

Theo S Plantinga

List of Publications by Year in descending order

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97
papers

6,627
citations

81900

39
h-index

64796

79
g-index

100
all docs

100
docs citations

100
times ranked

12807
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Dectin-1 Deficiency and Mucocutaneous Fungal Infections. <i>New England Journal of Medicine</i> , 2009, 361, 1760-1767.	27.0	671
2	<i>STAT1</i> Mutations in Autosomal Dominant Chronic Mucocutaneous Candidiasis. <i>New England Journal of Medicine</i> , 2011, 365, 54-61.	27.0	614
3	Modulation of inflammation by autophagy: Consequences for human disease. <i>Autophagy</i> , 2016, 12, 245-260.	9.1	287
4	IL-1 receptor blockade restores autophagy and reduces inflammation in chronic granulomatous disease in mice and in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3526-3531.	7.1	273
5	Early Stop Polymorphism in Human DECTIN1 Is Associated with Increased <i>Candida</i> Colonization in Hematopoietic Stem Cell Transplant Recipients. <i>Clinical Infectious Diseases</i> , 2009, 49, 724-732.	5.8	226
6	Human TLR10 is an anti-inflammatory pattern-recognition receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4478-84.	7.1	211
7	Discovery of common variants associated with low TSH levels and thyroid cancer risk. <i>Nature Genetics</i> , 2012, 44, 319-322.	21.4	208
8	CX3CR1-dependent renal macrophage survival promotes <i>Candida</i> control and host survival. <i>Journal of Clinical Investigation</i> , 2013, 123, 5035-5051.	8.2	190
9	Inflammasome-Independent Modulation of Cytokine Response by Autophagy in Human Cells. <i>PLoS ONE</i> , 2011, 6, e18666.	2.5	182
10	Crohn's disease-associated ATG16L1 polymorphism modulates pro-inflammatory cytokine responses selectively upon activation of NOD2. <i>Gut</i> , 2011, 60, 1229-1235.	12.1	172
11	The dectin-1/inflammasome pathway is responsible for the induction of protective T-helper 17 responses that discriminate between yeasts and hyphae of <i>Candida albicans</i> . <i>Journal of Leukocyte Biology</i> , 2011, 90, 357-366.	3.3	169
12	Functional genomics identifies type I interferon pathway as central for host defense against <i>Candida albicans</i> . <i>Nature Communications</i> , 2013, 4, 1342.	12.8	157
13	Identification of Novel Genetic Loci Associated with Thyroid Peroxidase Antibodies and Clinical Thyroid Disease. <i>PLoS Genetics</i> , 2014, 10, e1004123.	3.5	150
14	TLR2 & Co: a critical analysis of the complex interactions between TLR2 and coreceptors. <i>Journal of Leukocyte Biology</i> , 2013, 94, 885-902.	3.3	119
15	A genome-wide association study yields five novel thyroid cancer risk loci. <i>Nature Communications</i> , 2017, 8, 14517.	12.8	117
16	Toll-like Receptor 1 Polymorphisms Increase Susceptibility to Candidemia. <i>Journal of Infectious Diseases</i> , 2012, 205, 934-943.	4.0	116
17	The Y238X Stop Codon Polymorphism in the Human β -Glucan Receptor Dectin-1 and Susceptibility to Invasive Aspergillosis. <i>Journal of Infectious Diseases</i> , 2011, 203, 736-743.	4.0	111
18	STAT1 Hyperphosphorylation and Defective IL12R/IL23R Signaling Underlie Defective Immunity in Autosomal Dominant Chronic Mucocutaneous Candidiasis. <i>PLoS ONE</i> , 2011, 6, e29248.	2.5	101

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19	<i>MEFV</i> mutations affecting pyrin amino acid 577 cause autosomal dominant autoinflammatory disease. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 455-461.	0.9	101
20	The C-Type Lectin Receptor CLECSF8/CLEC4D Is a Key Component of Anti-Mycobacterial Immunity. <i>Cell Host and Microbe</i> , 2015, 17, 252-259.	11.0	100
21	PI3K/Akt/mTOR: A promising therapeutic target for non-medullary thyroid carcinoma. <i>Cancer Treatment Reviews</i> , 2015, 41, 707-713.	7.7	95
22	Transcriptional and metabolic reprogramming induce an inflammatory phenotype in non-medullary thyroid carcinoma-induced macrophages. <i>Oncotmmunology</i> , 2016, 5, e1229725.	4.6	95
23	Convergent evolution in European and Roma populations reveals pressure exerted by plague on Toll-like receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2668-2673.	7.1	88
24	GWAS of thyroid stimulating hormone highlights pleiotropic effects and inverse association with thyroid cancer. <i>Nature Communications</i> , 2020, 11, 3981.	12.8	86
25	Genetic Variation in the Dectin-1/CARD9 Recognition Pathway and Susceptibility to Candidemia. <i>Journal of Infectious Diseases</i> , 2011, 204, 1138-1145.	4.0	80
26	ImmunoChip SNP array identifies novel genetic variants conferring susceptibility to candidaemia. <i>Nature Communications</i> , 2014, 5, 4675.	12.8	76
27	Autophagy modulates the Mycobacterium tuberculosis-induced cytokine response. <i>Immunology</i> , 2011, 134, 341-348.	4.4	73
28	The RIG-I-like helicase receptor MDA5 (IFIH1) is involved in the host defense against Candida infections. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2015, 34, 963-974.	2.9	69
29	Cytokine Gene Polymorphisms and the Outcome of Invasive Candidiasis: A Prospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2012, 54, 502-510.	5.8	68
30	Gene polymorphisms in pattern recognition receptors and susceptibility to idiopathic recurrent vulvovaginal candidiasis. <i>Frontiers in Microbiology</i> , 2014, 5, 483.	3.5	66
31	A TIR Domain Variant of MyD88 Adapter-like (Mal)/TIRAP Results in Loss of MyD88 Binding and Reduced TLR2/TLR4 Signaling. <i>Journal of Biological Chemistry</i> , 2009, 284, 25742-25748.	3.4	62
32	Differential Toll-Like Receptor Recognition and Induction of Cytokine Profile by Bifidobacterium breve and Lactobacillus Strains of Probiotics. <i>Vaccine Journal</i> , 2011, 18, 621-628.	3.1	58
33	Low prevalence of lactase persistence in Neolithic South-West Europe. <i>European Journal of Human Genetics</i> , 2012, 20, 778-782.	2.8	55
34	Association of a variable number tandem repeat in the NLRP3 gene in women with susceptibility to RVVC. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2016, 35, 797-801.	2.9	51
35	Alternatively spliced isoforms of IL-32 differentially influence cell death pathways in cancer cell lines. <i>Carcinogenesis</i> , 2016, 37, 197-205.	2.8	49
36	Polymorphisms in Autophagy Genes and Susceptibility to Tuberculosis. <i>PLoS ONE</i> , 2012, 7, e41618.	2.5	49

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37	Genetic Variation of Innate Immune Genes in HIV-Infected African Patients With or Without Oropharyngeal Candidiasis. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2010, 55, 87-94.	2.1	48
38	Genetic Basis for Recurrent Vulvo-Vaginal Candidiasis. <i>Current Infectious Disease Reports</i> , 2013, 15, 136-142.	3.0	43
39	TLR1, TLR2, and TLR6 Gene Polymorphisms Are Associated With Increased Susceptibility to Complicated Skin and Skin Structure Infections. <i>Journal of Infectious Diseases</i> , 2014, 210, 311-318.	4.0	41
40	Blueprints of Signaling Interactions between Pattern Recognition Receptors: Implications for the Design of Vaccine Adjuvants. <i>Vaccine Journal</i> , 2013, 20, 427-432.	3.1	39
41	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.	7.1	39
42	The incidence of acute graft-versus-host disease increases with <i>Candida</i> colonization depending the dectin-1 gene status. <i>Clinical Immunology</i> , 2010, 136, 302-306.	3.2	38
43	Genetic Association Analysis of the Functional c.714T>G Polymorphism and Mucosal Expression of Dectin-1 in Inflammatory Bowel Disease. <i>PLoS ONE</i> , 2009, 4, e7818.	2.5	38
44	Human genetic susceptibility to <i>Candida</i> infections. <i>Medical Mycology</i> , 2012, 50, 785-794.	0.7	37
45	Different Patterns of Toll-Like Receptor 2 Polymorphisms in Populations of Various Ethnic and Geographic Origins. <i>Infection and Immunity</i> , 2012, 80, 1917-1922.	2.2	36
46	Preclinical Characterization and Phase I Trial Results of a Bispecific Antibody Targeting PD-L1 and 4-1BB (GEN1046) in Patients with Advanced Refractory Solid Tumors. <i>Cancer Discovery</i> , 2022, 12, 1248-1265.	9.4	36
47	Autophagy is redundant for the host defense against systemic <i>Candida albicans</i> infections. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 711-722.	2.9	35
48	Defective trained immunity in patients with STAT-1-dependent chronic mucocutaneous candidiasis. <i>Clinical and Experimental Immunology</i> , 2015, 181, 434-440.	2.6	35
49	Natural Loss-of-function Mutation of Myeloid Differentiation Protein 88 Disrupts Its Ability to Form Myddosomes. <i>Journal of Biological Chemistry</i> , 2011, 286, 11875-11882.	3.4	34
50	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.	3.1	34
51	Role of Genetic Variants of Autophagy Genes in Susceptibility for Non-Medullary Thyroid Cancer and Patients Outcome. <i>PLoS ONE</i> , 2014, 9, e94086.	2.5	33
52	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.	2.8	32
53	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.	3.6	32
54	Semiquantitative ¹²³ I-Metaiodobenzylguanidine Scintigraphy to Distinguish Pheochromocytoma and Paraganglioma from Physiologic Adrenal Uptake and Its Correlation with Genotype-Dependent Expression of Catecholamine Transporters. <i>Journal of Nuclear Medicine</i> , 2015, 56, 839-846.	5.0	30

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55	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.	9.1	29
56	Modulation of inflammation by autophagy: consequences for Crohn's disease. <i>Current Opinion in Pharmacology</i> , 2012, 12, 497-502.	3.5	28
57	Autophagy in Thyroid Cancer: Present Knowledge and Future Perspectives. <i>Frontiers in Endocrinology</i> , 2015, 6, 22.	3.5	28
58	Targetable gene fusions identified in radioactive iodine refractory advanced thyroid carcinoma. <i>European Journal of Endocrinology</i> , 2019, 180, 235-241.	3.7	28
59	Persistent centripetal fat distribution and metabolic abnormalities in patients in long-term remission of Cushing's syndrome. <i>Clinical Endocrinology</i> , 2015, 82, 180-187.	2.4	24
60	Functional consequences of DECTIN-1 early stop codon polymorphism Y238X in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2010, 12, R26.	3.5	23
61	ATG16L1 polymorphisms are associated with NOD2-induced hyperinflammation. <i>Autophagy</i> , 2011, 7, 1074-1075.	9.1	22
62	Autophagy Modulates <i>Borrelia burgdorferi</i> -induced Production of Interleukin-1 β (IL-1 β). <i>Journal of Biological Chemistry</i> , 2013, 288, 8658-8666.	3.4	21
63	Association of autophagy-related 16-like 1 (ATG16L1) gene polymorphism with sepsis severity in patients with sepsis and ventilator-associated pneumonia. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 1609-1614.	2.9	21
64	The Evolutionary History of TLR4 Polymorphisms in Europe. <i>Journal of Innate Immunity</i> , 2012, 4, 168-175.	3.8	19
65	<i>IRGM</i> gene polymorphisms and risk of gastric cancer. <i>Journal of Digestive Diseases</i> , 2012, 13, 360-365.	1.5	19
66	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.	4.1	19
67	<i>MST1R</i> mutation as a genetic cause of Lady Windermere syndrome. <i>European Respiratory Journal</i> , 2017, 49, 1601478.	6.7	18
68	Polymorphisms in cytokine genes IL6, TNF, IL10, IL17A and IFNG influence susceptibility to complicated skin and skin structure infections. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 2267-2274.	2.9	17
69	Role of autophagy genetic variants for the risk of <i>Candida</i> infections. <i>Medical Mycology</i> , 2014, 52, 333-341.	0.7	17
70	Glucocorticoid receptor polymorphisms modulate cardiometabolic risk factors in patients in long-term remission of Cushing's syndrome. <i>Endocrine</i> , 2016, 53, 63-70.	2.3	16
71	The impact of caspase-12 on susceptibility to candidemia. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2012, 31, 277-280.	2.9	14
72	NOD2 is dispensable for ATG16L1 deficiency-mediated resistance to urinary tract infection. <i>Autophagy</i> , 2014, 10, 331-338.	9.1	14

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73	Digitalislike Compounds Restore hNIS Expression and Iodide Uptake Capacity in Anaplastic Thyroid Cancer. <i>Journal of Nuclear Medicine</i> , 2018, 59, 780-786.	5.0	14
74	Modulation of Toll-like receptor ligands and <i>Candida albicans</i> -induced cytokine responses by specific probiotics. <i>Cytokine</i> , 2012, 59, 159-165.	3.2	13
75	Role of NOD1 polymorphism in susceptibility and clinical progression of rheumatoid arthritis. <i>Rheumatology</i> , 2013, 52, 806-814.	1.9	13
76	Pathological processes and therapeutic advances in radioiodide refractory thyroid cancer. <i>Journal of Molecular Endocrinology</i> , 2017, 59, R141-R154.	2.5	13
77	Vascular Health in Patients in Remission of Cushing's Syndrome Is Comparable With That in BMI-Matched Controls. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4142-4150.	3.6	12
78	Rare NOX3 Variants Confer Susceptibility to Agranulocytosis During Thyrostatic Treatment of Graves' Disease. <i>Clinical Pharmacology and Therapeutics</i> , 2017, 102, 1017-1024.	4.7	12
79	Y-Chromosome Analysis in Individuals Bearing the Basarab Name of the First Dynasty of Wallachian Kings. <i>PLoS ONE</i> , 2012, 7, e41803.	2.5	11
80	Chocolate consumption modulates cytokine production in healthy individuals. <i>Cytokine</i> , 2013, 62, 40-43.	3.2	10
81	Increased Adipocyte Size, Macrophage Infiltration, and Adverse Local Adipokine Profile in Perirenal Fat in Cushing's Syndrome. <i>Obesity</i> , 2017, 25, 1369-1374.	3.0	10
82	The Loss of Functional Caspase-12 in Europe Is a Pre-Neolithic Event. <i>PLoS ONE</i> , 2012, 7, e37022.	2.5	10
83	Association of NF- κ B polymorphisms with clinical outcome of non-medullary thyroid carcinoma. <i>Endocrine-Related Cancer</i> , 2017, 24, 307-318.	3.1	9
84	A role for TLR1, TLR2 and NOD2 in cytokine induction by <i>Bacteroides fragilis</i> . <i>Cytokine</i> , 2012, 60, 861-869.	3.2	8
85	Digoxin treatment reactivates in vivo radioactive iodide uptake and correlates with favorable clinical outcome in non-medullary thyroid cancer. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 611-625.	4.4	8
86	Variation in Genes of β -glucan Recognition Pathway and Susceptibility to Opportunistic Infections in HIV-Positive Patients. <i>Immunological Investigations</i> , 2011, 40, 735-750.	2.0	7
87	TLR1 polymorphisms in Europeans and spontaneous pregnancy loss. <i>Gene</i> , 2012, 494, 109-111.	2.2	6
88	Genetic Variation of <i>TLR2</i> and <i>TLR4</i> Among the Saudi Arabian Population: Insight into the Evolutionary Dynamics of the Arabian Peninsula. <i>Genetic Testing and Molecular Biomarkers</i> , 2013, 17, 166-169.	0.7	6
89	A missense mutation underlies defective SOCS4 function in a family with autoimmunity. <i>Journal of Internal Medicine</i> , 2015, 278, 203-210.	6.0	6
90	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.	3.6	6

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91	Host-microbe interactions in stem cell transplantation; recognizing Candida in infection and inflammation. <i>Virulence</i> , 2010, 1, 180-184.	4.4	5
92	Assessment of Inflammasome Activation in Primary Human Immune Cells. <i>Methods in Molecular Biology</i> , 2013, 1040, 29-39.	0.9	3
93	Exploring the Role of IL-32 in HIV-Related Kaposi Sarcoma. <i>American Journal of Pathology</i> , 2018, 188, 196-203.	3.8	3
94	Akt1 genetic variants confer increased susceptibility to thyroid cancer. <i>Endocrine Connections</i> , 2020, 9, 1065-1074.	1.9	3
95	Novel PI3K β Mutation in a 44-Year-Old Man with Chronic Infections and Chronic Pelvic Pain. <i>PLoS ONE</i> , 2013, 8, e68118.	2.5	2
96	IGF2 is a potential factor in RAI β -refractory differentiated thyroid cancer. <i>Oncology Letters</i> , 2021, 22, 590.	1.8	0
97	Akt1 genetic variants confer increased susceptibility to thyroid cancer. <i>Endocrine Connections</i> , 2020, 9, 1065-1074.	1.9	0