Romana T Netea-Maier

List of Publications by Year
in descending order

90 papers	9,079 citations	147801 31 h-index	54911 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). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Metabolic Induction of Trained Immunity through the Mevalonate Pathway. Cell, 2018, 172, 135-146.e9.	28.9	485
3	Host and Environmental Factors Influencing Individual Human Cytokine Responses. Cell, 2016, 167, 1111-1124.e13.	28.9	364
4	Modulation of inflammation by autophagy: Consequences for human disease. Autophagy, 2016, 12, 245-260.	9.1	287
5	Metabolic changes in tumor cells and tumor-associated macrophages: A mutual relationship. Cancer Letters, 2018, 413, 102-109.	7.2	227
6	Discovery of common variants associated with low TSH levels and thyroid cancer risk. Nature Genetics, 2012, 44, 319-322.	21.4	208
7	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.	3.5	194
8	Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. Nature Communications, 2018, 9, 4455.	12.8	181
9	Identification of Novel Genetic Loci Associated with Thyroid Peroxidase Antibodies and Clinical Thyroid Disease. PLoS Genetics, 2014, 10, e1004123.	3.5	150
10	Specific and Complex Reprogramming of Cellular Metabolism in Myeloid Cells during Innate Immune Responses. Cell Metabolism, 2017, 26, 142-156.	16.2	144
11	A genome-wide association study yields five novel thyroid cancer risk loci. Nature Communications, 2017, 8, 14517.	12.8	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. European Thyroid Journal, 2021, 10, 185-197.	2.4	110
13	Integration of multi-omics data and deep phenotyping enables prediction of cytokine responses. Nature Immunology, 2018, 19, 776-786.	14.5	103
14	PI3K/Akt/mTOR: A promising therapeutic target for non-medullary thyroid carcinoma. Cancer Treatment Reviews, 2015, 41, 707-713.	7.7	95
15	Transcriptional and metabolic reprogramming induce an inflammatory phenotype in non-medullary thyroid carcinoma-induced macrophages. OncoImmunology, 2016, 5, e1229725.	4.6	95
16	GWAS of thyroid stimulating hormone highlights pleiotropic effects and inverse association with thyroid cancer. Nature Communications, 2020, 11, 3981.	12.8	86
17	The role of [¹⁸F]â€2â€fluoroâ€2â€deoxyâ€dâ€glucoseâ€“positron emission tomography in thyroid nodules with indeterminate fineâ€needle aspiration biopsy. Cancer, 2011, 117, 4582-4594.	4.1	79
18	CDC73-Related Disorders: Clinical Manifestations and Case Detection in Primary Hyperparathyroidism. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 4534-4540.	3.6	65

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19	Understanding human immune function using the resources from the Human Functional Genomics Project. Nature Medicine, 2016, 22, 831-833.	30.7	63
20	High level of distress in long-term survivors of thyroid carcinoma: Results of rapid screening using the distress thermometer. Acta OncolÃ³gica, 2013, 52, 128-137.	1.8	62
21	Insights into the role of IL-32 in cancer. Seminars in Immunology, 2018, 38, 24-32.	5.6	54
22	High mortality within 90 days of diagnosis in patients with Cushingâ€™s syndrome: results from the ERCUSYN registry. European Journal of Endocrinology, 2019, 181, 461-472.	3.7	53
23	Cellular metabolism of tumorâ€associated macrophages â€“ functional impact and consequences. FEBS Letters, 2017, 591, 3022-3041.	2.8	51
24	Discovery and Validation of Protein Abundance Differences between Follicular Thyroid Neoplasms. Cancer Research, 2008, 68, 1572-1580.	0.9	49
25	Alternatively spliced isoforms of IL-32 differentially influence cell death pathways in cancer cell lines. Carcinogenesis, 2016, 37, 197-205.	2.8	49
26	Trends in incidence and mortality of thyroid carcinoma in The Netherlands between 1989 and 2003: Correlation with thyroid fineâ€needle aspiration cytology and thyroid surgery. International Journal of Cancer, 2008, 123, 1681-1684.	5.1	43
27	Assessing thyroid cancer risk using polygenic risk scores. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5997-6002.	7.1	39
28	IGF1 potentiates the pro-inflammatory response in human peripheral blood mononuclear cells via MAPK. Journal of Molecular Endocrinology, 2017, 59, 129-139.	2.5	37
29	The effect of the ATG16L1 Thr300Ala polymorphism on susceptibility and outcome of patients with epithelial cell-derived thyroid carcinoma. Endocrine-Related Cancer, 2012, 19, L15-L18.	3.1	34
30	Role of Genetic Variants of Autophagy Genes in Susceptibility for Non-Medullary Thyroid Cancer and Patients Outcome. PLoS ONE, 2014, 9, e94086.	2.5	33
31	PTEN Hamartoma Tumor Syndrome and Immune Dysregulation. Translational Oncology, 2019, 12, 361-367.	3.7	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. Carcinogenesis, 2013, 34, 1529-1535.	2.8	32
34	mTOR Inhibition Promotes TTF1-Dependent Redifferentiation and Restores Iodine Uptake in Thyroid Carcinoma Cell Lines. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1368-E1375.	3.6	32
35	Ageâ€related differences in healthâ€related quality of life among thyroid cancer survivors compared with a normative sample: Results from the PROFILES Registry. Head and Neck, 2018, 40, 2235-2245.	2.0	31
36	Results of endoscopic transsphenoidal pituitary surgery in 40 patients with a growth hormone-secreting macroadenoma. Acta Neurochirurgica, 2011, 153, 1391-1399.	1.7	30

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37	Thyrotropin Versus Age Relation as an Indicator of Historical Iodine Intake. Thyroid, 2015, 25, 629-634.	4.5	29
38	Autophagy activity is associated with membranous sodium iodide symporter expression and clinical response to radioiodine therapy in non-medullary thyroid cancer. Autophagy, 2016, 12, 1195-1205.	9.1	29
39	Acromegaly, inflammation and cardiovascular disease: a review. Reviews in Endocrine and Metabolic Disorders, 2020, 21, 547-568.	5.7	29
40	Autophagy in Thyroid Cancer: Present Knowledge and Future Perspectives. Frontiers in Endocrinology, 2015, 6, 22.	3.5	28
41	Long-Term Quality of Life in Adult Survivors of Pediatric Differentiated Thyroid Carcinoma. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1218-1226.	3.6	26
42	Integration of metabolomics, genomics, and immune phenotypes reveals the causal roles of metabolites in disease. Genome Biology, 2021, 22, 198.	8.8	26
43	Divergent Metastatic Patterns Between Subtypes of Thyroid Carcinoma Results From the Nationwide Dutch Pathology Registry. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e299-e306.	3.6	22
44	Predictors for Remission after Transsphenoidal Surgery in Acromegaly: A Dutch Multicenter Study. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1783-1792.	3.6	22
45	[18F]FDG-PET/CT to prevent futile surgery in indeterminate thyroid nodules: a blinded, randomised controlled multicentre trial. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 1970-1984.	6.4	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. Oncogene, 2019, 38, 3743-3755.	5.9	20
47	Long-Term Effects of Radioiodine Treatment on Female Fertility in Survivors of Childhood Differentiated Thyroid Carcinoma. Thyroid, 2020, 30, 1169-1176.	4.5	20
48	Digitalis-like Compounds Facilitate Non-Medullary Thyroid Cancer Redifferentiation through Intracellular Ca2+, FOS, and Autophagy-Dependent Pathways. Molecular Cancer Therapeutics, 2017, 16, 169-181.	4.1	19
49	The Course of Obstructive Sleep Apnea Syndrome in Patients With Acromegaly During Treatment. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 290-304.	3.6	18
50	Persistent inflammation and endothelial dysfunction in patients with treated acromegaly. Endocrine Connections, 2019, 8, 1553-1567.	1.9	17
51	Postoperative use of somatostatin analogs and mortality in patients with acromegaly. European Journal of Endocrinology, 2019, 180, 1-9.	3.7	17
52	Diastolic Dysfunction is Common in Survivors of Pediatric Differentiated Thyroid Carcinoma. Thyroid, 2017, 27, 1481-1489.	4.5	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. Journal of Clinical Medicine, 2020, 9, 2316.	2.4	16
54	Metabolic programming of tumor associated macrophages in the context of cancer treatment. Annals of Translational Medicine, 2020, 8, 1028-1028.	1.7	16

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55	Seasonal and Nonseasonal Longitudinal Variation of Immune Function. Journal of Immunology, 2021, 207, 696-708.	0.8	16
56	Characteristics of contralateral carcinomas in patients with differentiated thyroid cancer larger than 1Âcm. Langenbeck's Archives of Surgery, 2016, 401, 365-373.	1.9	15
57	The Association of TSH and Thyroid Hormones With Lymphopenia in Bacterial Sepsis and COVID-19. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1994-2009.	3.6	15
58	Pathological processes and therapeutic advances in radioiodide refractory thyroid cancer. Journal of Molecular Endocrinology, 2017, 59, R141-R154.	2.5	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. Psychology and Health, 2020, 35, 128-143.	2.2	13
60	Psychological Distress and Illness Perceptions in Thyroid Cancer Survivors: Does Age Matter?. Journal of Adolescent and Young Adult Oncology, 2020, 9, 375-383.	1.3	13
61	Evaluation of the highly sensitive Roche thyroglobulin II assay and establishment of a reference limit for thyroglobulin-negative patient samples. Practical Laboratory Medicine, 2016, 5, 6-13.	1.3	12
62	Thyrotrophin and thyroxine support immune homeostasis in humans. Immunology, 2021, 163, 155-168.	4.4	12
63	Higher thyrotropin leads to unfavorable lipid profile and somewhat higher cardiovascular disease risk: evidence from multi-cohort Mendelian randomization and metabolomic profiling. BMC Medicine, 2021, 19, 266.	5.5	11
64	A Missed Diagnosis of Acromegaly During a Female-to-Male Gender Transition. Archives of Sexual Behavior, 2014, 43, 1199-1201.	1.9	10
65	Increased Adipocyte Size, Macrophage Infiltration, and Adverse Local Adipokine Profile in Perirenal Fat in Cushing's Syndrome. Obesity, 2017, 25, 1369-1374.	3.0	10
66	High prevalence of selfâ€reported shoulder complaints after thyroid carcinoma surgery. Head and Neck, 2017, 39, 260-268.	2.0	10
67	Psychosocial development in survivors of childhood differentiated thyroid carcinoma: a cross-sectional study. European Journal of Endocrinology, 2018, 178, 215-223.	3.7	9
68	Interplay between thyroid cancer cells and macrophages: effects on IL-32 mediated cell death and thyroid cancer cell migration. Cellular Oncology (Dordrecht), 2019, 42, 691-703.	4.4	9
69	The Influence of Energy Depletion by Metformin or Hypocaloric Diet on Thyroid Iodine Uptake in Healthy Volunteers: a Randomized Trial. Scientific Reports, 2019, 9, 5396.	3.3	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. Scientific Reports, 2019, 9, 14812.	3.3	7
71	68Ga-DOTA-TOC Uptake in Pleomorphic Adenoma. Clinical Nuclear Medicine, 2018, 43, 524-525.	1.3	6
72	Decreased Aerobic Exercise Capacity After Long-Term Remission From Cushing Syndrome: Exploration of Mechanisms. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e1408-e1418.	3.6	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. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e2276-e2283.	3.6	6
74	Reduced thyroxine production in young household contacts of tuberculosis patients increases active tuberculosis disease risk. JCI Insight, 2021, 6, .	5.0	5
75	Kinase Inhibitorsâ€™ Effects on Innate Immunity in Solid Cancers. Cancers, 2021, 13, 5695.	3.7	5
76	Persistent improvement of bone mineral density up to 20 years after treatment of Cushingâ€™s syndrome. European Journal of Endocrinology, 2021, 185, 241-250.	3.7	4
77	Health-related quality of life following FDG-PET/CT for cytological indeterminate thyroid nodules. Endocrine Connections, 2022, 11, .	1.9	4
78	T-Cell Lymphopenia in Patients with Advanced Thyroid Carcinoma Is Associated with Poor Prognosis. Oncologist, 2019, 24, e106-e110.	3.7	3
79	Voice Characteristics in Patients with Acromegaly during Treatment. Journal of Voice, 2020, , .	1.5	3
80	Needs, Preferences, and Values during Different Treatment Decisions of Patients with Differentiated Thyroid Cancer. Journal of Personalized Medicine, 2021, 11, 682.	2.5	3
81	Akt1 genetic variants confer increased susceptibility to thyroid cancer. Endocrine Connections, 2020, 9, 1065-1074.	1.9	3
82	Bone Mineral Density in Adult Survivors of Pediatric Differentiated Thyroid Carcinoma: A Longitudinal Follow-Up Study. Thyroid, 2021, 31, 1707-1714.	4.5	2
83	Long-term male fertility after treatment with radioactive iodine for differentiated thyroid carcinoma. European Journal of Endocrinology, 2021, 185, 775-782.	3.7	2
84	Spontaneous bone infarction of the distal femur in a patient with Cushing's disease: a case report. Bone Reports, 2021, 14, 100756.	0.4	1
85	Schildkliercarcinoom. Bijblijven (Amsterdam, Netherlands), 2015, 31, 238-249.	0.0	0
86	Thyroid Microcarcinoma in Pediatric Population in Romania. Children, 2021, 8, 422.	1.5	0
87	Abnormal Thyroid Function Is Associated With Lymphopenia in Bacterial Sepsis and COVID-19. Journal of the Endocrine Society, 2021, 5, A835-A836.	0.2	0
88	IGF2 is a potential factor in RAIâ€‘refractory differentiated thyroid cancer. Oncology Letters, 2021, 22, 590.	1.8	0
89	Akt1 genetic variants confer increased susceptibility to thyroid cancer. Endocrine Connections, 2020, 9, 1065-1074.	1.9	0
90	The impact of pre-existing thyroid diseases on susceptibility to respiratory infections or self-reported sickness during the SARS-CoV-2 pandemic. Archives of Endocrinology and Metabolism, 2022, , .	0.6	0