	1.0	9
83	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.	0.7	9
84	Update on Biology and Genomics of Adrenocortical Carcinomas: Rationale for Emerging Therapies. Endocrine Reviews, 2022, 43, 1051-1073.	8.9	9
85	On the geometry of random lemniscates. Proceedings of the London Mathematical Society, 2016, 113, 649-673.	0.6	8
86	A Brazilian family with inclusion body myopathy associated with Pagetâ€™s disease of bone and frontotemporal dementia linked to the VCP pGly97Glu mutation. Clinical Rheumatology, 2018, 37, 1129-1136.	1.0	8
87	Molecular and Electrophysiological Analyses of ATP2B4 Gene Variants in Bilateral Adrenal Hyperaldosteronism. Hormones and Cancer, 2020, 11, 52-62.	4.9	8
88	APOL1 in an ethnically diverse pediatric population with nephrotic syndrome: implications in focal segmental glomerulosclerosis and other diagnoses. Pediatric Nephrology, 2021, 36, 2327-2336.	0.9	8
89	GLUT1 expression in pediatric adrenocortical tumors: a promising candidate to predict clinical behavior. Oncotarget, 2017, 8, 63835-63845.	0.8	8
90	Regulation of stem and progenitor cells in the adrenal cortex. Current Opinion in Endocrine and Metabolic Research, 2019, 8, 66-71.	0.6	7

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91	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.	0.8	7
92	Urinary Sediment Transcriptomic and Longitudinal Data to Investigate Renal Function Decline in Type 1 Diabetes. Frontiers in Endocrinology, 2020, 11, 238.	1.5	7
93	Low-Degree Approximation of Random Polynomials. Foundations of Computational Mathematics, 2022, 22, 77-97.	1.5	7
94	LOXL3 Silencing Affected Cell Adhesion and Invasion in U87MG Glioma Cells. International Journal of Molecular Sciences, 2021, 22, 8072.	1.8	7
95	Molecular profile of HÃ¼rthle cell carcinomas: recurrent mutations in the Wnt/Î²-catenin pathway. European Journal of Endocrinology, 2020, 183, 647-656.	1.9	7
96	Genetics of aldosterone-producing adenomas with pathogenic KCNJ5 variants. Endocrine-Related Cancer, 2019, 26, 463-470.	1.6	7
97	A missense TCF1 mutation in a patient with mody-3 and liver adenomatosis. Clinics, 2010, 65, 1059-1060.	0.6	7
98	Long-term Results after CT-Guided Percutaneous Ethanol Ablation for the Treatment of Hyperfunctioning Adrenal Disorders. Clinics, 2016, 71, 600-605.	0.6	6
99	New evidences on the regulation of SF-1 expression by POD1/TCF21 in adrenocortical tumor cells. Clinics, 2017, 72, 391-394.	0.6	6
100	New strategies for applying targeted therapies to adrenocortical carcinoma. Current Opinion in Endocrine and Metabolic Research, 2019, 8, 72-79.	0.6	6
101	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.	0.8	6
102	Clinical and Molecular Description of 16 Families With Heterozygous IHH Variants. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 2654-2666.	1.8	6
103	Quantitative Singularity Theory for Random Polynomials. International Mathematics Research Notices, 2020, , .	0.5	5
104	Recurrent Hyperparathyroidism Due to a Novel CDC73 Splice Mutation. Journal of Bone and Mineral Research, 2017, 32, 1640-1643.	3.1	4
105	Correlation between molecular features and genetic subtypes of Glioblastoma: critical analysis in 109 cases. Medical Express, 2017, 4, .	0.2	4
106	High Prevalence of Alterations in DNA Mismatch Repair Genes of Lynch Syndrome in Pediatric Patients with Adrenocortical Tumors Carrying a Germline Mutation on TP53. Cancers, 2020, 12, 621.	1.7	4
107	The chromatin remodeler complex ATRX-DAXX-H3.3 and telomere length in meningiomas. Clinical Neurology and Neurosurgery, 2021, 210, 106962.	0.6	4
108	Complexity of intersections of real quadrics and topology of symmetric determinantal varieties. Journal of the European Mathematical Society, 2016, 18, 353-379.	0.7	3

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109	Variants in 46,XY DSD-Related Genes in Syndromic and Non-Syndromic Small for Gestational Age Children with Hypospadias. Sexual Development, 2022, 16, 27-33.	1.1	3
110	Genetic investigation of patients with tall stature. European Journal of Endocrinology, 2020, 182, 139-147.	1.9	3
111	Abstract 2976: Comprehensive Pan-Genomic characterization of adrenocortical carcinoma. , 2015, , .		2
112	Drug repurposing using high-throughput screening identifies a promising drug combination to treat adrenocortical carcinoma. Oncotarget, 2018, 9, 33245-33246.	0.8	2
113	Cellular Model of Malignant Transformation of Primary Human Astrocytes Induced by Deadhesion/Readhesion Cycles. International Journal of Molecular Sciences, 2022, 23, 4471.	1.8	2
114	Female Patient with Alport Syndrome and Concomitant Membranous Nephropathy: Susceptibility or Association of Two Diseases?. Nephron, 2017, 136, 158-162.	0.9	1
115	Random Spectrahedra. SIAM Journal on Optimization, 2019, 29, 2608-2624.	1.2	1
116	Evaluation of Downstream Regulatory Element Antagonistic Modulator Gene in Human Multinodular Goiter. Medical Science Monitor Basic Research, 2015, 21, 179-182.	2.6	1
117	SAT-LB34 Repressive Epigenetic Programs Reinforce Steroidogenic Differentiation and Wnt/Î²-Catenin Signaling in Aggressive Adrenocortical Carcinoma. Journal of the Endocrine Society, 2020, 4, .	0.1	1
118	Genetics of Adrenal Tumors. , 2014, , 313-321.		0
119	SAT-LB57 The Spectrum of Genomic and Transcriptomic Alterations in ACTH-Producing and ACTH-Silent Corticotroph Adenomas. Journal of the Endocrine Society, 2020, 4, .	0.1	0
120	Abstract 899: CD99 plays an important role in glioblastoma cell migration. , 2017, , .		0
121	Abstract 2958: Transcriptome analysis of astrocytomaversusnon-neoplastic human microglia. , 2017, , .		0
122	Abstract 5378: Whole exome and RNA sequencing identify novel somatic mutations in gangliogliomas. , 2018, , .		0
123	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, .	0.1	0
124	MON-207 Identification of Monogenic Causes of Polycystic Ovary Syndrome by High Throughput Sequencing. Journal of the Endocrine Society, 2019, 3, .	0.1	0
125	Targeted massively parallel sequencing for congenital generalized lipodystrophy. Archives of Endocrinology and Metabolism, 2020, 64, 559-566.	0.3	0
126	Screening of targeted panel genes in Brazilian patients with primary ovarian insufficiency. , 2020, 15, e0240795.		0

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127	Screening of targeted panel genes in Brazilian patients with primary ovarian insufficiency. , 2020, 15, e0240795.		0
128	Screening of targeted panel genes in Brazilian patients with primary ovarian insufficiency. , 2020, 15, e0240795.		0
129	Screening of targeted panel genes in Brazilian patients with primary ovarian insufficiency. , 2020, 15, e0240795.		0
130	Intestinal epithelial CARâ€Like Membrane Protein promotes mucosal barrier function and prevents colitisâ€associated cancer in mice. FASEB Journal, 2022, 36, .	0.2	0
131	Betti numbers of random hypersurface arrangements. Journal of the London Mathematical Society, 0, , .	0.5	0