Peter Igaz

List of Publications by Citations

116 papers	1,993 citations	24 h-index	39 g-index
188 ext. papers	2,464 ext. citations	4 avg, IF	4.71 L-index

#	Paper	IF	Citations
116	Integrative molecular bioinformatics study of human adrenocortical tumors: microRNA, tissue-specific target prediction, and pathway analysis. *Endocrine-Related Cancer*, **2009**, 16, 895-906	5.7	132
115	Biological and clinical significance of the JAK-STAT pathway; lessons from knockout mice. *Inflammation Research*, **2001**, 50, 435-41	7.2	88
114	MicroRNA profile indicates downregulation of the TGF pathway in sporadic non-functioning pituitary adenomas. *Pituitary*, **2011**, 14, 112-24	4.3	85
113	Analysis of circulating microRNAs in adrenocortical tumors. *Laboratory Investigation*, **2014**, 94, 331-9	5.9	79
112	Down-regulation of Wee1 kinase by a specific subset of microRNA in human sporadic pituitary adenomas. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, E181-91	5.6	75
111	Colorectal adenoma and cancer detection based on altered methylation pattern of SFRP1, SFRP2, SDC2, and PRIMA1 in plasma samples. *Epigenetics*, **2017**, 12, 751-763	5.7	60
110	Rationale for anti-angiogenic therapy in pheochromocytoma and paraganglioma. *Endocrine Pathology*, **2012**, 23, 34-42	4.2	60
109	Bidirectional communication between histamine and cytokines. *Inflammation Research*, **2001**, 50, 123-8	7.2	56
108	Effects of cytokines on gonadotropin-releasing hormone (GnRH) gene expression in primary hypothalamic neurons and in GnRH neurons immortalized conditionally. *Endocrinology*, **2006**, 147, 1037-43	4.8	53
107	MicroRNA expression profiling in benign (sporadic and hereditary) and recurring adrenal pheochromocytomas. *Modern Pathology*, **2010**, 23, 1583-95	9.8	52
106	Diagnostic and prognostic potential of tissue and circulating long non-coding RNAs in colorectal tumors. *World Journal of Gastroenterology*, **2019**, 25, 5026-5048	5.6	47
105	Adrenal myelolipoma: a comprehensive review. *Endocrine*, **2018**, 59, 7-15	4	47
104	Diagnostic performance of salivary cortisol and serum osteocalcin measurements in patients with overt and subclinical Cushing's syndrome. *Steroids*, **2011**, 76, 38-42	2.8	42
103	Steroid biosynthesis inhibitors in the therapy of hypercortisolism: theory and practice. *Current Medicinal Chemistry*, **2008**, 15, 2734-47	4.3	41
102	MicroRNAs in adrenal tumors: relevance for pathogenesis, diagnosis, and therapy. *Cellular and Molecular Life Sciences*, **2015**, 72, 417-428	10.3	40
101	Hallmarks of gastrointestinal neuroendocrine tumours: implications for treatment. *Endocrine-Related Cancer*, **2014**, 21, R445-60	5.7	38
100	Potential relevance of microRNAs in inter-species epigenetic communication, and implications for disease pathogenesis. *RNA Biology*, **2017**, 14, 391-401	4.8	35

99	Bone turnover in patients with endogenous Cushing's syndrome before and after successful treatment. *Osteoporosis International*, **2010**, 21, 637-45	5.3	34
98	Evaluation and diagnostic potential of circulating extracellular vesicle-associated microRNAs in adrenocortical tumors. *Scientific Reports*, **2017**, 7, 5474	4.9	33
97	Cell cycle dependent RRM2 may serve as proliferation marker and pharmaceutical target in adrenocortical cancer. *American Journal of Cancer Research*, **2016**, 6, 2041-2053	4.4	29
96	MicroRNA-132 targets HB-EGF upon IgE-mediated activation in murine and human mast cells. *Cellular and Molecular Life Sciences*, **2012**, 69, 793-808	10.3	28
95	Blood Collection and Cell-Free DNA Isolation Methods Influence the Sensitivity of Liquid Biopsy Analysis for Colorectal Cancer Detection. *Pathology and Oncology Research*, **2019**, 25, 915-923	2.6	26
94	Gene promoter and exon DNA methylation changes in colon cancer development - mRNA expression and tumor mutation alterations. *BMC Cancer*, **2018**, 18, 695	4.8	25
93	Tumor surveillance by circulating microRNAs: a hypothesis. *Cellular and Molecular Life Sciences*, **2014**, 71, 4081-7	10.3	24
92	Comparison of Circulating miRNAs Expression Alterations in Matched Tissue and Plasma Samples During Colorectal Cancer Progression. *Pathology and Oncology Research*, **2019**, 25, 97-105	2.6	23
91	Effects of mitotane on gene expression in the adrenocortical cell line NCI-H295R: a microarray study. *Pharmacogenomics*, **2012**, 13, 1351-61	2.6	22
90	Antitumoral effects of 9-cis retinoic acid in adrenocortical cancer. *Cellular and Molecular Life Sciences*, **2014**, 71, 917-32	10.3	20
89	Genome-wide expression profiling in colorectal cancer focusing on lncRNAs in the adenoma-carcinoma transition. *BMC Cancer*, **2019**, 19, 1059	4.8	19
88	Interleukin-6-induced production of type II acute phase proteins and expression of junB gene are downregulated by human recombinant growth hormone in vitro. *Cell Biology International*, **2000**, 24, 109-14	4.5	19
87	Soluble interleukin-6 receptor (sIL-6R) makes IL-6R negative T cell line respond to IL-6; it inhibits TNF production. *Immunology Letters*, **2000**, 71, 143-8	4.1	19
86	Diagnostic Relevance of microRNAs in Other Body Fluids Including Urine, Feces, and Saliva. *Exs*, **2015**, 106, 245-252		17
85	Analysis of circulating extracellular vesicle-associated microRNAs in cortisol-producing adrenocortical tumors. *Endocrine*, **2018**, 59, 280-287	4	16
84	Minireview: miRomics in endocrinology: a novel approach for modeling endocrine diseases. *Molecular Endocrinology*, **2013**, 27, 573-85		16
83	Perspective: bidirectional exosomal transport between cancer stem cells and their fibroblast-rich microenvironment during metastasis formation. *Npj Breast Cancer*, **2018**, 4, 18	7.8	15
82	Comprehensive analysis of circulating microRNAs in plasma of patients with pituitary adenomas. *Journal of Clinical Endocrinology and Metabolism*, **2019**,	5.6	15

81	MicroRNA Expression Profiling in Adrenal Myelolipoma. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 3522-3530	5.6	15
80	Systematic Investigation of Expression of G2/M Transition Genes Reveals CDC25 Alteration in Nonfunctioning Pituitary Adenomas. *Pathology and Oncology Research*, **2017**, 23, 633-641	2.6	14
79	Germline VHL gene mutations in Hungarian families with von Hippel-Lindau disease and patients with apparently sporadic unilateral pheochromocytomas. *European Journal of Endocrinology*, **2009**, 161, 495-502	6.5	14
78	release of MVB-like small extracellular vesicle clusters by colorectal carcinoma cells. *Journal of Extracellular Vesicles*, **2019**, 8, 1596668	16.4	13
77	Circulating cell-free nucleic acids as biomarkers in colorectal cancer screening and diagnosis - an update. *Expert Review of Molecular Diagnostics*, **2019**, 19, 477-498	3.8	13
76	Preclinical progress and first translational steps for a liposomal chemotherapy protocol against adrenocortical carcinoma. *Endocrine-Related Cancer*, **2016**, 23, 825-37	5.7	13
75	Underexpression of C-myc in adrenocortical cancer: a major pathogenic event?. *Hormone and Metabolic Research*, **2011**, 43, 297-9	3.1	13
74	Occurrence of pheochromocytoma in a MEN2A family with codon 609 mutation of the RET proto-oncogene. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 2994	5.6	13
73	Soluble interleukin 6 (IL-6) receptor influences the expression of the protooncogene junB and the production of fibrinogen in the HepG2 human hepatoma cell line and primary rat hepatocytes. *Cytokine*, **1998**, 10, 620-6	4	13
72	MEN1 mutations and potentially MEN1-targeting miRNAs are responsible for menin deficiency in sporadic and MEN1 syndrome-associated primary hyperparathyroidism. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2017**, 471, 401-411	5.1	12
71	Prognostic relevance of proliferation-related miRNAs in pancreatic neuroendocrine neoplasms. *European Journal of Endocrinology*, **2018**, 179, 219-228	6.5	12
70	Histamine genomics in silico: polymorphisms of the human genes involved in the synthesis, action and degradation of histamine. *Molecular Diagnosis and Therapy*, **2002**, 2, 67-72		12
69	True MEN1 or phenocopy? Evidence for geno-phenotypic correlations in MEN1 syndrome. *Endocrine* , **2019**, 65, 451-459	4	11
68	Marked chromogranin A elevation in a patient with bilateral adrenal incidentalomas, and its rapid normalization after discontinuation of proton pump inhibitor therapy. *Clinical Endocrinology*, **2007**, 67, 805-6	3.4	11
67	Genotype-phenotype correlations in Hungarian patients with hereditary medullary thyroid cancer. *Wiener Klinische Wochenschrift*, **2006**, 118, 417-21	2.3	11
66	Soluble interleukin-6 receptor enhanced by oncostatin M induces major changes in gene expression profile of human hepatoma cells. *Immunology Letters*, **2002**, 82, 79-84	4.1	11
65	Circulating miRNA Expression Profiling in Primary Aldosteronism. *Frontiers in Endocrinology*, **2019**, 10, 739	5.7	11
64	Differentially Expressed miRNAs Influence Metabolic Processes in Pituitary Oncocytoma. *Neurochemical Research*, **2019**, 44, 2360-2371	4.6	10

63	Glutaminases as a Novel Target for SDHB-Associated Pheochromocytomas/Paragangliomas. *Cancers*, **2020**, 12,	6.6	10
62	Analysis of Circulating MicroRNAs In Vivo following Administration of Dexamethasone and Adrenocorticotropin. *International Journal of Endocrinology*, **2015**, 2015, 589230	2.7	10
61	Integrative analysis of neuroblastoma and pheochromocytoma genomics data. *BMC Medical Genomics*, **2012**, 5, 48	3.7	10
60	Expression of glucocorticoid receptor isoforms in human adrenocortical adenomas. *Steroids*, **2010**, 75, 695-700	2.8	10
59	Functional genomics approaches for the study of sporadic adrenal tumor pathogenesis: clinical implications. *Journal of Steroid Biochemistry and Molecular Biology*, **2006**, 101, 87-96	5.1	10
58	Polymorphisms of the GR and HSD11B1 genes influence body mass index and weight gain during hormone replacement treatment in patients with Addison's disease. *Clinical Endocrinology*, **2016**, 85, 180-8	3.4	10
57	Novel SDHB and TMEM127 Mutations in Patients with Pheochromocytoma/Paraganglioma Syndrome. *Pathology and Oncology Research*, **2016**, 22, 673-9	2.6	10
56	Comparison of plasma and urinary microRNA-483-5p for the diagnosis of adrenocortical malignancy. *Journal of Biotechnology*, **2019**, 297, 49-53	3.7	9
55	Possible role for microRNAs as inter-species mediators of epigenetic information in disease pathogenesis: is the non-coding dark matter of the genome responsible for epigenetic interindividual or interspecies communication?. *Medical Hypotheses*, **2015**, 84, 150-4	3.8	9
54	Suggested roles for microRNA in tumors. *Biomolecular Concepts*, **2015**, 6, 149-55	3.7	9
53	Common genetic variants of the human steroid 21-hydroxylase gene (CYP21A2) are related to differences in circulating hormone levels. *PLoS ONE*, **2014**, 9, e107244	3.7	9
52	MicroRNA Target Prediction: Problems and Possible Solutions. *Current Bioinformatics*, **2010**, 5, 81-88	4.7	9
51	Evaluation of 9-cis retinoic acid and mitotane as antitumoral agents in an adrenocortical xenograft model. *American Journal of Cancer Research*, **2015**, 5, 3645-58	4.4	9
50	The rs10830963 Variant in Interaction with Pre-Pregnancy BMI is a Pharmacogenetic Marker for the Initiation of Antenatal Insulin Therapy in Gestational Diabetes Mellitus. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	9
49	Next-generation sequencing identifies novel mitochondrial variants in pituitary adenomas. *Journal of Endocrinological Investigation*, **2019**, 42, 931-940	5.2	8
48	Why is microRNA action tissue specific? A putative defense mechanism against growth disorders, tumor development or progression mediated by circulating microRNA?. *Medical Hypotheses*, **2015**, 85, 530-3	3.8	8
47	Differences in the expression of histamine-related genes and proteins in normal human adrenal cortex and adrenocortical tumors. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2009**, 455, 133-42	5.1	8
46	mRNA and microRNA expression patterns in adrenocortical cancer. *American Journal of Cancer Research*, **2011**, 1, 618-28	4.4	8

45	A unique haplotype of RCCX copy number variation: from the clinics of congenital adrenal hyperplasia to evolutionary genetics. *European Journal of Human Genetics*, **2017**, 25, 702-710	5.3	7
44	S-Adenosylmethionine Treatment of Colorectal Cancer Cell Lines Alters DNA Methylation, DNA Repair and Tumor Progression-Related Gene Expression. *Cells*, **2020**, 9,	7.9	7
43	Limitations of high throughput methods for miRNA expression profiles in non-functioning pituitary adenomas. *Pathology and Oncology Research*, **2019**, 25, 169-182	2.6	7
42	Promoter Hypomethylation and Increased Expression of the Long Non-coding RNA LINC00152 Support Colorectal Carcinogenesis. *Pathology and Oncology Research*, **2020**, 26, 2209-2223	2.6	7
41	Genomics of steroid hormones: in silico analysis of nucleotide sequence variants (polymorphisms) of the enzymes involved in the biosynthesis and metabolism of steroid hormones. *Journal of Steroid Biochemistry and Molecular Biology*, **2002**, 82, 359-67	5.1	6
40	Cytokines in diseases of the endocrine system. *Cell Biology International*, **2000**, 24, 663-8	4.5	6
39	MEN1 clinical background. *Advances in Experimental Medicine and Biology*, **2009**, 668, 1-15	3.6	6
38	Non-Coding RNAs in Adrenocortical Cancer: From Pathogenesis to Diagnosis. *Cancers*, **2020**, 12,	6.6	5
37	MicroRNAs, Long Non-Coding RNAs, and Circular RNAs: Potential Biomarkers and Therapeutic Targets in Pheochromocytoma/Paraganglioma. *Cancers*, **2021**, 13,	6.6	5
36	MEN1 and microRNAs: The link between sporadic pituitary, parathyroid and adrenocortical tumors?. *Medical Hypotheses*, **2017**, 99, 40-44	3.8	4
35	Introduction to microRNAs: Biogenesis, Action, Relevance of Tissue microRNAs in Disease Pathogenesis, Diagnosis and Therapy-The Concept of Circulating microRNAs. *Exs*, **2015**, 106, 3-30		4
34	Pharmacological options for treatment of hyperandrogenic disorders. *Mini-Reviews in Medicinal Chemistry*, **2009**, 9, 1113-26	3.2	4
33	Extracellular Vesicle-Based Communication May Contribute to the Co-Evolution of Cancer Stem Cells and Cancer-Associated Fibroblasts in Anti-Cancer Therapy. *Cancers*, **2020**, 12,	6.6	4
32	Circulating microRNAs in adrenal tumors. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2019**, 26, 155-159	4	4
31	Differences in MicroRNA expression profiles of adrenocortical tumors--letter. *Clinical Cancer Research*, **2010**, 16, 2915; author reply 2915-6	12.9	3
30	Uncommon MEN2A phenotype in a patient with a RET protooncogene exon 10, codon 611 mutation. *Clinical Endocrinology*, **2009**, 71, 304-5	3.4	3
29	Sequence variants of the ligand-binding domain of the glucocorticoid receptor gene and their functional consequences on the three-dimensional protein structure. *Current Medicinal Chemistry*, **2004**, 11, 3229-37	4.3	3
28	Survivin as a potential therapeutic target of acetylsalicylic acid in pituitary adenomas. *Oncotarget*, **2018**, 9, 29180-29192	3.3	3

27	Over-representation of the G12S polymorphism of the SDHD gene in patients with MEN2A syndrome. *Clinics*, **2012**, 67 Suppl 1, 85-9	2.3	3
26	Overview of Genetically Determined Diseases/Multiple Endocrine Neoplasia Syndromes Predisposing to Endocrine Tumors. *Experientia Supplementum (2012)*, **2019**, 111, 105-127	2.2	3
25	Hypothetic Interindividual and Interspecies Relevance of microRNAs Released in Body Fluids. *Exs*, **2015**, 106, 281-288		3
24	ENSAT registry-based randomized clinical trials for adrenocortical carcinoma. *European Journal of Endocrinology*, **2021**, 184, R51-R59	6.5	3
23	Novel Insights into the Molecular Regulation of Ribonucleotide Reductase in Adrenocortical Carcinoma Treatment. *Cancers*, **2021**, 13,	6.6	3
22	Are Circulating microRNAs Involved in Tumor Surveillance?. *Exs*, **2015**, 106, 269-280		2
21	C-terminal peptides of interleukin-6 modulate the expression of junB protooncogene and the production of fibrinogen by HepG2 cells. *Biological Chemistry*, **2001**, 382, 669-76	4.5	2
20	MicroRNAs and Adrenocortical Tumors: Where do we Stand on Primary Aldosteronism?. *Hormone and Metabolic Research*, **2020**, 52, 394-403	3.1	2
19	In silico analysis of pathways affected by differentially expressed microRNA in adrenocortical tumors. *Journal of Endocrinological Investigation*, **2013**, 36, 1011-9	5.2	2
18	Can microRNA be used as a biomarker in adrenocortical cancer?. *International Journal of Endocrine Oncology*, **2015**, 2, 101-103	0.3	1
17	A short ring finger points to a diagnosis of Turner syndrome again. *Lancet, The*, **2020**, 395, e51	40	1
16	Serum chromogranin A reflects regression of metastatic carcinoid during prolonged octreotide treatment. *European Journal of Gastroenterology and Hepatology*, **2009**, 21, 386-7	2.2	1
15	Interleukin-6 N-terminal peptides modulate the expression of junB protooncogene and the production of fibrinogen in HepG2 cells. *Biological Chemistry*, **2003**, 384, 409-21	4.5	1
14	Treatment of Iatrogenic Cushing Syndrome: Questions of Glucocorticoid Withdrawal. *Hungarian Medical Journal*, **2007**, 1, 63-72		1
13	Family Screening and Genetic Counseling. *Experientia Supplementum (2012)*, **2019**, 111, 29-32	2.2	1
12	Case Report: Complete Necrosis of a Large Adrenocortical Cancer and Liver Metastases Achieved by Selective Arterial Embolization: A Case Study and Review of Literature. *Frontiers in Endocrinology* , **2021**, 12, 677187	5.7	1
11	Safety and Efficacy of Peptide-Receptor Radionuclide Therapy in Elderly Neuroendocrine Tumor Patients.. *Cancers*, **2021**, 13,	6.6	1
10	Surprising genetic and pathological findings in a patient with giant bilateral periadrenal tumours: PEComas and mutations of in Gorlin-Goltz syndrome.. *Journal of Medical Genetics*, **2021**,	5.8	1

9	Liquid biopsy for the assessment of adrenal cancer heterogeneity: where do we stand?. *Endocrine*, **2022**, 1	4	0
8	Update on microRNA as biomarkers of adrenocortical cancer: perspective on circulating microRNA. *International Journal of Endocrine Oncology*, **2017**, 4, 1-3	0.3	
7	Histamine Genomics and Metabolomics **2006**, 371-394		
6	Basic Concepts of Genetics. *Experientia Supplementum (2012)*, **2019**, 111, 3-19	2.2	
5	Comparison of adipose tissue derived genes in endogenous Cushing's syndrome versus diet-induced obesity. *Endokrynologia Polska*, **2019**, 70, 131-134	1.1	
4	Non-Hepatic Coma in a Cirrhotic Patient due to Chronic Subdural Hematoma. *Hungarian Medical Journal*, **2008**, 2, 451-453		
3	Addison Disease and Autoimmune Polyendocrine Syndrome Type 2 **2021**, 327-336		
2	Multiple Endocrine Neoplasia Type 2 **2021**, 505-513		
1	Adrenal Cushing Syndrome **2021**, 289-296		