

# Markus Eszlinger

## List of Publications by Year in descending order

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74  
papers

3,375  
citations

136950

32  
h-index

138484

58  
g-index

75  
all docs

75  
docs citations

75  
times ranked

4025  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accuracy of Thyroid Fine-Needle Aspiration Cytology: A Cyto-Histologic Correlation Study in an Integrated Canadian Health Care Region with Centralized Pathology Service. <i>Acta Cytologica</i> , 2022, 66, 171-178.	1.3	6
2	Systematic population-based identification of NTRK and RET fusion-positive thyroid cancers. <i>European Thyroid Journal</i> , 2022, 11, .	2.4	4
3	DIAGNOSIS OF ENDOCRINE DISEASE: Usefulness of genetic testing of fine-needle aspirations for diagnosis of thyroid cancer. <i>European Journal of Endocrinology</i> , 2022, 187, R41-R52.	3.7	9
4	Malignancy is in the eye of the beholder: Pathologic diagnosis of challenging follicular neoplasms in the era of noninvasive follicular thyroid neoplasms with papillary-like nuclear features and immunohistochemical and molecular adjuncts. <i>Surgery</i> , 2021, 169, 22-26.	1.9	5
5	Histology-based molecular profiling improves mutation detection for advanced thyroid cancer. <i>Genes Chromosomes and Cancer</i> , 2021, 60, 531-545.	2.8	5
6	Report of a family with three generations of undiagnosed familial nonautoimmune hyperthyroidism. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2021, 2021, .	0.5	0
7	The Thyrotropin Receptor Mutation Database Update. <i>Thyroid</i> , 2020, 30, 931-935.	4.5	14
8	Sensitive Sequencing Analysis Suggests Thyrotropin Receptor and Guanine Nucleotide-Binding Protein G Subunit Alpha as Sole Driver Mutations in Hot Thyroid Nodules. <i>Thyroid</i> , 2020, 30, 1482-1489.	4.5	6
9	6 - Interim Results for the Prospective Evaluation of the ThyroSPEC Mutation Panel for the Diagnosis of Indeterminate Thyroid Fine Needle Aspiration Cytologies (FNAC). <i>Canadian Journal of Diabetes</i> , 2019, 43, S4.	0.8	0
10	72 - Predicting Response to Resensitization of Radioiodine Resistant Thyroid Cancer With Whole Exome Sequencing. <i>Canadian Journal of Diabetes</i> , 2019, 43, S27-S28.	0.8	0
11	84 - Pathology and Case Review and Whole Exome Sequencing of ThyroSPEC Mutation Panel False-Negatives for the Diagnosis of Indeterminate Thyroid Fine-Needle Aspiration (FNA) Cytologies. <i>Canadian Journal of Diabetes</i> , 2019, 43, S31.	0.8	0
12	Molecular Testing of Nodules with a Suspicious or Malignant Cytologic Diagnosis in the Setting of Non-Invasive Follicular Thyroid Neoplasm with Papillary-Like Nuclear Features (NIFTP). <i>Endocrine Pathology</i> , 2018, 29, 68-74.	9.0	21
13	Advanced Bone Age Present in a Neonatal Case of Sporadic Non-Autoimmune Hyperthyroidism Before Onset of Symptoms. <i>Canadian Journal of Diabetes</i> , 2018, 42, S40.	0.8	0
14	Thyroid Nodule Malignancy Rates Within a Health-Care Region with Centralized Pathology. <i>Canadian Journal of Diabetes</i> , 2018, 42, S35.	0.8	0
15	Prospective Evaluation of the ThyroSPEC Mutation Panel for the Diagnosis of Indeterminate Thyroid Fine-Needle Aspiration Cytologies. <i>Canadian Journal of Diabetes</i> , 2018, 42, S4.	0.8	0
16	Thyroid Nodule. <i>Endocrinology</i> , 2018, , 165-201.	0.1	0
17	Hyperthyroidism and Papillary Thyroid Carcinoma in Thyrotropin Receptor D633H Mutant Mice. <i>Thyroid</i> , 2018, 28, 1372-1386.	4.5	12
18	Evaluation of a Two-Year Routine Application of Molecular Testing of Thyroid Fine-Needle Aspirations Using a Seven-Gene Panel in a Primary Referral Setting in Germany. <i>Thyroid</i> , 2017, 27, 402-411.	4.5	42

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19	Molecular profiling of thyroid nodule fine-needle aspiration cytology. <i>Nature Reviews Endocrinology</i> , 2017, 13, 415-424.	9.6	52
20	Gene Expression (mRNA) Markers for Differentiating between Malignant and Benign Follicular Thyroid Tumours. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1184.	4.1	32
21	Low Malignancy Rates in Fine-Needle Aspiration Cytologies in a Primary Care Setting in Germany. <i>Thyroid</i> , 2017, 27, 1385-1392.	4.5	10
22	Thyroid Nodule. <i>Endocrinology</i> , 2017, , 1-38.	0.1	0
23	Molecular Diagnosis Using Residual Liquid-Based Cytology Materials for Patients with Nondiagnostic or Indeterminate Thyroid Nodules. <i>Endocrinology and Metabolism</i> , 2016, 31, 586.	3.0	15
24	Molecular Testing by MALDI-TOF Mass Spectrometry is Applicable to DNA from Routine Air-Dried FNA Smears and Improves the Pre-Surgical Diagnosis of Indeterminate Thyroid Fine Needle Cytologies. <i>Canadian Journal of Diabetes</i> , 2016, 40, S4.	0.8	1
25	Young investigator challenge: Can the Ion AmpliSeq Cancer Hotspot Panel v2 be used for next-generation sequencing of thyroid FNA samples?. <i>Cancer Cytopathology</i> , 2016, 124, 776-784.	2.4	21
26	Two-miRNA classifiers differentiate mutation-negative follicular thyroid carcinomas and follicular thyroid adenomas in fine needle aspirations with high specificity. <i>Endocrine</i> , 2016, 54, 440-447.	2.3	27
27	Prenatal maternal stress and wheeze in children: novel insights into epigenetic regulation. <i>Scientific Reports</i> , 2016, 6, 28616.	3.3	55
28	Tobacco smoking differently influences cell types of the innate and adaptive immune system—indications from CpG site methylation. <i>Clinical Epigenetics</i> , 2016, 8, 83.	4.1	73
29	Recurrent EZH1 mutations are a second hit in autonomous thyroid adenomas. <i>Journal of Clinical Investigation</i> , 2016, 126, 3383-3388.	8.2	66
30	A varying T cell subtype explains apparent tobacco smoking induced single CpG hypomethylation in whole blood. <i>Clinical Epigenetics</i> , 2015, 7, 81.	4.1	72
31	Fine-Needle Aspiration Diagnoses of Noninvasive Follicular Variant of Papillary Thyroid Carcinoma. <i>American Journal of Clinical Pathology</i> , 2015, 144, 850-857.	0.7	108
32	Molecular Testing of Thyroid Fine-Needle Aspirations Improves Presurgical Diagnosis and Supports the Histologic Identification of Minimally Invasive Follicular Thyroid Carcinomas. <i>Thyroid</i> , 2015, 25, 401-409.	4.5	66
33	<i>TERT</i> Promoter Mutations in Papillary Thyroid Microcarcinomas. <i>Thyroid</i> , 2015, 25, 1013-1019.	4.5	86
34	Molecular analysis of residual ThinPrep material from thyroid FNAs increases diagnostic sensitivity. <i>Cancer Cytopathology</i> , 2015, 123, 356-361.	2.4	70
35	A two miRNA classifier differentiates follicular thyroid carcinomas from follicular thyroid adenomas. <i>Molecular and Cellular Endocrinology</i> , 2015, 399, 43-49.	3.2	35
36	Analysis options for high-throughput sequencing in miRNA expression profiling. <i>BMC Research Notes</i> , 2014, 7, 144.	1.4	75

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37	Impact of Molecular Screening for Point Mutations and Rearrangements in Routine Air-Dried Fine-Needle Aspiration Samples of Thyroid Nodules. <i>Thyroid</i> , 2014, 24, 305-313.	4.5	97
38	Ruling in or ruling out thyroid malignancy by molecular diagnostics of thyroid nodules. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2014, 28, 545-557.	4.7	32
39	Differential miRNA expression defines migration and reduced apoptosis in follicular thyroid carcinomas. <i>Molecular and Cellular Endocrinology</i> , 2014, 388, 1-9.	3.2	66
40	Somatic mutations in 33 benign and malignant hot thyroid nodules in children and adolescents. <i>Molecular and Cellular Endocrinology</i> , 2014, 393, 39-45.	3.2	32
41	Detection of <i>PAX8/PPARG</i> and <i>RET/PTC</i> Rearrangements Is Feasible in Routine Air-Dried Fine Needle Aspiration Smears. <i>Thyroid</i> , 2012, 22, 1025-1030.	4.5	54
42	Current State and Future Perspective of Molecular Diagnosis of Fine-Needle Aspiration Biopsy of Thyroid Nodules. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 2016-2026.	3.6	135
43	<i>PAX8/PPAR<math>\beta</math></i> Rearrangement Detection Is Feasible in Routine Air-Dried Fine Needle Aspiration (FNA) Smears. , 2011, , P1-709-P1-709.		0
44	Lack of <i>in vitro</i> constitutive activity for four previously reported TSH receptor mutations identified in patients with nonautoimmune hyperthyroidism and hot thyroid carcinomas. <i>Clinical Endocrinology</i> , 2010, 73, 815-820.	2.4	11
45	Clinical implications of molecular studies for the diagnosis of thyroid cancer. <i>Hormones</i> , 2010, 9, 51-56.	1.9	0
46	Molecular fine-needle aspiration biopsy diagnosis of thyroid nodules by tumor specific mutations and gene expression patterns. <i>Molecular and Cellular Endocrinology</i> , 2010, 322, 29-37.	3.2	107
47	Cases of Borderline <i>In Vitro</i> Constitutive Thyrotropin Receptor Activity: How to Decide Whether a Thyrotropin Receptor Mutation Is Constitutively Active or Not?. <i>Thyroid</i> , 2009, 19, 765-773.	4.5	21
48	Hyperthyroidism due to Thyroid Autonomy. , 2009, , 943-945.		0
49	Thyroid Nodules, <i>Cold</i> . , 2009, , 2075-2076.		0
50	<i>TFF3</i> -Based Candidate Gene Discrimination of Benign and Malignant Thyroid Tumors in a Region with Borderline Iodine Deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 1390-1393.	3.6	33
51	Perspectives for Improved and More Accurate Classification of Thyroid Epithelial Tumors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 3286-3294.	3.6	39
52	Perspectives and Limitations of Microarray-Based Gene Expression Profiling of Thyroid Tumors. <i>Endocrine Reviews</i> , 2007, 28, 322-338.	20.1	51
53	A multi-gene approach to differentiate papillary thyroid carcinoma from benign lesions: gene selection using support vector machines with bootstrapping. <i>Endocrine-Related Cancer</i> , 2007, 14, 809-826.	3.1	67
54	Insights from molecular pathways: potential pharmacologic targets of benign thyroid nodules. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2007, 14, 393-397.	2.3	3

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55	Comparison of Independent Samples of High-Dimensional Data by Pairwise Distance Measures. <i>Biometrical Journal</i> , 2007, 49, 230-241.	1.0	8
56	Comparison of differential gene expression of hot and cold thyroid nodules with primary epithelial cell culture models by investigation of co-regulated gene sets. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 263-271.	4.1	10
57	Meta- and Reanalysis of Gene Expression Profiles of Hot and Cold Thyroid Nodules and Papillary Thyroid Carcinoma for Gene Groups. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 1934-1942.	3.6	34
58	Search for relevant sets of variables in a high-dimensional setup keeping the familywise error rate. <i>Statistica Neerlandica</i> , 2005, 59, 298-312.	1.6	14
59	Gene Expression Analysis Reveals Evidence for Increased Expression of Cell Cycle-Associated Genes and Gq-Protein-Protein Kinase C Signaling in Cold Thyroid Nodules. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 1163-1170.	3.6	37
60	Molecular Pathogenesis of Euthyroid and Toxic Multinodular Goiter. <i>Endocrine Reviews</i> , 2005, 26, 504-524.	20.1	265
61	Sialylation of Human Thyrotropin Receptor Improves and Prolongs Its Cell-Surface Expression. <i>Molecular Pharmacology</i> , 2005, 68, 1106-1113.	2.3	16
62	Expression of Regulators of G Protein Signaling mRNA Is Differentially Regulated in Hot and Cold Thyroid Nodules. <i>Thyroid</i> , 2004, 14, 896-901.	4.5	10
63	RGS 2 expression is regulated by TSH and inhibits TSH receptor signaling. <i>European Journal of Endocrinology</i> , 2004, 151, 383-390.	3.7	22
64	Gene expression analysis reveals evidence for inactivation of the TGF- $\beta$ 2 signaling cascade in autonomously functioning thyroid nodules. <i>Oncogene</i> , 2004, 23, 795-804.	5.9	50
65	Nonparametric multiple test procedures with data-driven order of hypotheses and with weighted hypotheses. <i>Journal of Statistical Planning and Inference</i> , 2004, 125, 31-47.	0.6	36
66	Thyroglobulin mRNA quantification in the peripheral blood is not a reliable marker for the follow-up of patients with differentiated thyroid cancer. <i>European Journal of Endocrinology</i> , 2002, 147, 575-582.	3.7	35
67	Hormonal Regulation of Adiponectin Gene Expression in 3T3-L1 Adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 1084-1089.	2.1	603
68	Tumor Necrosis Factor $\alpha$ Is a Negative Regulator of Resistin Gene Expression and Secretion in 3T3-L1 Adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2001, 288, 1027-1031.	2.1	131
69	Isoproterenol inhibits resistin gene expression through a G <sub>s</sub> -protein-coupled pathway in 3T3-L1 adipocytes. <i>FEBS Letters</i> , 2001, 500, 60-63.	2.8	71
70	Adiponectin gene expression is inhibited by $\beta$ 2-adrenergic stimulation via protein kinase A in 3T3-L1 adipocytes. <i>FEBS Letters</i> , 2001, 507, 142-146.	2.8	233
71	Complementary DNA Expression Array Analysis Suggests a Lower Expression of Signal Transduction Proteins and Receptors in Cold and Hot Thyroid Nodules. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4834-4842.	3.6	30
72	Growth Factor Expression in Cold and Hot Thyroid Nodules. <i>Thyroid</i> , 2001, 11, 125-135.	4.5	22

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73	Complementary DNA Expression Array Analysis Suggests a Lower Expression of Signal Transduction Proteins and Receptors in Cold and Hot Thyroid Nodules. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 4834-4842.	3.6	11
74	PAX8/PPARG and RET/PTC rearrangement detection is feasible in routine air dried fine needle aspiration (FNA) smears. Thyroid, 0, , 120621101003006.	4.5	0