Luca Persani

List of Publications by Citations

369 papers	12,844 citations	64 h-index	95 g-index
460 ext. papers	14,936 ext. citations	5.1 avg, IF	6.53 L-index

#	Paper	IF	Citations
369	Hypergonadotropic ovarian failure associated with an inherited mutation of human bone morphogenetic protein-15 (BMP15) gene. *American Journal of Human Genetics*, **2004**, 75, 106-11	11	388
368	Persistent cAMP-signals triggered by internalized G-protein-coupled receptors. *PLoS Biology*, **2009**, 7, e1000172	9.7	370
367	Thyrotropin-secreting pituitary tumors. *Endocrine Reviews*, **1996**, 17, 610-38	27.2	323
366	Premature ovarian failure. *Orphanet Journal of Rare Diseases*, **2006**, 1, 9	4.2	195
365	Signaling by internalized G-protein-coupled receptors. *Trends in Pharmacological Sciences*, **2010**, 31, 221-8	13.2	193
364	Autoimmunity and thyroid function in patients with chronic active hepatitis treated with recombinant interferon alpha-2a. *European Journal of Endocrinology*, **1995**, 132, 587-93	6.5	186
363	Clinical review: Central hypothyroidism: pathogenic, diagnostic, and therapeutic challenges. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, 3068-78	5.6	172
362	Identification of new variants of human BMP15 gene in a large cohort of women with premature ovarian failure. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 1976-9	5.6	171
361	A 7-year experience with low blood TSH cutoff levels for neonatal screening reveals an unsuspected frequency of congenital hypothyroidism (CH). *Clinical Endocrinology*, **2009**, 71, 739-45	3.4	168
360	Genes involved in human premature ovarian failure. *Journal of Molecular Endocrinology*, **2010**, 45, 257-79	4.5	165
359	Luteinizing hormone signaling in preovulatory follicles involves early activation of the epidermal growth factor receptor pathway. *Molecular Endocrinology*, **2008**, 22, 924-36		159
358	X chromosome monosomy: a common mechanism for autoimmune diseases. *Journal of Immunology* , **2005**, 175, 575-8	5.3	157
357	Loss-of-function mutations in IGSF1 cause an X-linked syndrome of central hypothyroidism and testicular enlargement. *Nature Genetics*, **2012**, 44, 1375-81	36.3	147
356	The fundamental role of bone morphogenetic protein 15 in ovarian function and its involvement in female fertility disorders. *Human Reproduction Update*, **2014**, 20, 869-83	15.8	146
355	A meta-analysis of thyroid-related traits reveals novel loci and gender-specific differences in the regulation of thyroid function. *PLoS Genetics*, **2013**, 9, e1003266	6	146
354	Klinefelter syndrome (KS): genetics, clinical phenotype and hypogonadism. *Journal of Endocrinological Investigation*, **2017**, 40, 123-134	5.2	144
353	Thyroid gland development and function in the zebrafish model. *Molecular and Cellular Endocrinology*, **2009**, 312, 14-23	4.4	144

352	Pituitary tumours: TSH-secreting adenomas. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2009**, 23, 597-606	6.5	142
351	Biallelic inactivation of the dual oxidase maturation factor 2 (DUOXA2) gene as a novel cause of congenital hypothyroidism. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 605-10	5.6	142
350	A novel mutation in the bone morphogenetic protein 15 gene causing defective protein secretion is associated with both increased ovulation rate and sterility in Lacaune sheep. *Endocrinology*, **2007**, 148, 393-400	4.8	140
349	Regulation of ovulation rate in mammals: contribution of sheep genetic models. *Reproductive Biology and Endocrinology*, **2006**, 4, 20	5	121
348	Germline mutations of TSH receptor gene as cause of nonautoimmune subclinical hypothyroidism. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 2549-55	5.6	115
347	Genetics of primary ovarian insufficiency. *Clinical Genetics*, **2017**, 91, 183-198	4	111
346	Minimally-invasive treatments for benign thyroid nodules: a Delphi-based consensus statement from the Italian minimally-invasive treatments of the thyroid (MITT) group. *International Journal of Hyperthermia*, **2019**, 36, 376-382	3.7	105
345	BMP15 mutations associated with primary ovarian insufficiency cause a defective production of bioactive protein. *Human Mutation*, **2009**, 30, 804-10	4.7	101
344	Genome-wide association studies identify two novel BMP15 mutations responsible for an atypical hyperprolificacy phenotype in sheep. *PLoS Genetics*, **2013**, 9, e1003482	6	96
343	Multiple endocrine neoplasia type 2 syndromes (MEN 2): results from the ItaMEN network analysis on the prevalence of different genotypes and phenotypes. *European Journal of Endocrinology*, **2010**, 163, 301-8	6.5	95
342	Intracellular entrapment of wild-type TSH receptor by oligomerization with mutants linked to dominant TSH resistance. *Human Molecular Genetics*, **2005**, 14, 2991-3002	5.6	94
341	Evaluation of the adequacy of levothyroxine replacement therapy in patients with central hypothyroidism. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 924-9	5.6	94
340	An alternate translation initiation site circumvents an amino-terminal DAX1 nonsense mutation leading to a mild form of X-linked adrenal hypoplasia congenita. *Journal of Clinical Endocrinology and Metabolism*, **2003**, 88, 417-23	5.6	93
339	Persistent mild hypothyroidism associated with novel sequence variants of the DUOX2 gene in two siblings. *Human Mutation*, **2005**, 26, 395	4.7	92
338	Mutation of somatostatin receptor type 5 in an acromegalic patient resistant to somatostatin analog treatment. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 3809-14	5.6	91
337	Circulating thyrotropin bioactivity in sporadic central hypothyroidism. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 3631-5	5.6	91
336	Variable biological activity of thyroid-stimulating hormone. *European Journal of Endocrinology*, **1994**, 131, 331-40	6.5	90
335	Evaluation of the Adequacy of Levothyroxine Replacement Therapy in Patients with Central Hypothyroidism. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 924-929	5.6	89

334	Circulating Thyrotropin Bioactivity in Sporadic Central Hypothyroidism. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 3631-3635	5.6	88
333	Primary Ovarian Insufficiency: X chromosome defects and autoimmunity. *Journal of Autoimmunity*, **2009**, 33, 35-41	15.5	87
332	A family with complete resistance to thyrotropin-releasing hormone. *New England Journal of Medicine*, **2009**, 360, 731-4	59.2	84
331	Two novel mutations in the thyrotropin (TSH) receptor gene in a child with resistance to TSH. *Journal of Clinical Endocrinology and Metabolism*, **1997**, 82, 1094-100	5.6	84
330	Congenital hypothyroidism with eutopic thyroid gland: analysis of clinical and biochemical features at diagnosis and after re-evaluation. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, 1395-402	5.6	82
329	Hypogonadotropic hypogonadism as a presenting feature of late-onset X-linked adrenal hypoplasia congenita. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 44-8	5.6	82
328	Criteria of cure and follow-up of central hyperthyroidism due to thyrotropin-secreting pituitary adenomas. *Journal of Clinical Endocrinology and Metabolism*, **1996**, 81, 3084-3090	5.6	81
327	PI3K/Akt/mTOR signaling in medullary thyroid cancer: a promising molecular target for cancer therapy. *Endocrine*, **2015**, 48, 363-70	4	79
326	SUN-614 Prediction of Hypertension, Diabetes and Fractures in Eucortisolemic Women by Measuring Parameters of Cortisol Milieu. *Journal of the Endocrine Society*, **2020**, 4,	0.4	78
325	Two Novel Mutations in the Thyrotropin (TSH) Receptor Gene in a Child with Resistance to TSH. *Journal of Clinical Endocrinology and Metabolism*, **1997**, 82, 1094-1100	5.6	78
324	MON-273 Retrospective Analysis of Gonadotropin-Mediated Pubertal Induction in Male Patients with Congenital Hypogonadotropic Hypogonadism (CHH). *Journal of the Endocrine Society*, **2020**, 4,	0.4	78
323	OR06-5 Genetic Origin Of Classic And Milder Adult-onset Forms Of Isolated Hypogonadotropic Hypogonadism. *Journal of the Endocrine Society*, **2019**, 3,	0.4	78
322	SUN-070 European Registries for Rare Endocrine Conditions (EuRRECa): Results from the Platform for E-reporting of Rare Endocrine Conditions (e-REC). *Journal of the Endocrine Society*, **2020**, 4,	0.4	78
321	Analysis of BMP15-Induced Transcriptome in Human Granulosa Cells for the Identification of Novel Candidate Genes for Primary Ovarian Insufficiency. *Journal of the Endocrine Society*, **2021**, 5, A763-A764	0.4	78
320	Criteria of cure and follow-up of central hyperthyroidism due to thyrotropin-secreting pituitary adenomas. *Journal of Clinical Endocrinology and Metabolism*, **1996**, 81, 3084-90	5.6	77
319	2018 European Thyroid Association (ETA) Guidelines on the Diagnosis and Management of Central Hypothyroidism. *European Thyroid Journal*, **2018**, 7, 225-237	4.2	75
318	Medical management of thyrotropin-secreting pituitary adenomas. *Pituitary*, **2002**, 5, 83-8	4.3	75
317	Refining calcium test for the diagnosis of medullary thyroid cancer: cutoffs, procedures, and safety. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 1656-64	5.6	73

316	Advances in the Molecular Pathophysiology, Genetics, and Treatment of Primary Ovarian Insufficiency. *Trends in Endocrinology and Metabolism*, **2018**, 29, 400-419	8.8	72
315	Genetics and phenomics of hypothyroidism due to TSH resistance. *Molecular and Cellular Endocrinology*, **2010**, 322, 72-82	4.4	71
314	Activator protein-1 and smad proteins synergistically regulate human follicle-stimulating hormone beta-promoter activity. *Endocrinology*, **2008**, 149, 5577-91	4.8	71
313	The IGSF1 deficiency syndrome: characteristics of male and female patients. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, 4942-52	5.6	70
312	Structural differences in the hinge region of the glycoprotein hormone receptors: evidence from the sulfated tyrosine residues. *Molecular Endocrinology*, **2006**, 20, 3351-63		69
311	Metabolic syndrome induces inflammation and impairs gonadotropin-releasing hormone neurons in the preoptic area of the hypothalamus in rabbits. *Molecular and Cellular Endocrinology*, **2014**, 382, 107-119	4.4	68
310	Constitutively active Gs alpha is associated with an increased phosphodiesterase activity in human growth hormone-secreting adenomas. *Journal of Clinical Endocrinology and Metabolism*, **1998**, 83, 1624-8	5.6	68
309	A frequent oligogenic involvement in congenital hypothyroidism. *Human Molecular Genetics*, **2017**, 26, 2507-2514	5.6	67
308	Hypothalamic thyrotropin-releasing hormone and thyrotropin biological activity. *Thyroid*, **1998**, 8, 941-6	6.2	67
307	Glycoprotein hormone alpha-subunit in pituitary adenomas. *Trends in Endocrinology and Metabolism* , **1992**, 3, 41-5	8.8	66
306	Molecular analysis of the Pendred's syndrome gene and magnetic resonance imaging studies of the inner ear are essential for the diagnosis of true Pendred's syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 2469-75	5.6	65
305	Different responses to chronic somatostatin analogues in patients with central hyperthyroidism. *Clinical Endocrinology*, **2005**, 62, 176-81	3.4	64
304	Thyrotropin-secreting pituitary tumors **1996**, 17, 610-638		64
303	Changes in the Degree of Sialylation of Carbohydrate Chains Modify the Biological Properties of Circulating Thyrotropin Isoforms in Various Physiological and Pathological States. *Journal of Clinical Endocrinology and Metabolism*, **1998**, 83, 2486-2492	5.6	64
302	Lack of effects of circulating thyroid hormone levels on serum leptin concentrations. *European Journal of Endocrinology*, **1997**, 137, 659-63	6.5	63
301	Central hypothyroidism. *Pituitary*, **2008**, 11, 181-6	4.3	62
300	The clinical and molecular characterization of patients with dyshormonogenic congenital hypothyroidism reveals specific diagnostic clues for DUOX2 defects. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, E544-53	5.6	61
299	Clinical and hormonal outcome after two years of triiodothyroacetic acid treatment in a child with thyroid hormone resistance. *Thyroid*, **1997**, 7, 775-8	6.2	61

298	Changes in the degree of sialylation of carbohydrate chains modify the biological properties of circulating thyrotropin isoforms in various physiological and pathological states. *Journal of Clinical Endocrinology and Metabolism*, **1998**, 83, 2486-92	5.6	61
297	New understandings of the genetic basis of isolated idiopathic central hypogonadism. *Asian Journal of Andrology*, **2012**, 14, 49-56	2.8	60
296	Patient-derived xenograft in zebrafish embryos: a new platform for translational research in neuroendocrine tumors. *Endocrine*, **2017**, 57, 214-219	4	59
295	Monoallelic expression of mutant thyroid peroxidase allele causing total iodide organification defect. *Journal of Clinical Endocrinology and Metabolism*, **2003**, 88, 3264-71	5.6	58
294	Hyperplastic pituitary gland, high serum glycoprotein hormone alpha-subunit, and variable circulating thyrotropin (TSH) levels as hallmark of central hypothyroidism due to mutations of the TSH beta gene. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 1600-4	5.6	56
293	Congenital Hypothyroidism: A 2020-2021 Consensus Guidelines Update-An ENDO-European Reference Network Initiative Endorsed by the European Society for Pediatric Endocrinology and the European Society for Endocrinology. *Thyroid*, **2021**, 31, 387-419	6.2	56
292	Characteristics of a nationwide cohort of patients presenting with isolated hypogonadotropic hypogonadism (IHH). *European Journal of Endocrinology*, **2018**, 178, 23-32	6.5	54
291	Lack of expression of endometrial prolactin in early implantation failure: a pilot study. *Human Reproduction*, **2004**, 19, 1911-6	5.7	54
290	Molecular Analysis of the Pendred's Syndrome Gene and Magnetic Resonance Imaging Studies of the Inner Ear Are Essential for the Diagnosis of True Pendred's Syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 2469-2475	5.6	54
289	Induction of specific phosphodiesterase isoforms by constitutive activation of the cAMP pathway in autonomous thyroid adenomas. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 2872-8	5.6	53
288	Klinefelter syndrome: cardiovascular abnormalities and metabolic disorders. *Journal of Endocrinological Investigation*, **2017**, 40, 705-712	5.2	52
287	Syndromes of hormone resistance in the hypothalamic-pituitary-thyroid axis. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2006**, 20, 529-46	6.5	52
286	Constitutively Active Gs´Is Associated with an Increased Phosphodiesterase Activity in Human Growth Hormone-Secreting Adenomas. *Journal of Clinical Endocrinology and Metabolism*, **1998**, 83, 1624-1628	5.6	51
285	IGSF1 Deficiency: Lessons From an Extensive Case Series and Recommendations for Clinical Management. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 1627-36	5.6	51
284	Expression and biological effects of bone morphogenetic protein-15 in the hen ovary. *Journal of Endocrinology*, **2007**, 194, 485-97	4.7	49
283	Prenatal diagnosis of thyroid hormone resistance. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 405-10	5.6	49
282	Evidence for the secretion of thyrotropin with enhanced bioactivity in syndromes of thyroid hormone resistance. *Journal of Clinical Endocrinology and Metabolism*, **1994**, 78, 1034-9	5.6	49
281	Multiple endocrine neoplasia syndrome type 1: institution, management, and data analysis of a nationwide multicenter patient database. *Endocrine*, **2017**, 58, 349-359	4	48

280	Increased loss of the Y chromosome in peripheral blood cells in male patients with autoimmune thyroiditis. *Journal of Autoimmunity*, **2012**, 38, J193-6	15.5	47
279	Resistance to Thyrotropin (TSH) in Three Families Is not Associated with Mutations in the TSH Receptor or TSH. *Journal of Clinical Endocrinology and Metabolism*, **1997**, 82, 3933-3940	5.6	47
278	Variable carbohydrate structures of circulating thyrotropin as studied by lectin affinity chromatography in different clinical conditions. *Journal of Clinical Endocrinology and Metabolism*, **1993**, 77, 393-8	5.6	47
277	Resistance to thyrotropin (TSH) in three families is not associated with mutations in the TSH receptor or TSH. *Journal of Clinical Endocrinology and Metabolism*, **1997**, 82, 3933-40	5.6	46
276	Indium-111 pentetreotide single-photon emission tomography in patients with TSH-secreting pituitary adenomas: correlation with the effect of a single administration of octreotide on serum TSH levels. *European Journal of Nuclear Medicine and Molecular Imaging*, **1997**, 24, 728-31		45
275	X monosomy in female systemic lupus erythematosus. *Annals of the New York Academy of Sciences*, **2007**, 1110, 84-91	6.5	45
274	Hyperplastic Pituitary Gland, High Serum Glycoprotein Hormone ´-Subunit, and Variable Circulating Thyrotropin (TSH) Levels as Hallmark of Central Hypothyroidism due to Mutations of the TSH´ Gene. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 1600-1604	5.6	45
273	Classification and proposed nomenclature for inherited defects of thyroid hormone action, cell transport, and metabolism. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 768-70	5.6	44
272	Pituitary resistance to thyroid hormones. *Hormone Research*, **1992**, 38, 66-72		44
271	Evidence for the secretion of thyrotropin with enhanced bioactivity in syndromes of thyroid hormone resistance. *Journal of Clinical Endocrinology and Metabolism*, **1994**, 78, 1034-1039	5.6	44
270	Induction of Specific Phosphodiesterase Isoforms by Constitutive Activation of the cAMP Pathway in Autonomous Thyroid Adenomas. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 2872-2878	5.6	44
269	Variable carbohydrate structures of circulating thyrotropin as studied by lectin affinity chromatography in different clinical conditions. *Journal of Clinical Endocrinology and Metabolism*, **1993**, 77, 393-398	5.6	43
268	Frequent TSH receptor genetic alterations with variable signaling impairment in a large series of children with nonautoimmune isolated hyperthyrotropinemia. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, E156-60	5.6	42
267	Standardized Ultrasound Report for Thyroid Nodules: The Endocrinologist's Viewpoint. *European Thyroid Journal*, **2013**, 2, 37-48	4.2	41
266	Mutations involving the SRY-related gene SOX8 are associated with a spectrum of human reproductive anomalies. *Human Molecular Genetics*, **2018**, 27, 1228-1240	5.6	40
265	Measurement of cAMP accumulation in Chinese hamster ovary cells transfected with the recombinant human TSH receptor (CHO-R): a new bioassay for human thyrotropin. *Journal of Endocrinological Investigation*, **1993**, 16, 511-9	5.2	40
264	Recurrent EZH1 mutations are a second hit in autonomous thyroid adenomas. *Journal of Clinical Investigation*, **2016**, 126, 3383-8	15.9	40
263	ENDOCRINOLOGY IN THE TIME OF COVID-19: Management of hyperthyroidism and hypothyroidism. *European Journal of Endocrinology*, **2020**, 183, G33-G39	6.5	40

262	Digenic DUOX1 and DUOX2 Mutations in Cases With Congenital Hypothyroidism. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 3085-3090	5.6	39
261	Patterns of thyroid hormone receptor expression in zebrafish and generation of a novel model of resistance to thyroid hormone action. *Molecular and Cellular Endocrinology*, **2016**, 424, 102-17	4.4	39
260	Rituximab treatment in patients with active Graves' orbitopathy: effects on proinflammatory and humoral immune reactions. *Clinical and Experimental Immunology*, **2010**, 161, 436-43	6.2	39
259	Phenotypical and Pharmacological Characterization of Stem-Like Cells in Human Pituitary Adenomas. *Molecular Neurobiology*, **2017**, 54, 4879-4895	6.2	38
258	Disruptions of global and JAGGED1-mediated notch signaling affect thyroid morphogenesis in the zebrafish. *Endocrinology*, **2012**, 153, 5645-58	4.8	38
257	Relevant cAMP-specific phosphodiesterase isoforms in human pituitary: effect of Gs(alpha) mutations. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 3795-800	5.6	38
256	Highly sensitive serum thyroglobulin and circulating thyroglobulin mRNA evaluations in the management of patients with differentiated thyroid cancer in apparent remission. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 3201-8	5.6	38
255	Classification and proposed nomenclature for inherited defects of thyroid hormone action, cell transport, and metabolism. *Thyroid*, **2014**, 24, 407-9	6.2	37
254	Circadian variations of thyrotropin bioactivity in normal subjects and patients with primary hypothyroidism. *Journal of Clinical Endocrinology and Metabolism*, **1995**, 80, 2722-8	5.6	37
253	Are Evidence-Based Guidelines Reflected in Clinical Practice? An Analysis of Prospectively Collected Data of the Italian Thyroid Cancer Observatory. *Thyroid*, **2017**, 27, 1490-1497	6.2	36
252	MEN1-related hyperparathyroidism: response to cinacalcet and its relationship with the calcium-sensing receptor gene variant Arg990Gly. *European Journal of Endocrinology*, **2012**, 167, 157-64	6.5	36
251	JAG1 Loss-Of-Function Variations as a Novel Predisposing Event in the Pathogenesis of Congenital Thyroid Defects. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 861-70	5.6	35
250	Thyrotropin-secreting pituitary adenomas. *Metabolism: Clinical and Experimental*, **1996**, 45, 75-9	12.7	35
249	Epigenome-wide association study in hepatocellular carcinoma: Identification of stochastic epigenetic mutations through an innovative statistical approach. *Oncotarget*, **2017**, 8, 41890-41902	3.3	35
248	Type I interferon-mediated pathway interacts with peroxisome proliferator activated receptor-□ (PPAR-□□ at the cross-road of pancreatic cancer cell proliferation. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2014**, 1845, 42-52	11.2	34
247	DAX1 and X-linked adrenal hypoplasia congenita: clinical and molecular analysis in five patients. *European Journal of Endocrinology*, **2006**, 154, 685-9	6.5	34
246	Thyroid hemiagenesis and elevated thyrotropin levels in a child with Williams syndrome. *American Journal of Medical Genetics Part A*, **1999**, 85, 491-4		34
245	Mutation of Somatostatin Receptor Type 5 in an Acromegalic Patient Resistant to Somatostatin Analog Treatment. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 3809-3814	5.6	34

244	Genetics and management of congenital hypothyroidism. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2018**, 32, 387-396	6.5	34
243	Gene dosage as a relevant mechanism contributing to the determination of ovarian function in Turner syndrome. *Human Reproduction*, **2014**, 29, 368-79	5.7	33
242	Genetic defects of ovarian TGF-□like factors and premature ovarian failure. *Journal of Endocrinological Investigation*, **2011**, 34, 244-51	5.2	33
241	Selective modulation of protein kinase A I and II reveals distinct roles in thyroid cell gene expression and growth. *Molecular Endocrinology*, **2006**, 20, 3196-211		33
240	Technology Insight: modern methods to monitor protein-protein interactions reveal functional TSH receptor oligomerization. *Nature Clinical Practice Endocrinology and Metabolism*, **2007**, 3, 180-90		33
239	Investigating the paradox of hypothyroidism and increased serum thyrotropin (TSH) levels in Sheehan's syndrome: characterization of TSH carbohydrate content and bioactivity. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 1694-9	5.6	33
238	Relevant cAMP-Specific Phosphodiesterase Isoforms in Human Pituitary: Effect of Gs´Mutations. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 3795-3800	5.6	33
237	Elastographic techniques of thyroid gland: current status. *Endocrine*, **2014**, 46, 455-61	4	32
236	Serum levels of carboxyterminal cross-linked telopeptide of type I collagen (ICTP) in the differential diagnosis of the syndromes of inappropriate secretion of TSH. *Clinical Endocrinology*, **1997**, 47, 207-14	3.4	32
235	A novel germline mutation in the TSH receptor gene causes non-autoimmune autosomal dominant hyperthyroidism. *European Journal of Endocrinology*, **2001**, 145, 249-54	6.5	32
234	Circadian variations of thyrotropin bioactivity in normal subjects and patients with primary hypothyroidism. *Journal of Clinical Endocrinology and Metabolism*, **1995**, 80, 2722-2728	5.6	32
233	Cytogenetic study of pituitary adenomas. *Cancer Genetics and Cytogenetics*, **1997**, 98, 131-6		31
232	Fast fluorometric method for measuring pendrin (SLC26A4) Cl-/I- transport activity. *Cellular Physiology and Biochemistry*, **2006**, 18, 67-74	3.9	31
231	Functional characterization of wild-type and a mutated form of SLC26A4 identified in a patient with Pendred syndrome. *Cellular Physiology and Biochemistry*, **2006**, 17, 245-56	3.9	31
230	Mortality in an Italian nursing home during COVID-19 pandemic: correlation with gender, age, ADL, vitamin D supplementation, and limitations of the diagnostic tests. *Aging*, **2020**, 12, 24522-24534	5.6	31
229	Zebrafish as an innovative model for neuroendocrine tumors. *Endocrine-Related Cancer*, **2014**, 21, R67-83	5.7	30
228	RET genotypes in sporadic medullary thyroid cancer: studies in a large Italian series. *Clinical Endocrinology*, **2008**, 69, 418-25	3.4	30
227	Thyrotropinomas. *Endocrinology and Metabolism Clinics of North America*, **2008**, 37, 123-34, viii-ix	5.5	30

226	Prolactin and proinflammatory cytokine expression at the fetomaternal interface in first trimester miscarriage. *Fertility and Sterility*, **2013**, 100, 108-15.e1-2	4.8	28
225	Short- and long- term effects of cigarette smoke exposure on glutathione homeostasis in human bronchial epithelial cells. *Cellular Physiology and Biochemistry*, **2013**, 32, 129-45	3.9	28
224	Unusual association between a thyrotropin-secreting pituitary adenoma and a papillary thyroid carcinoma. *Thyroid*, **1998**, 8, 181-3	6.2	28
223	Vitamin D and COVID-19 severity and related mortality: a prospective study in Italy. *BMC Infectious Diseases*, **2021**, 21, 566	4	28
222	Investigating the Paradox of Hypothyroidism and Increased Serum Thyrotropin (TSH) Levels in Sheehan's Syndrome: Characterization of TSH Carbohydrate Content and Bioactivity. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 1694-1699	5.6	28
221	Classification and proposed nomenclature for inherited defects of thyroid hormone action, cell transport, and metabolism. *European Thyroid Journal*, **2014**, 3, 7-9	4.2	27
220	Blood cell mitochondrial DNA content and premature ovarian aging. *PLoS ONE*, **2012**, 7, e42423	3.7	27
219	Similarities and differences in the phenotype of members of an Italian family with hereditary non-autoimmune hyperthyroidism associated with an activating TSH receptor germline mutation. *Journal of Endocrinological Investigation*, **2002**, 25, 696-701	5.2	27
218	Expression of calcium-sensing receptor and characterization of intracellular signaling in human pituitary adenomas. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 2848-53	5.6	27
217	A large-scale association study to assess the impact of known variants of the human INHA gene on premature ovarian failure. *Human Reproduction*, **2009**, 24, 2023-8	5.7	26
216	2012 European thyroid association guidelines for the management of familial and persistent sporadic non-autoimmune hyperthyroidism caused by thyroid-stimulating hormone receptor germline mutations. *European Thyroid Journal*, **2012**, 1, 142-7	4.2	26
215	Isolated follicle-stimulating hormone (FSH) deficiency in a young man with normal virilization who did not have mutations in the FSHbeta gene. *Fertility and Sterility*, **2003**, 79, 434-6	4.8	26
214	Loss of heterozygosity of the MEN1 gene in a large series of TSH-secreting pituitary adenomas. *Journal of Endocrinological Investigation*, **2001**, 24, 796-801	5.2	26
213	Four novel RET germline variants in exons 8 and 11 display an oncogenic potential in vitro. *European Journal of Endocrinology*, **2010**, 162, 771-7	6.5	25
212	Circulating levels of growth hormone, insulin-like growth factor-I and prolactin in normal, growth retarded and anencephalic human fetuses. *Journal of Endocrinological Investigation*, **1995**, 18, 346-53	5.2	24
211	Primary Adrenal Insufficiency During Lenvatinib or Vandetanib and Improvement of Fatigue After Cortisone Acetate Therapy. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 779-784	5.6	23
210	High-resolution array-CGH analysis on 46,XX patients affected by early onset primary ovarian insufficiency discloses new genes involved in ovarian function. *Human Reproduction*, **2019**, 34, 574-583	5.7	23
209	8-Chloro-cyclic AMP and protein kinase A I-selective cyclic AMP analogs inhibit cancer cell growth through different mechanisms. *PLoS ONE*, **2011**, 6, e20785	3.7	23

208	Expression of Calcium-Sensing Receptor and Characterization of Intracellular Signaling in Human Pituitary Adenomas. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 2848-2853	5.6	23
207	SP600125 has a remarkable anticancer potential against undifferentiated thyroid cancer through selective action on ROCK and p53 pathways. *Oncotarget*, **2015**, 6, 36383-99	3.3	23
206	The spectrum of thyroid function tests during hospitalization for SARS COV-2 infection. *European Journal of Endocrinology*, **2021**, 184, 699-709	6.5	22
205	Recombinant human TSH testing is a valuable tool for differential diagnosis of congenital hypothyroidism during L-thyroxine replacement. *Clinical Endocrinology*, **2003**, 59, 230-6	3.4	21
204	Thyrotropin with decreased biological activity, a delayed consequence of cranial irradiation for nasopharyngeal carcinoma. *Journal of Endocrinological Investigation*, **1995**, 18, 800-5	5.2	21
203	The diagnosis and management of central hypothyroidism in 2018. *Endocrine Connections*, **2019**, 8, R44-R54	3.3	20
202	The modifier role of RET-G691S polymorphism in hereditary medullary thyroid carcinoma: functional characterization and expression/penetrance studies. *Orphanet Journal of Rare Diseases*, **2015**, 10, 25	4.2	20
201	Preclinical and Clinical Evidence for a Distinct Regulation of Mu Opioid and Type 1 Cannabinoid Receptor Genes Expression in Obesity. *Frontiers in Genetics*, **2019**, 10, 523	4.5	20
200	Increased risk for non-autoimmune hypothyroidism in young patients with congenital heart defects. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E1115-9	5.6	20
199	The multiple genetic causes of central hypothyroidism. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2017**, 31, 255-263	6.5	19
198	In vivo Functional Consequences of Human THRA Variants Expressed in the Zebrafish. *Thyroid*, **2017** , 27, 279-291	6.2	19
197	Oxytocin-induced cell growth proliferation in human myometrial cells and leiomyomas. *Fertility and Sterility*, **2010**, 94, 1869-74	4.8	19
196	Thyroid scintigraphy and perchlorate test after recombinant human TSH: a new tool for the differential diagnosis of congenital hypothyroidism during infancy. *European Journal of Nuclear Medicine and Molecular Imaging*, **2007**, 34, 1498-503	8.8	19
195	TBG deficiency: description of two novel mutations associated with complete TBG deficiency and review of the literature. *Journal of Molecular Medicine*, **2006**, 84, 864-71	5.5	19
194	Multicenter study on TGPO autoantibody prevalence in various thyroid and non-thyroid diseases; relationships with thyroglobulin and thyroperoxidase autoantibody parameters. *European Journal of Endocrinology*, **1999**, 141, 563-9	6.5	19
193	Transplacental passage of anti-thyroid auto-antibodies in a pregnant woman with auto-immune thyroid disease **1999**, 19, 468-471		19
192	Synergistic activity of everolimus and 5-aza-2'-deoxycytidine in medullary thyroid carcinoma cell lines. *Molecular Oncology*, **2017**, 11, 1007-1022	7.9	18
191	Evidence for a Common Genetic Origin of Classic and Milder Adult-Onset Forms of Isolated Hypogonadotropic Hypogonadism. *Journal of Clinical Medicine*, **2019**, 8,	5.1	18

190	Molecular and functional studies of 4 candidate loci in Pendred syndrome and nonsyndromic hearing loss. *Molecular and Cellular Endocrinology*, **2012**, 351, 342-50	4.4	18
189	Sortilin is a putative postendocytic receptor of thyroglobulin. *Endocrinology*, **2009**, 150, 509-18	4.8	18
188	Vitamin D Status and SARS-CoV-2 Infection and COVID-19 Clinical Outcomes.. *Frontiers in Public Health*, **2021**, 9, 736665	6	18
187	Positive selection in bone morphogenetic protein 15 targets a natural mutation associated with primary ovarian insufficiency in human. *PLoS ONE*, **2013**, 8, e78199	3.7	18
186	Combined treatment with PPAR-agonists in pancreatic cancer: a glimmer of hope for cancer therapy?. *Current Cancer Drug Targets*, **2013**, 13, 460-71	2.8	18
185	A new variant in signal peptide of the human luteinizing hormone receptor (LHCGR) affects receptor biogenesis causing leydig cell hypoplasia. *Human Molecular Genetics*, **2015**, 24, 6003-12	5.6	17
184	Addressing gaps in care of people with conditions affecting sex development and maturation. *Nature Reviews Endocrinology*, **2019**, 15, 615-622	15.2	17
183	Elastographic presentation of medullary thyroid carcinoma. *Endocrine*, **2014**, 45, 153-5	4	17
182	Gonadal failure is associated with visceral adiposity in myotonic dystrophies. *European Journal of Clinical Investigation*, **2015**, 45, 702-10	4.6	17
181	The expression of wild-type pendrin (SLC26A4) in human embryonic kidney (HEK 293 Phoenix) cells leads to the activation of cationic currents. *European Journal of Endocrinology*, **2005**, 153, 693-9	6.5	17
180	Total iodide organification defect: clinical and molecular characterization of an Italian family. *Thyroid*, **2005**, 15, 1085-8	6.2	17
179	Role of Jagged1-Notch pathway in thyroid development. *Journal of Endocrinological Investigation*, **2018**, 41, 75-81	5.2	16
178	The current landscape of European registries for rare endocrine conditions. *European Journal of Endocrinology*, **2019**, 180, 89-98	6.5	16
177	Impaired protein stability and nuclear localization of NOBOX variants associated with premature ovarian insufficiency. *Human Molecular Genetics*, **2016**, 25, 5223-5233	5.6	15
176	How zebrafish research has helped in understanding thyroid diseases. *F1000Research*, **2017**, 6, 2137	3.6	15
175	The complex genetic basis of congenital hypogonadotropic hypogonadism. *Minerva Endocrinologica* , **2016**, 41, 223-39	1.9	15
174	Cortisol Secretion, Sensitivity, and Activity Are Associated With Hypertension in Postmenopausal Eucortisolemic Women. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 4441-4448	5.6	14
173	Multiple endocrine neoplasia type 1: analysis of germline MEN1 mutations in the Italian multicenter MEN1 patient database. *Endocrine*, **2018**, 62, 215-233	4	14

172	Neonatal Screening for Congenital Hypothyroidism: What Can We Learn From Discordant Twins?. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 5765-5779	5.6	14
171	Developing and evaluating rare disease educational materials co-created by expert clinicians and patients: the paradigm of congenital hypogonadotropic hypogonadism. *Orphanet Journal of Rare Diseases*, **2017**, 12, 57	4.2	14
170	Difficult treatment of consumptive hypothyroidism in a child with massive parotid hemangioma. *Journal of Pediatric Endocrinology and Metabolism*, **2012**, 25, 153-5	1.6	14
169	Syndromes of thyroid hormone resistance. *Annales DŒndocrinologie*, **2005**, 66, 264-9	1.7	14
168	Tumor and normal thyroid spheroids: from tissues to zebrafish. *Minerva Endocrinology*, **2018**, 43, 1-10	2.5	14
167	The cAMP analogs have potent anti-proliferative effects on medullary thyroid cancer cell lines. *Endocrine*, **2016**, 51, 101-12	4	13
166	Germline prokineticin receptor 2 (PROKR2) variants associated with central hypogonadism cause differental modulation of distinct intracellular pathways. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, E458-63	5.6	13
165	Serum thyrotropin concentrations and bioactivity during sleep deprivation in depression. *Archives of General Psychiatry*, **2001**, 58, 77-83		13
164	Mutations of LH and FSH receptors. *Journal of Endocrinological Investigation*, **2000**, 23, 566-72	5.2	13
163	Basal and stimulated calcitonin for the diagnosis of medullary thyroid cancer: updated thresholds and safety assessment. *Journal of Endocrinological Investigation*, **2021**, 44, 587-597	5.2	13
162	Mild TSH resistance: Clinical and hormonal features in childhood and adulthood. *Clinical Endocrinology*, **2017**, 87, 587-596	3.4	12
161	Loss-of-Function Variants in a Hungarian Cohort Reveal Structural Insights on TSH Receptor Maturation and Signaling. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, E1039-45	5.6	12
160	GENETICS IN ENDOCRINOLOGY: Genetic diagnosis of endocrine diseases by NGS: novel scenarios and unpredictable results and risks. *European Journal of Endocrinology*, **2018**, 179, R111-R123	6.5	12
159	DUOXS defects: Genotype-phenotype correlations. *Annales DŒndocrinologie*, **2011**, 72, 82-6	1.7	12
158	Serum FSH bioactivity and inhibin levels in patients with gonadotropin secreting and nonfunctioning pituitary adenomas. *Journal of Endocrinological Investigation*, **1998**, 21, 372-9	5.2	12
157	A clinical research integration special program (CRISP) for young women with primary ovarian insufficiency. *Panminerva Medica*, **2014**, 56, 245-61	2	12
156	Retinal Photoreceptor Functions Are Compromised in Patients With Resistance to Thyroid Hormone Syndrome (RTH)1 *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 2620-2627	5.6	11
155	Thyroid function in Klinefelter syndrome: a multicentre study from KING group. *Journal of Endocrinological Investigation*, **2019**, 42, 1199-1204	5.2	11

154	A novel IGSF1 mutation in a large Irish kindred highlights the need for familial screening in the IGSF1 deficiency syndrome. *Clinical Endocrinology*, **2018**, 89, 813-823	3.4	11
153	Congenital hypothyroidism with gland in situ: diagnostic re-evaluation. *Journal of Endocrinological Investigation*, **2005**, 28, 516-22	5.2	11
152	Lectin analyses of glycoprotein hormones in patients with congenital disorders of glycosylation. *European Journal of Endocrinology*, **2001**, 144, 409-16	6.5	11
151	Mechanism of action of pituitary adenylate cyclase-activating polypeptide (PACAP) in human nonfunctioning pituitary tumors. *Journal of Neuroendocrinology*, **1995**, 7, 695-702	3.8	11
150	Absence of primary hypothyroidism and goiter in Slc26a4 (-/-) mice fed on a low iodine diet. *Journal of Endocrinological Investigation*, **2011**, 34, 593-8	5.2	11
149	Thyrotropin-secreting pituitary tumors in hyper- and hypothyroidism. *Vienna Clinical Weekly*, **1996**, 23, 41-6		11
148	Arthropathy in acromegaly: a questionnaire-based estimation of motor disability and its relation with quality of life and work productivity. *Pituitary*, **2019**, 22, 552-560	4.3	10
147	Absence of the MAP2K5 germline variants c.G961A and c.T1100C in a wide series of familial nonmedullary thyroid carcinoma Italian families. *International Journal of Cancer*, **2019**, 145, 600	7.5	10
146	Adherence to growth hormone (GH) therapy in naïve to treatment GH-deficient children: data of the Italian Cohort from the Easypod Connect Observational Study (ECOS). *Journal of Endocrinological Investigation*, **2019**, 42, 1241-1244	5.2	10
145	Fundamental role of BMP15 in human ovarian folliculogenesis revealed by null and missense mutations associated with primary ovarian insufficiency. *Human Mutation*, **2020**, 41, 983-997	4.7	10
144	A balanced reciprocal translocation t(10;15)(q22.3;q26.1) interrupting ACAN gene in a family with proportionate short stature. *Journal of Endocrinological Investigation*, **2018**, 41, 929-936	5.2	10
143	An in-frame complex germline mutation in the juxtamembrane intracellular domain causing RET activation in familial medullary thyroid carcinoma. *Endocrine-Related Cancer*, **2006**, 13, 945-53	5.7	10
142	Growth hormone-releasing hexapeptide (GHRP-6) increases intracellular calcium concentrations in cultured cells from human pituitary adenomas of different types. *European Journal of Endocrinology* , **1998**, 139, 343-8	6.5	10
141	New genetics in congenital hypothyroidism. *Endocrine*, **2021**, 71, 696-705	4	10
140	Lenvatinib as first-line treatment for advanced thyroid cancer: long progression-free survival. *Endocrine*, **2021**, 72, 462-469	4	10
139	Type I interferons: ancient peptides with still under-discovered anti-cancer properties. *Protein and Peptide Letters*, **2013**, 20, 412-23	1.9	10
138	Interoceptive Axes Dissociation in Anorexia Nervosa: A Single Case Study With Follow Up Post-recovery Assessment. *Frontiers in Psychology*, **2018**, 9, 2488	3.4	9
137	Long-term safety and efficacy of Omnitrope® , a somatropin biosimilar, in children requiring growth hormone treatment: Italian interim analysis of the PATRO Children study. *Italian Journal of Pediatrics*, **2016**, 42, 93	3.2	9

136	Novel NKX2-1 Frameshift Mutations in Patients with Atypical Phenotypes of the Brain-Lung-Thyroid Syndrome. *European Thyroid Journal*, **2014**, 3, 227-33	4.2	9
135	Congenital Hypothyroidism with Gland in situ is More Frequent than Previously Thought. *Frontiers in Endocrinology*, **2012**, 3, 18	5.7	9
134	TSH-induced hyperthyroidism caused by a pituitary tumor. *Nature Clinical Practice Endocrinology and Metabolism*, **2006**, 2, 524-8; quiz following p528		9
133	Syndromes of Resistance to Thyroid Hormone Action. *Experientia Supplementum (2012)*, **2019**, 111, 55-84	2.2	9
132	and Thyroid: A Pleiotropic Candidate Gene for Congenital Hypothyroidism. *Frontiers in Endocrinology*, **2018**, 9, 730	5.7	9
131	Antitumor activity of interferon-α in hormone refractory prostate cancer with neuroendocrine differentiation. *Journal of Endocrinological Investigation*, **2017**, 40, 761-770	5.2	8
130	The Differential Diagnosis of Discrepant Thyroid Function Tests: Insistent Pitfalls and Updated Flow-Chart Based on a Long-Standing Experience. *Frontiers in Endocrinology*, **2020**, 11, 432	5.7	8
129	Kallmann's syndrome and normosmic isolated hypogonadotropic hypogonadism: two largely overlapping manifestations of one rare disorder. *Journal of Endocrinological Investigation*, **2014**, 37, 499-500	5.2	8
128	Type I Interferons: Ancient Peptides with Still Under-Discovered Anti-Cancer Properties. *Protein and Peptide Letters*, **2013**, 20, 412-423	1.9	8
127	Syndromes of resistance to TSH. *Annales D'Endocrinologie*, **2011**, 72, 60-3	1.7	8
126	Pulsed intravenous methylprednisolone combined with oral steroids as a treatment for poorly responsive type 2 amiodarone-induced thyrotoxicosis. *European Journal of Endocrinology*, **2019**, 181, 519-524	6.5	8
125	Multicellular spheroids from normal and neoplastic thyroid tissues as a suitable model to test the effects of multikinase inhibitors. *Oncotarget*, **2017**, 8, 9752-9766	3.3	8
124	as a Critical Regulator of Thyroid Primordium Specification. *Thyroid*, **2020**, 30, 277-289	6.2	8
123	The zebrafish: an emerging animal model for investigating the hypothalamic regulation of reproduction. *Minerva Endocrinologica*, **2016**, 41, 250-65	1.9	8
122	TSH-Producing Adenomas **2016**, 266-274.e3		7
121	Systemic nickel allergic syndrome as an immune-mediated disease with an increased risk for thyroid autoimmunity. *Endocrine*, **2015**, 50, 807-10	4	7
120	Genetic testing in inherited endocrine disorders: joint position paper of the European reference network on rare endocrine conditions (Endo-ERN). *Orphanet Journal of Rare Diseases*, **2020**, 15, 144	4.2	7
119	Prediction of hypertension, diabetes and fractures in eucortisolemic women by measuring parameters of cortisol milieu. *Endocrine*, **2020**, 68, 411-419	4	7

118	Hypogonadotropic hypogonadism and pituitary hypoplasia as recurrent features in Ulnar-Mammary syndrome. *Endocrine Connections*, **2018**, 7, 1432-1441	3.5	7
117	MANAGEMENT OF ENDOCRINE DISEASE: Precision medicine in neuroendocrine neoplasms: an update on current management and future perspectives. *European Journal of Endocrinology*, **2019**, 181, R1-R10	6.5	7
116	Fishing for neuroendocrine tumors. *Endocrine-Related Cancer*, **2020**, 27, R163-R176	5.7	7
115	Thyroid Hormone Hyposensitivity: From Genotype to Phenotype and Back. *Frontiers in Endocrinology*, **2019**, 10, 912	5.7	7
114	ENDO-ERN expert opinion on the differential diagnosis of pubertal delay. *Endocrine*, **2021**, 71, 681-688	4	7
113	Bone turnover and mineral density in adult thalassemic patients: relationships with growth hormone secretory status and circulating somatomedins. *Endocrine*, **2016**, 53, 551-7	4	6
112	Mitochondrial DNA copy number in peripheral blood: a potential non-invasive biomarker for female subfertility. *Journal of Assisted Reproduction and Genetics*, **2018**, 35, 1987-1994	3.4	6
111	Type I Interferons: Ancient Peptides with Still Under-Discovered Anti-Cancer Properties. *Protein and Peptide Letters*, **2013**, 20, 412-423	1.9	6
110	SNPs and real-time quantitative PCR method for constitutional allelic copy number determination, the VPREB1 marker case. *BMC Medical Genetics*, **2011**, 12, 61	2.1	6
109	Bioactivity and glycosylation of circulating prolactin in various physiological and pathological conditions. *Pituitary*, **1999**, 2, 225-31	4.3	6
108	Off-label pasireotide treatment in one insulinoma patient with an atypical presentation and intolerant to diazoxide. *Endocrine*, **2020**, 70, 435-438	4	6
107	The EuRRECa Project as a Model for Data Access and Governance Policies for Rare Disease Registries That Collect Clinical Outcomes. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	6
106	Clinical benefits of sex steroids given as a priming prior to GH provocative test or as a growth-promoting therapy in peripubertal growth delays: Results of a retrospective study among ENDO-ERN centres. *Clinical Endocrinology*, **2021**, 94, 219-228	3.4	6
105	The BRAF-inhibitor PLX4720 inhibits CXCL8 secretion in BRAFV600E mutated and normal thyroid cells: a further anti-cancer effect of BRAF-inhibitors. *Scientific Reports*, **2019**, 9, 4390	4.9	5
104	Prevalence of idiopathic scoliosis in anorexia nervosa patients: results from a cross-sectional study. *European Spine Journal*, **2018**, 27, 293-297	2.7	5
103	Uncertainties in endocrine substitution therapy for central endocrine insufficiencies: hypothyroidism. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2014**, 124, 397-405	3	5
102	Somatic mutational analysis of DAX1 in testes from men with idiopathic azoospermia. *Fertility and Sterility*, **2005**, 84, 1542-4	4.8	5
101	Body Composition and Leptin/Ghrelin Levels during Lenvatinib for Thyroid Cancer. *European Thyroid Journal*, **2020**, 9, 1-10	4.2	5

100	Newborn Screening for Congenital Hypothyroidism: the Benefit of Using Differential TSH Cutoffs in a 2-Screen Program. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, e338-e349	5.6	5
99	Transplacental passage of anti-thyroid auto-antibodies in a pregnant woman with auto-immune thyroid disease. *Prenatal Diagnosis*, **1999**, 19, 468-71	3.2	5
98	Low-dose Synachten test with measurement of salivary cortisol in adult patients with Ethalassemia major. *Endocrine*, **2018**, 60, 348-354	4	4
97	Role of GPR30 in testicular germ cell tumors: a potential new anticancer target. *Cancer Biology and Therapy*, **2011**, 11, 773-5	4.6	4
96	A novel splice variant involving the 5' untranslated region of thyroid hormone receptor beta1 (TRbeta1). *Journal of Endocrinological Investigation*, **2004**, 27, 318-22	5.2	4
95	Image-guided thermal ablation in autonomously functioning thyroid nodules. A retrospective multicenter three-year follow-up study from the Italian Minimally Invasive Treatment of the Thyroid (MITT) Group. *European Radiology*, **2021**, 1	8	4
94	Pubertal delay: the challenge of a timely differential diagnosis between congenital hypogonadotropic hypogonadism and constitutional delay of growth and puberty. *Minerva Pediatrica*, **2020**, 72, 278-287	1.6	4
93	A design thinking approach to primary ovarian insufficiency. *Panminerva Medica*, **2017**, 59, 15-32	2	4
92	TSH-Producing Adenomas **2010**, 324-332		4
91	Predictors of reproductive and non-reproductive outcomes of gonadotropin mediated pubertal induction in male patients with congenital hypogonadotropic hypogonadism (CHH). *Journal of Endocrinological Investigation*, **2021**, 44, 2445-2454	5.2	4
90	The relationship between liver histology and thyroid function tests in patients with non-alcoholic fatty liver disease (NAFLD). *PLoS ONE*, **2021**, 16, e0249614	3.7	4
89	Thyroid Cancer Stem-Like Cells: From Microenvironmental Niches to Therapeutic Strategies. *Journal of Clinical Medicine*, **2021**, 10,	5.1	4
88	Syndromes of Resistance to Thyroid Hormone Action **2015**, 95-112		3
87	Knocking-down of the Prokineticin receptor 2 affects reveals its complex role in the regulation of the hypothalamus-pituitary-gonadal axis in the zebrafish model. *Scientific Reports*, **2020**, 10, 7632	4.9	3
86	Elastographic presentation of synchronous renal cell carcinoma metastasis to the thyroid gland. *Endocrine*, **2014**, 47, 336-7	4	3
85	Diagnostic and therapeutic challenges of acquired thyrotropic deficiency. *Annales DŒndocrinologie*, **2012**, 73, 138-40	1.7	3
84	Absence of sonic hedgehog (Shh) germline mutations in patients with thyroid dysgenesis. *Clinical Endocrinology*, **2008**, 69, 828-9	3.4	3
83	Genetic analyses and evaluation of peripheral parameters of thyroid hormone action for the differential diagnosis of RTH. A novel heterozygous missense mutation (M334T) discovered. *Journal of Endocrinological Investigation*, **2002**, 25, RC4-6	5.2	3

82	Thyrotropin alpha- and beta-subunit responses to thyrotropin-releasing hormone and domperidone in normal subjects and in patients with microprolactinomas. *Neuroendocrinology*, **1991**, 53, 411-5	5.6	3
81	An open letter to the primary ovarian insufficiency community. *Minerva Ginecologica*, **2014**, 66, 519-20	1.2	3
80	The Quality Evaluation of Rare Disease Registries-An Assessment of the Essential Features of a Disease Registry. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	3
79	Efficacy of a Novel Second-Generation Somatostatin-Dopamine Chimera (TBR-065) in Human Medullary Thyroid Cancer: A Preclinical Study. *Neuroendocrinology*, **2021**, 111, 937-950	5.6	3
78	The Potential Synergic Effect of a Complex Pattern of Multiple Inherited Genetic Variants as a Pathogenic Factor for Ovarian Dysgenesis: A Case Report. *Frontiers in Endocrinology*, **2020**, 11, 540683	5.7	3
77	Defining Nonfunctioning Adrenal Adenomas on the Basis of the Occurrence of Hypocortisolism after Adrenalectomy. *Journal of the Endocrine Society*, **2020**, 4, bvaa079	0.4	3
76	The thyroid risk score (TRS) for nodules with indeterminate cytology. *Endocrine-Related Cancer*, **2021**, 28, 225-235	5.7	3
75	A Rare SPRY4 Gene Mutation Is Associated With Anosmia and Adult-Onset Isolated Hypogonadotropic Hypogonadism. *Frontiers in Endocrinology*, **2019**, 10, 781	5.7	3
74	Clinical and Genetic Features of a Large Monocentric Series of Familial Non-Medullary Thyroid Cancers. *Frontiers in Endocrinology*, **2020**, 11, 589340	5.7	3
73	Segmental Maternal UPD of Chromosome 7q in a Patient With Pendred and Silver Russell Syndromes-Like Features. *Frontiers in Genetics*, **2018**, 9, 600	4.5	3
72	Effects of human recombinant type I IFNs (IFN-β2b and IFN-β1a) on growth and migration of primary endometrial stromal cells from women with deeply infiltrating endometriosis: A preliminary study. *European Journal of Obstetrics, Gynecology and Reproductive Biology*, **2018**, 230, 192-198	2.4	3
71	Genetic variants of PARP4 gene and PARP4P2 pseudogene in patients with multiple primary tumors including thyroid cancer. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2019**, 816-818, 111672	3.3	2
70	Role of TRs in Zebrafish Development. *Methods in Molecular Biology*, **2018**, 1801, 287-298	1.4	2
69	Modern methods to investigate the oligomerization of glycoprotein hormone receptors (TSHR, LHR, FSHR). *Methods in Enzymology*, **2013**, 521, 367-83	1.7	2
68	Wasting syndrome with deep bradycardia as presenting manifestation of long-standing severe male hypogonadotropic hypogonadism: a case series. *BMC Endocrine Disorders*, **2014**, 14, 78	3.3	2
67	Genes involved in human premature ovarian failure. *Journal of Molecular Endocrinology*, **2010**, 45, 405	4.5	2
66	Lateralization of calcitonin measurements in the wash-out fluid from thyroid fine-needle aspiration: a useful tool for the diagnosis of C-cell-hyperplasia?. *Thyroid*, **2011**, 21, 1043-4	6.2	2
65	Thyrotropin-Secreting Pituitary Adenomas. *Growth Hormone*, **2002**, 167-184		2

64	Syndromes of thyroid hormone resistance due to mutations in the T3 receptor: progress in our understanding. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2000**, 7, 281-287		2
63	New and consolidated therapeutic options for pubertal induction in hypogonadism: in-depth review of the literature. *Endocrine Reviews*, **2021**,	27.2	2
62	Maturation of pituitary-thyroid function in the anencephalic fetus. *Vienna Clinical Weekly*, **1992**, 19 Suppl 1, 72-6		2
61	Switch to restoration therapy in a testosterone treated central hypogonadism with erythrocytosis. *Endocrinology, Diabetes and Metabolism Case Reports*, **2017**, 2017,	1.4	2
60	Indium-111 pentetreotide single-photon emission tomography in patients with TSH-secreting pituitary adenomas: correlation with the effect of a single administration of octreotide on serum TSH levels. *European Journal of Nuclear Medicine and Molecular Imaging*, **1997**, 24, 728-731	8.8	2
59	Long-term effects of somatostatin analogues in rat GH-secreting pituitary tumor cell lines. *Journal of Endocrinological Investigation*, **2021**, 1	5.2	2
58	Central hypogonadism in Klinefelter syndrome: report of two cases and review of the literature. *Journal of Endocrinological Investigation*, **2021**, 44, 459-470	5.2	2
57	Hidden hypercortisolism: a too frequently neglected clinical condition. *Journal of Endocrinological Investigation*, **2021**, 44, 1581-1596	5.2	2
56	Different forms of Resistance to Thyrotropin (TSH) Action. *Growth Hormone*, **2004**, 177-191		2
55	Safety of medications and hormones used in the treatment of pediatric thyroid disorders. *Pediatric Endocrinology Reviews*, **2004**, 2 Suppl 1, 124-33	1.1	2
54	The unusual adequate development of a child with severe central hypothyroidsm negative at neonatal thyrotropin screening. *Journal of Endocrinological Investigation*, **2013**, 36, 788-9	5.2	2
53	Two novel truncating variants of the AAAS gene causative of the triple A syndrome. *Journal of Endocrinological Investigation*, **2020**, 43, 973-982	5.2	1
52	8-Cl-cAMP and PKA I-selective cAMP analogs effectively inhibit undifferentiated thyroid cancer cell growth. *Endocrine*, **2017**, 56, 388-398	4	1
51	TSH-Producing Adenomas and Resistance to Thyroid Hormones **2015**, 473-476		1
50	A rare genetic disorder causing persistent severe neonatal hypoglycaemia the diagnostic workup. *BMJ Case Reports*, **2012**, 2012,	0.9	1
49	Genetic basis for primary ovarian insufficiency394-408		1
48	Patterns of gastrin secretion in patients with nonfunctioning pituitary adenomas. *Journal of Endocrinological Investigation*, **1991**, 14, 861-5	5.2	1
47	Factors influencing the levothyroxine dose in the hormone replacement therapy of primary hypothyroidism in adults. *Reviews in Endocrine and Metabolic Disorders*, **2021**,	10.5	1

46	Targeted Next-Generation Sequencing Indicates a Frequent Oligogenic Involvement in Primary Ovarian Insufficiency Onset. *Frontiers in Endocrinology*, **2021**, 12, 664645	5.7	1
45	TSH-Producing Adenomas and Resistance to Thyroid Hormones **2004**, 627-631		1
44	Cardiovascular complications of mild autonomous cortisol secretion. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2021**, 35, 101494	6.5	1
43	A rare mutation of thyroid hormone receptor beta gene in thyroid hormone resistance syndrome. *Endocrinology, Diabetes and Metabolism Case Reports*, **2021**, 2021,	1.4	1
42	From Endoderm to Progenitors: An Update on the Early Steps of Thyroid Morphogenesis in the Zebrafish. *Frontiers in Endocrinology*, **2021**, 12, 664557	5.7	1
41	Combined Mutational and Clonality Analyses Support the Existence of Intra-Tumor Heterogeneity in Papillary Thyroid Cancer. *Journal of Clinical Medicine*, **2021**, 10,	5.1	1
40	High Prevalence and Conservative Management of Acute Cholecystitis during Lenvatinib for Advanced Thyroid Cancer. *European Thyroid Journal*, **2021**, 10, 314-322	4.2	1
39	When to Suspect Hidden Hypercortisolism in Type 2 Diabetes: A Meta-Analysis. *Endocrine Practice*, **2021**, 27, 1216-1224	3.2	1
38	Thyrotropin Receptor p.N432D Retained Variant Is Degraded Through an Alternative Lysosomal/Autophagosomal Pathway and Can Be Functionally Rescued by Chemical Chaperones. *Thyroid*, **2021**, 31, 1030-1040	6.2	1
37	Central hypothyroidism: consequences in adult life. *Journal of Pediatric Endocrinology and Metabolism*, **2001**, 14 Suppl 5, 1263-9; discussion 1297-8	1.6	1
36	Minimally-invasive treatments for benign thyroid nodules: recommendations for information to patients and referring physicians by the Italian Minimally-Invasive Treatments of the Thyroid group.. *Endocrine*, **2022**, 76, 1	4	1
35	The natural history of the hyperthyrotropinemia of children born prematurely. *Journal of Endocrinological Investigation*, **2012**, 35, 260-4	5.2	1
34	Short-Term Exposure Effects of the Environmental Endocrine Disruptor Benzo(a)Pyrene on Thyroid Axis Function in Zebrafish. *International Journal of Molecular Sciences*, **2022**, 23, 5833	6.3	1
33	Clinical Consequences of Variable Results in the Measurement of Free Thyroid Hormones: Unusual Presentation of a Family with a Novel Variant in the Gene Causing Resistance to Thyroid Hormone Syndrome.. *European Thyroid Journal*, **2021**, 10, 533-541	4.2	0
32	Procoagulant Imbalance in Klinefelter Syndrome Assessed by Thrombin Generation Assay and Whole-Blood Thromboelastometry. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, e1660-e1672	5.6	0
31	Optimizing Fertility in Primary Ovarian Insufficiency: Case Report and Literature Review. *Frontiers in Genetics*, **2021**, 12, 676262	4.5	0
30	Differential diagnosis between constitutional delay of growth and puberty, idiopathic growth hormone deficiency and congenital hypogonadotropic hypogonadism: a clinical challenge for the pediatric endocrinologist. *Minerva Endocrinologica*, **2020**, 45, 354-375	1.9	0
29	Early post-natal life stress induces permanent adrenocorticotropin-dependent hypercortisolism in male mice. *Endocrine*, **2021**, 73, 186-195	4	0

28	Pharmacological Induction of Puberty **2021**,		0
27	Structure-guided approach to relieving transcriptional repression inResistance to Thyroid Hormone *Molecular and Cellular Biology*, **2021**, MCB0036321	4.8	0
26	Hormones and Autoimmunity **2019**, 181-190		
25	Insufficienza ovarica primaria: elementi per una gestione up-to-date. *L Endocrinologo*, **2015**, 16, 45-50		0
24	Central Hypothyroidism **2015**, 85-94		
23	La disabilit motoria del paziente acromegalico. *L Endocrinologo*, **2020**, 21, 87-90		0
22	Zebrafish Model for Investigating the Integrated Control of Reproduction **2018**, 323-333		
21	Diagnosi e terapia dell potiroidismo centrale nella pratica quotidiana. *L Endocrinologo*, **2019**, 20, 144-147		0
20	Nuovi farmaci a bersaglio molecolare nei tumori neuroendocrini gastroenteropancreatici. *L Endocrinologo*, **2017**, 18, 280-284		0
19	Central Hypothyroidism **2015**, 608-612		
18	Basi genetiche dell pogonadismo ipogonadotropo idiopatico. *L Endocrinologo*, **2015**, 16, 97-102		0
17	Thyroid Stimulating Hormone Secreting Tumor **2013**, 159-166		
16	Thyroid-Stimulating Hormone nduced Hyperfunction **2009**, 221-228		
15	Unique binding pattern to concanavalin A lectin of glycoprotein hormones alpha-subunit hypersecreted by non-functioning pituitary adenomas. *European Journal of Endocrinology*, **1997**, 137, 709-14	6.5	
14	Ipertiroidismo centrale: patogenesi, clinica e terapia dei TSH-omi e della resistenza agli ormoni tiroidei. *L Endocrinologo*, **2007**, 8, 152-160		0
13	Ipotiroidismo centrale: diagnosi, patogenesi e terapia sostitutiva. *L Endocrinologo*, **2005**, 6, 89-96		0
12	Hormone thyr trope. *EMC - Endocrinologie - Nutrition*, **2005**, 2, 1-6		
11	Hormone thyr trope. *EMC - Endocrinologie*, **2005**, 2, 140-147		

10	Non-autoimmune thyroid disease **2002**, 247-268	
9	Hypothalamic Hypothyroidism **2004**, 693-696	
8	Central Hypothyroidism **2015**, 91-96	
7	Vantaggi e limiti del TSH-riflesso. *L Endocrinologo*, **2016**, 17, 42-44	0
6	Hypothalamus Pituitary Thyroid Axis **2019**, 398-402	
5	Safety and effectiveness of a somatropin biosimilar in children requiring growth hormone treatment: second analysis of the PATRO Children study Italian cohort. *Journal of Endocrinological Investigation*, **2021**, 44, 493-503	5.2
4	Thyroid Hormone Resistance **2021**, 205-215	
3	Zebrafish come modello per lo studio di malattie della tiroide. *L Endocrinologo*, **2021**, 22, 42-49	0
2	Primary Ovarian Insufficiency **2018**, 471-481	
1	A Novel Germline Mutation of Gene in Two "Discordant" Homozygous Female Twins Affected by Adenosine Deaminase 2 Deficiency: Description of the Bone-Related Phenotype. *International Journal of Molecular Sciences*, **2021**, 22,	6.3