

Romana T Netea-Maier

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

9,079
citations

147566

31
h-index

54797

84
g-index

91
all docs

91
docs citations

91
times ranked

21862
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Metabolic Induction of Trained Immunity through the Mevalonate Pathway. <i>Cell</i> , 2018, 172, 135-146.e9.	13.5	485
3	Host and Environmental Factors Influencing Individual Human Cytokine Responses. <i>Cell</i> , 2016, 167, 1111-1124.e13.	13.5	364
4	Modulation of inflammation by autophagy: Consequences for human disease. <i>Autophagy</i> , 2016, 12, 245-260.	4.3	287
5	Metabolic changes in tumor cells and tumor-associated macrophages: A mutual relationship. <i>Cancer Letters</i> , 2018, 413, 102-109.	3.2	227
6	Discovery of common variants associated with low TSH levels and thyroid cancer risk. <i>Nature Genetics</i> , 2012, 44, 319-322.	9.4	208
7	A Meta-Analysis of Thyroid-Related Traits Reveals Novel Loci and Gender-Specific Differences in the Regulation of Thyroid Function. <i>PLoS Genetics</i> , 2013, 9, e1003266.	1.5	194
8	Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. <i>Nature Communications</i> , 2018, 9, 4455.	5.8	181
9	Identification of Novel Genetic Loci Associated with Thyroid Peroxidase Antibodies and Clinical Thyroid Disease. <i>PLoS Genetics</i> , 2014, 10, e1004123.	1.5	150
10	Specific and Complex Reprogramming of Cellular Metabolism in Myeloid Cells during Innate Immune Responses. <i>Cell Metabolism</i> , 2017, 26, 142-156.	7.2	144
11	A genome-wide association study yields five novel thyroid cancer risk loci. <i>Nature Communications</i> , 2017, 8, 14517.	5.8	117
12	European Thyroid Association and Cardiovascular and Interventional Radiological Society of Europe 2021 Clinical Practice Guideline for the Use of Minimally Invasive Treatments in Malignant Thyroid Lesions. <i>European Thyroid Journal</i> , 2021, 10, 185-197.	1.2	110
13	Integration of multi-omics data and deep phenotyping enables prediction of cytokine responses. <i>Nature Immunology</i> , 2018, 19, 776-786.	7.0	103
14	PI3K/Akt/mTOR: A promising therapeutic target for non-medullary thyroid carcinoma. <i>Cancer Treatment Reviews</i> , 2015, 41, 707-713.	3.4	95
15	Transcriptional and metabolic reprogramming induce an inflammatory phenotype in non-medullary thyroid carcinoma-induced macrophages. <i>Oncolmmunology</i> , 2016, 5, e1229725.	2.1	95
16	GWAS of thyroid stimulating hormone highlights pleiotropic effects and inverse association with thyroid cancer. <i>Nature Communications</i> , 2020, 11, 3981.	5.8	86
17	The role of [¹⁸ F]â€²-fluoroâ€²-deoxyâ€²-glucoseâ€²-positron emission tomography in thyroid nodules with indeterminate fineâ€²-needle aspiration biopsy. <i>Cancer</i> , 2011, 117, 4582-4594.	2.0	79
18	CDC73-Related Disorders: Clinical Manifestations and Case Detection in Primary Hyperparathyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 4534-4540.	1.8	65

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19	Understanding human immune function using the resources from the Human Functional Genomics Project. <i>Nature Medicine</i> , 2016, 22, 831-833.	15.2	63
20	High level of distress in long-term survivors of thyroid carcinoma: Results of rapid screening using the distress thermometer. <i>Acta Oncol</i> , 2013, 52, 128-137.	0.8	62
21	Insights into the role of IL-32 in cancer. <i>Seminars in Immunology</i> , 2018, 38, 24-32.	2.7	54
22	High mortality within 90 days of diagnosis in patients with Cushing's syndrome: results from the ERCUSYN registry. <i>European Journal of Endocrinology</i> , 2019, 181, 461-472.	1.9	53
23	Cellular metabolism of tumor-associated macrophages – functional impact and consequences. <i>FEBS Letters</i> , 2017, 591, 3022-3041.	1.3	51
24	Discovery and Validation of Protein Abundance Differences between Follicular Thyroid Neoplasms. <i>Cancer Research</i> , 2008, 68, 1572-1580.	0.4	49
25	Alternatively spliced isoforms of IL-32 differentially influence cell death pathways in cancer cell lines. <i>Carcinogenesis</i> , 2016, 37, 197-205.	1.3	49
26	Trends in incidence and mortality of thyroid carcinoma in The Netherlands between 1989 and 2003: Correlation with thyroid fine-needle aspiration cytology and thyroid surgery. <i>International Journal of Cancer</i> , 2008, 123, 1681-1684.	2.3	43
27	Assessing thyroid cancer risk using polygenic risk scores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5997-6002.	3.3	39
28	IGF1 potentiates the pro-inflammatory response in human peripheral blood mononuclear cells via MAPK. <i>Journal of Molecular Endocrinology</i> , 2017, 59, 129-139.	1.1	37
29	The effect of the ATG16L1 Thr300Ala polymorphism on susceptibility and outcome of patients with epithelial cell-derived thyroid carcinoma. <i>Endocrine-Related Cancer</i> , 2012, 19, L15-L18.	1.6	34
30	Role of Genetic Variants of Autophagy Genes in Susceptibility for Non-Medullary Thyroid Cancer and Patients Outcome. <i>PLoS ONE</i> , 2014, 9, e94086.	1.1	33
31	PTEN Hamartoma Tumor Syndrome and Immune Dysregulation. <i>Translational Oncology</i> , 2019, 12, 361-367.	1.7	33
32	Enhanced lipid biosynthesis in human tumor-induced macrophages contributes to their protumoral characteristics. , 2020, 8, e000638.		33
33	A promoter polymorphism in human interleukin-32 modulates its expression and influences the risk and the outcome of epithelial cell-derived thyroid carcinoma. <i>Carcinogenesis</i> , 2013, 34, 1529-1535.	1.3	32
34	mTOR Inhibition Promotes TTF1-Dependent Redifferentiation and Restores Iodine Uptake in Thyroid Carcinoma Cell Lines. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1368-E1375.	1.8	32
35	Age-related differences in health-related quality of life among thyroid cancer survivors compared with a normative sample: Results from the PROFILES Registry. <i>Head and Neck</i> , 2018, 40, 2235-2245.	0.9	31
36	Results of endoscopic transsphenoidal pituitary surgery in 40 patients with a growth hormone-secreting macroadenoma. <i>Acta Neurochirurgica</i> , 2011, 153, 1391-1399.	0.9	30

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37	Thyrotropin Versus Age Relation as an Indicator of Historical Iodine Intake. <i>Thyroid</i> , 2015, 25, 629-634.	2.4	29
38	Autophagy activity is associated with membranous sodium iodide symporter expression and clinical response to radioiodine therapy in non-medullary thyroid cancer. <i>Autophagy</i> , 2016, 12, 1195-1205.	4.3	29
39	Acromegaly, inflammation and cardiovascular disease: a review. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2020, 21, 547-568.	2.6	29
40	Autophagy in Thyroid Cancer: Present Knowledge and Future Perspectives. <i>Frontiers in Endocrinology</i> , 2015, 6, 22.	1.5	28
41	Long-Term Quality of Life in Adult Survivors of Pediatric Differentiated Thyroid Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1218-1226.	1.8	26
42	Integration of metabolomics, genomics, and immune phenotypes reveals the causal roles of metabolites in disease. <i>Genome Biology</i> , 2021, 22, 198.	3.8	26
43	Divergent Metastatic Patterns Between Subtypes of Thyroid Carcinoma Results From the Nationwide Dutch Pathology Registry. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e299-e306.	1.8	22
44	Predictors for Remission after Transsphenoidal Surgery in Acromegaly: A Dutch Multicenter Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1783-1792.	1.8	22
45	[18F]FDG-PET/CT to prevent futile surgery in indeterminate thyroid nodules: a blinded, randomised controlled multicentre trial. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1970-1984.	3.3	22
46	Effect of PTEN inactivating germline mutations on innate immune cell function and thyroid cancer-induced macrophages in patients with PTEN hamartoma tumor syndrome. <i>Oncogene</i> , 2019, 38, 3743-3755.	2.6	20
47	Long-Term Effects of Radioiodine Treatment on Female Fertility in Survivors of Childhood Differentiated Thyroid Carcinoma. <i>Thyroid</i> , 2020, 30, 1169-1176.	2.4	20
48	Digitalis-like Compounds Facilitate Non-Medullary Thyroid Cancer Redifferentiation through Intracellular Ca ²⁺ , FOS, and Autophagy-Dependent Pathways. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 169-181.	1.9	19
49	The Course of Obstructive Sleep Apnea Syndrome in Patients With Acromegaly During Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 290-304.	1.8	18
50	Persistent inflammation and endothelial dysfunction in patients with treated acromegaly. <i>Endocrine Connections</i> , 2019, 8, 1553-1567.	0.8	17
51	Postoperative use of somatostatin analogs and mortality in patients with acromegaly. <i>European Journal of Endocrinology</i> , 2019, 180, 1-9.	1.9	17
52	Diastolic Dysfunction is Common in Survivors of Pediatric Differentiated Thyroid Carcinoma. <i>Thyroid</i> , 2017, 27, 1481-1489.	2.4	16
53	The Impact of the Extent of Surgery on the Long-Term Outcomes of Patients with Low-Risk Differentiated Non-Medullary Thyroid Cancer: A Systematic Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2020, 9, 2316.	1.0	16
54	Metabolic programming of tumor associated macrophages in the context of cancer treatment. <i>Annals of Translational Medicine</i> , 2020, 8, 1028-1028.	0.7	16

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55	Seasonal and Nonseasonal Longitudinal Variation of Immune Function. <i>Journal of Immunology</i> , 2021, 207, 696-708.	0.4	16
56	Characteristics of contralateral carcinomas in patients with differentiated thyroid cancer larger than 1Åcm. <i>Langenbeck's Archives of Surgery</i> , 2016, 401, 365-373.	0.8	15
57	The Association of TSH and Thyroid Hormones With Lymphopenia in Bacterial Sepsis and COVID-19. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1994-2009.	1.8	15
58	Pathological processes and therapeutic advances in radioiodide refractory thyroid cancer. <i>Journal of Molecular Endocrinology</i> , 2017, 59, R141-R154.	1.1	13
59	Are illness perceptions, beliefs about medicines and Type D personality associated with medication adherence among thyroid cancer survivors? A study from the population-based PROFILES registry. <i>Psychology and Health</i> , 2020, 35, 128-143.	1.2	13
60	Psychological Distress and Illness Perceptions in Thyroid Cancer Survivors: Does Age Matter?. <i>Journal of Adolescent and Young Adult Oncology</i> , 2020, 9, 375-383.	0.7	13
61	Evaluation of the highly sensitive Roche thyroglobulin II assay and establishment of a reference limit for thyroglobulin-negative patient samples. <i>Practical Laboratory Medicine</i> , 2016, 5, 6-13.	0.6	12
62	Thyrotrophin and thyroxine support immune homeostasis in humans. <i>Immunology</i> , 2021, 163, 155-168.	2.0	12
63	Higher thyrotropin leads to unfavorable lipid profile and somewhat higher cardiovascular disease risk: evidence from multi-cohort Mendelian randomization and metabolomic profiling. <i>BMC Medicine</i> , 2021, 19, 266.	2.3	11
64	A Missed Diagnosis of Acromegaly During a Female-to-Male Gender Transition. <i>Archives of Sexual Behavior</i> , 2014, 43, 1199-1201.	1.2	10
65	Increased Adipocyte Size, Macrophage Infiltration, and Adverse Local Adipokine Profile in Perirenal Fat in Cushing's Syndrome. <i>Obesity</i> , 2017, 25, 1369-1374.	1.5	10
66	High prevalence of self-reported shoulder complaints after thyroid carcinoma surgery. <i>Head and Neck</i> , 2017, 39, 260-268.	0.9	10
67	Psychosocial development in survivors of childhood differentiated thyroid carcinoma: a cross-sectional study. <i>European Journal of Endocrinology</i> , 2018, 178, 215-223.	1.9	9
68	Interplay between thyroid cancer cells and macrophages: effects on IL-32 mediated cell death and thyroid cancer cell migration. <i>Cellular Oncology (Dordrecht)</i> , 2019, 42, 691-703.	2.1	9
69	The Influence of Energy Depletion by Metformin or Hypocaloric Diet on Thyroid Iodine Uptake in Healthy Volunteers: a Randomized Trial. <i>Scientific Reports</i> , 2019, 9, 5396.	1.6	8
70	Steroid hormone-related polymorphisms associate with the development of bone erosions in rheumatoid arthritis and help to predict disease progression: Results from the REPAIR consortium. <i>Scientific Reports</i> , 2019, 9, 14812.	1.6	7
71	⁶⁸ Ga-DOTA-TOC Uptake in Pleomorphic Adenoma. <i>Clinical Nuclear Medicine</i> , 2018, 43, 524-525.	0.7	6
72	Decreased Aerobic Exercise Capacity After Long-Term Remission From Cushing Syndrome: Exploration of Mechanisms. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1408-e1418.	1.8	6

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73	The Effects of Common Genetic Variation in 96 Genes Involved in Thyroid Hormone Regulation on TSH and FT4 Concentrations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2276-e2283.	1.8	6
74	Reduced thyroxine production in young household contacts of tuberculosis patients increases active tuberculosis disease risk. <i>JCI Insight</i> , 2021, 6, .	2.3	5
75	Kinase Inhibitorsâ€™ Effects on Innate Immunity in Solid Cancers. <i>Cancers</i> , 2021, 13, 5695.	1.7	5
76	Persistent improvement of bone mineral density up to 20 years after treatment of Cushingâ€™s syndrome. <i>European Journal of Endocrinology</i> , 2021, 185, 241-250.	1.9	4
77	Health-related quality of life following FDG-PET/CT for cytological indeterminate thyroid nodules. <i>Endocrine Connections</i> , 2022, 11, .	0.8	4
78	T-Cell Lymphopenia in Patients with Advanced Thyroid Carcinoma Is Associated with Poor Prognosis. <i>Oncologist</i> , 2019, 24, e106-e110.	1.9	3
79	Voice Characteristics in Patients with Acromegaly during Treatment. <i>Journal of Voice</i> , 2020, , .	0.6	3
80	Needs, Preferences, and Values during Different Treatment Decisions of Patients with Differentiated Thyroid Cancer. <i>Journal of Personalized Medicine</i> , 2021, 11, 682.	1.1	3
81	Akt1 genetic variants confer increased susceptibility to thyroid cancer. <i>Endocrine Connections</i> , 2020, 9, 1065-1074.	0.8	3
82	Bone Mineral Density in Adult Survivors of Pediatric Differentiated Thyroid Carcinoma: A Longitudinal Follow-Up Study. <i>Thyroid</i> , 2021, 31, 1707-1714.	2.4	2
83	Long-term male fertility after treatment with radioactive iodine for differentiated thyroid carcinoma. <i>European Journal of Endocrinology</i> , 2021, 185, 775-782.	1.9	2
84	Spontaneous bone infarction of the distal femur in a patient with Cushing's disease: a case report. <i>Bone Reports</i> , 2021, 14, 100756.	0.2	1
85	Schildklier carcinoom. <i>Bijblijven (Amsterdam, Netherlands)</i> , 2015, 31, 238-249.	0.0	0
86	Thyroid Microcarcinoma in Pediatric Population in Romania. <i>Children</i> , 2021, 8, 422.	0.6	0
87	Abnormal Thyroid Function Is Associated With Lymphopenia in Bacterial Sepsis and COVID-19. <i>Journal of the Endocrine Society</i> , 2021, 5, A835-A836.	0.1	0
88	IGF2 is a potential factor in RAIâ€™refractory differentiated thyroid cancer. <i>Oncology Letters</i> , 2021, 22, 590.	0.8	0
89	Akt1 genetic variants confer increased susceptibility to thyroid cancer. <i>Endocrine Connections</i> , 2020, 9, 1065-1074.	0.8	0
90	The impact of pre-existing thyroid diseases on susceptibility to respiratory infections or self-reported sickness during the SARS-CoV-2 pandemic. <i>Archives of Endocrinology and Metabolism</i> , 2022, , .	0.3	0