

Thomas Perkmann

List of Publications by Year in descending order

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Version: 2024-02-01

116
papers

5,070
citations

136950

32
h-index

102487

66
g-index

133
all docs

133
docs citations

133
times ranked

9446
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Oxidative Stress and Toll-like Receptor 4 Signaling as a Key Pathway of Acute Lung Injury. <i>Cell</i> , 2008, 133, 235-249.	28.9	1,164
2	Oxidation-specific epitopes are dominant targets of innate natural antibodies in mice and humans. <i>Journal of Clinical Investigation</i> , 2009, 119, 1335-1349.	8.2	397
3	SARS-CoV-2 vaccination in rituximab-treated patients: B cells promote humoral immune responses in the presence of T-cell-mediated immunity. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1345-1350.	0.9	211
4	Mean Platelet Volume May Represent a Predictive Parameter for Overall Vascular Mortality and Ischemic Heart Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1215-1218.	2.4	192
5	Vesicles generated during storage of red cells are rich in the lipid raft marker stomatin. <i>Transfusion</i> , 2008, 48, 451-462.	1.6	152
6	Coagulation parameters and major bleeding in critically ill patients with cirrhosis. <i>Hepatology</i> , 2016, 64, 556-568.	7.3	148
7	Anti-Spike Protein Assays to Determine SARS-CoV-2 Antibody Levels: a Head-to-Head Comparison of Five Quantitative Assays. <i>Microbiology Spectrum</i> , 2021, 9, e0024721.	3.0	148
8	Side-by-Side Comparison of Three Fully Automated SARS-CoV-2 Antibody Assays with a Focus on Specificity. <i>Clinical Chemistry</i> , 2020, 66, 1405-1413.	3.2	122
9	SARS-CoV-2 vaccination in rituximab-treated patients: evidence for impaired humoral but inducible cellular immune response. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1355-1356.	0.9	116
10	A Randomized Clinical Trial of Anti-IL-6 Antibody Clazakizumab in Late Antibody-Mediated Kidney Transplant Rejection. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 708-722.	6.1	101
11	Circulating microparticles carry oxidation-specific epitopes and are recognized by natural IgM antibodies. <i>Journal of Lipid Research</i> , 2015, 56, 440-448.	4.2	96
12	Usage Data and Scientific Impact of the Prospectively Established Fluid Bioresources at the Hospital-Based MedUni Wien Biobank. <i>Biopreservation and Biobanking</i> , 2018, 16, 477-482.	1.0	81
13	Complementary role of copeptin and high-sensitivity troponin in predicting outcome in patients with stable chronic heart failure. <i>European Journal of Heart Failure</i> , 2011, 13, 726-733.	7.1	80
14	Immunological imprint of COVID-19 on human peripheral blood leukocyte populations. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 751-765.	5.7	71
15	Increased mortality in patients with the lupus anticoagulant: the Vienna Lupus Anticoagulant and Thrombosis Study (LATS). <i>Blood</i> , 2015, 125, 3477-3483.	1.4	63
16	Additive Gene-Environment Effects on Hippocampal Structure in Healthy Humans. <i>Journal of Neuroscience</i> , 2014, 34, 9917-9926.	3.6	59
17	Arterial stiffness in acute COVID-19 and potential associations with clinical outcome. <i>Journal of Internal Medicine</i> , 2021, 290, 437-443.	6.0	55
18	Physical Exercise Counteracts Genetic Susceptibility to Depression. <i>Neuropsychobiology</i> , 2015, 71, 168-175.	1.9	54

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19	Reagent-free monitoring of multiple clinically relevant parameters in human blood plasma using a mid-infrared quantum cascade laser based sensor system. <i>Analyst</i> , The, 2013, 138, 4022.	3.5	53
20	Humoral Immune Response in Hematooncological Patients and Health Care Workers Who Received SARS-CoV-2 Vaccinations. <i>JAMA Oncology</i> , 2022, 8, 106.	7.1	53
21	Increased Plasma IgE Accelerate Atherosclerosis in Secreted IgM Deficiency. <i>Circulation Research</i> , 2017, 120, 78-84.	4.5	52
22	Lupus-anticoagulant testing at NOAC trough levels. <i>Thrombosis and Haemostasis</i> , 2016, 116, 235-240.	3.4	47
23	Clinical impact of arterial ammonia levels in ICU patients with different liver diseases. <i>Intensive Care Medicine</i> , 2013, 39, 1227-1237.	8.2	46
24	von Willebrand factor antigen for detection of hepatopulmonary syndrome in patients with cirrhosis. <i>Journal of Hepatology</i> , 2014, 61, 544-549.	3.7	43
25	Long-Term Outcome of Anti-Glomerular Basement Membrane Antibody Disease Treated with Immunoabsorption. <i>PLoS ONE</i> , 2014, 9, e103568.	2.5	43
26	Additional heterologous versus homologous booster vaccination in immunosuppressed patients without SARS-CoV-2 antibody seroconversion after primary mRNA vaccination: a randomised controlled trial. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 687-694.	0.9	43
27	ABO antibody and complement depletion by immunoabsorption combined with membrane filtration--a randomized, controlled, cross-over trial. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 706-714.	0.7	41
28	SARS-CoV-2 seroprevalence in oncology healthcare professionals and patients with cancer at a tertiary care centre during the COVID-19 pandemic. <i>ESMO Open</i> , 2020, 5, e000889.	4.5	39
29	Antibodies in serum of convalescent patients following mild COVID-19 do not always prevent virus-receptor binding. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 878-883.	5.7	39
30	Regulation of protein C inhibitor (PCI) activity by specific oxidized and negatively charged phospholipids. <i>Blood</i> , 2007, 109, 4769-4776.	1.4	35
31	Increased specific T cell cytokine responses in patients with active pulmonary tuberculosis from Central Africa. <i>Microbes and Infection</i> , 2005, 7, 1161-1169.	1.9	34
32	A comprehensive antigen production and characterisation study for easy-to-implement, specific and quantitative SARS-CoV-2 serotests. <i>EBioMedicine</i> , 2021, 67, 103348.	6.1	34
33	Machine learning for fast identification of bacteraemia in SIRS patients treated on standard care wards: a cohort study. <i>Scientific Reports</i> , 2018, 8, 12233.	3.3	32
34	Oppositional COMT Val158Met effects on resting state functional connectivity in adolescents and adults. <i>Brain Structure and Function</i> , 2016, 221, 103-114.	2.3	31
35	VITA-D: Cholecalciferol substitution in vitamin D deficient kidney transplant recipients: A randomized, placebo-controlled study to evaluate the post-transplant outcome. <i>Trials</i> , 2009, 10, 36.	1.6	30
36	Third dose of SARS-CoV-2 vaccination in hemato-oncological patients and health care workers: immune responses and adverse events – a retrospective cohort study. <i>European Journal of Cancer</i> , 2022, 165, 184-194.	2.8	29

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37	Cognitive function in elderly marathon runners: Cross-sectional data from the marathon trial (apsoem). <i>Wiener Klinische Wochenschrift</i> , 2010, 122, 704-716.	1.9	28
38	Prognostic value of culprit site neutrophils in acute coronary syndrome. <i>European Journal of Clinical Investigation</i> , 2014, 44, 257-265.	3.4	28
39	β ₂ 15 ⁴² Protects against Acid-induced Acute Lung Injury and Secondary Pseudomonas Pneumonia In Vivo. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 1208-1217.	5.6	26
40	ISG12 is a critical modulator of innate immune responses in murine models of sepsis. <i>Immunobiology</i> , 2013, 218, 1207-1216.	1.9	26
41	Usefulness of Pre-Operative Copeptin Concentrations to Predict Post-Operative Outcome After Major Vascular Surgery. <i>American Journal of Cardiology</i> , 2011, 108, 1188-1195.	1.6	25
42	Role of angiogenic factors/cell adhesion markers in serum of cirrhotic patients with hepatopulmonary syndrome. <i>Liver International</i> , 2015, 35, 1499-1507.	3.9	23
43	Extracorporeal IgE Immunoabsorption in Allergic Asthma: Safety and Efficacy. <i>EBioMedicine</i> , 2017, 17, 119-133.	6.1	23
44	The effect of storage temperature fluctuations on the stability of biochemical analytes in blood serum. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 974-983.	2.3	22
45	Two years of treatment with the recombinant grass pollen allergy vaccine BM32 induces a continuously increasing allergen-specific IgG4 response. <i>EBioMedicine</i> , 2019, 50, 421-432.	6.1	22
46	Disparate effects of adalimumab and fumaric acid esters on cardiovascular risk factors in psoriasis patients: results from a prospective, randomized, observer-blinded head-to-head trial. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2021, 35, 441-449.	2.4	22
47	Plasma myeloperoxidase level and peripheral arterial disease. <i>European Journal of Clinical Investigation</i> , 2012, 42, 463-469.	3.4	21
48	Affective and inflammatory responses among orchestra musicians in performance situation. <i>Brain, Behavior, and Immunity</i> , 2014, 37, 23-29.	4.1	21
49	Efficacy of Fosfomycin Compared to Vancomycin in Treatment of Implant-Associated Chronic Methicillin-Resistant Staphylococcus aureus Osteomyelitis in Rats. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5111-5116.	3.2	21
50	WAVE1 mediates suppression of phagocytosis by phospholipid-derived DAMPs. <i>Journal of Clinical Investigation</i> , 2013, 123, 3014-3024.	8.2	21
51	A Risk Prediction Model for Screening Bacteremic Patients: A Cross Sectional Study. <i>PLoS ONE</i> , 2014, 9, e106765.	2.5	20
52	The Comparability of Anti-Spike SARS-CoV-2 Antibody Tests is Time-Dependent: a Prospective Observational Study. <i>Microbiology Spectrum</i> , 2022, 10, e0140221.	3.0	20
53	Differential Impact of Inflammation on Six Laboratory Assays Measuring Residual Arachidonic Acid-Inducible Platelet Reactivity During Dual Antiplatelet Therapy. <i>Journal of Atherosclerosis and Thrombosis</i> , 2013, 20, 630-645.	2.0	19
54	Intranasal administration of allergen increases specific IgE whereas intranasal omalizumab does not increase serum IgE levels – A pilot study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 1003-1012.	5.7	19

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55	Platelet Serotonin Transporter Function Predicts Default-Mode Network Activity. <i>PLoS ONE</i> , 2014, 9, e92543.	2.5	19
56	Importance of the second SARS-CoV-2 vaccination dose for achieving serological response in patients with rheumatoid arthritis and seronegative spondyloarthritis. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 416-421.	0.9	19
57	Circulating levels of the interleukin (IL)-4 receptor and of IL-18 in patients with malaria. <i>Cytokine</i> , 2005, 29, 153-158.	3.2	18
58	Circulating progranulin levels in women with gestational diabetes mellitus and healthy controls during and after pregnancy. <i>European Journal of Endocrinology</i> , 2012, 167, 561-567.	3.7	18
59	Plasma fibrinogen and blood platelet counts are associated with response to neoadjuvant therapy in esophageal cancer. <i>Biomarkers in Medicine</i> , 2015, 9, 327-335.	1.4	18
60	Relation of Nailfold Capillaries and Autoantibodies to Mortality in Patients With Raynaud Phenomenon. <i>Circulation</i> , 2016, 133, 509-517.	1.6	18
61	Genotypic Diversity of Complement Component C4 Does Not Predict Kidney Transplant Outcome. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 367-376.	6.1	17
62	Associations of nailfold capillary abnormalities and immunological markers in early Raynaud's phenomenon. <i>Scandinavian Journal of Rheumatology</i> , 2014, 43, 226-233.	1.1	17
63	25(OH)D and 1,25(OH)D vitamin D fails to predict sepsis and mortality in a prospective cohort study. <i>Scientific Reports</i> , 2017, 7, 40646.	3.3	17
64	High risk of adverse pregnancy outcomes in women with a persistent lupus anticoagulant. <i>Blood Advances</i> , 2019, 3, 769-776.	5.2	17
65	Serum Glutathione S-Transferase P1 1 in Prediction of Cardiac Function. <i>Journal of Cardiac Failure</i> , 2012, 18, 253-261.	1.7	15
66	Sepsis biomarkers in neutropaenic systemic inflammatory response syndrome patients on standard care wards. <i>European Journal of Clinical Investigation</i> , 2015, 45, 815-823.	3.4	15
67	Thrombocytes Correlate with Lymphangiogenesis in Human Esophageal Cancer and Mediate Growth of Lymphatic Endothelial Cells In Vitro. <i>PLoS ONE</i> , 2013, 8, e66941.	2.5	15
68	Interleukin-6 and Asymmetric Dimethylarginine Are Associated with Platelet Activation after Percutaneous Angioplasty with Stent Implantation. <i>PLoS ONE</i> , 2015, 10, e0122586.	2.5	14
69	Serum antibody response to BNT162b2 after natural SARS-CoV-2 infection. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13632.	3.4	14
70	Response to SARS-CoV-2 vaccination in systemic autoimmune rheumatic disease depends on immunosuppressive regimen: a matched, prospective cohort study. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 1017-1022.	0.9	14
71	The EGF 61A/G polymorphism is a predictive marker for recurrence of liver metastases from colorectal cancer. <i>Wiener Klinische Wochenschrift</i> , 2009, 121, 638-643.	1.9	13
72	Sepsis in standard care: patients' characteristics, effectiveness of antimicrobial therapy and patient outcome—a cohort study. <i>Infection</i> , 2015, 43, 345-352.	4.7	13

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73	Subclinical hypothyroidism and mortality in a large Austrian cohort: a possible impact on treatment?. <i>Wiener Klinische Wochenschrift</i> , 2015, 127, 924-930.	1.9	13
74	Rapid decline in insulin antibodies and glutamic acid decarboxylase autoantibodies with ibrutinib therapy of chronic lymphocytic leukaemia. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2018, 43, 145-149.	1.5	13
75	Initial SARS-CoV-2 vaccination response can predict booster response for BNT162b2 but not for AZD1222. <i>International Journal of Infectious Diseases</i> , 2021, 110, 309-313.	3.3	13
76	Anti-Neuronal IgG4 Autoimmune Diseases and IgG4-Related Diseases May Not Be Part of the Same Spectrum: A Comparative Study. <i>Frontiers in Immunology</i> , 2021, 12, 785247.	4.8	13
77	Basal myokine levels are associated with quality of life and depressed mood in older adults. <i>Psychophysiology</i> , 2021, 58, e13799.	2.4	12
78	Torque Teno Virus quantification for monitoring of immunomodulation with biologic compounds in the treatment of rheumatoid arthritis. <i>Rheumatology</i> , 2022, 61, 2815-2825.	1.9	12
79	Chronic Lymphocytic Leukemia Patients Have a Preserved Cytomegalovirus-Specific Antibody Response despite Progressive Hypogammaglobulinemia. <i>PLoS ONE</i> , 2013, 8, e78925.	2.5	11
80	Pro-oxidant HDL predicts poor outcome in patients with ST-elevation acute coronary syndrome. <i>Thrombosis and Haemostasis</i> , 2015, 114, 133-138.	3.4	11
81	Midday and nadir salivary cortisol appear superior to cortisol awakening response in burnout assessment and monitoring. <i>Scientific Reports</i> , 2018, 8, 9151.	3.3	11
82	Allergen-specific IgE levels and the ability of IgE-allergen complexes to cross-link determine the extent of CD23-mediated T-cell activation. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 958-967.e5.	2.9	11
83	Highly sensitive ELISA-based assay for quantification of allergen-specific IgE antibody levels. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2668-2670.	5.7	11
84	Spike Protein Antibodies Mediate the Apparent Correlation between SARS-CoV-2 Nucleocapsid Antibodies and Neutralization Test Results. <i>Microbiology Spectrum</i> , 2021, 9, e0021821.	3.0	11
85	Acquired C1 esterase inhibitor deficiency in lymphomas: prevalence, symptoms, and response to treatment. <i>Leukemia and Lymphoma</i> , 2016, 57, 2033-2036.	1.3	10
86	Evaluation of the automated coagulation analyzer CS-5100 and its utility in high throughput laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, 1193-202.	2.3	9
87	rs6295 [C]-Allele Protects Against Depressive Mood in Elderly Endurance Athletes. <i>Journal of Sport and Exercise Psychology</i> , 2015, 37, 637-645.	1.2	8
88	Gender-related impact on outcomes of high density lipoprotein in acute ST-elevation myocardial infarction. <i>Atherosclerosis</i> , 2016, 251, 460-466.	0.8	8
89	Evaluation of the Septifast MGrade Test on Standard Care Wards—A Cohort Study. <i>PLoS ONE</i> , 2016, 11, e0151108.	2.5	8
90	The usefulness of CYFRA 21-1 to diagnose and predict preeclampsia: a nested case-control study. <i>BMC Pregnancy and Childbirth</i> , 2016, 16, 339.	2.4	7

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91	9p21.3 risk locus is associated with first-ever myocardial infarction in an Austrian cohort. <i>Journal of Cardiovascular Medicine</i> , 2016, 17, 595-600.	1.5	7
92	A Multidisciplinary Intervention in Childhood Obesity Acutely Improves Insulin Resistance and Inflammatory Markers Independent From Body Composition. <i>Frontiers in Pediatrics</i> , 2020, 8, 52.	1.9	7
93	Low Vitamin D Levels Do Not Predict Hyperglycemia in Elderly Endurance Athletes (but in Controls). <i>PLoS ONE</i> , 2016, 11, e0157695.	2.5	7
94	Thrombogenicity of Microparticles Derived from Vascular Cells.. <i>Blood</i> , 2006, 108, 382-382.	1.4	7
95	A combination of routine blood analytes predicts fitness decrement in elderly endurance athletes. <i>PLoS ONE</i> , 2017, 12, e0177174.	2.5	6
96	Neither Single nor a Combination of Routine Laboratory Parameters can Discriminate between Gram-positive and Gram-negative Bacteremia. <i>Scientific Reports</i> , 2015, 5, 16008.	3.3	5
97	The recipient's heme oxygenase-1 promoter region polymorphism is associated with cardiac allograft vasculopathy. <i>Transplant International</i> , 2017, 30, 510-518.	1.6	5
98	Comparison of high-sensitivity C-reactive protein vs. C-reactive protein for diagnostic accuracy and prediction of mortality in patients with acute myocardial infarction. <i>Annals of Clinical Biochemistry</i> , 2021, 58, 342-349.	1.6	5
99	Delays during PBMC isolation have a moderate effect on yield, but severely compromise cell viability. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, 60, 701-706.	2.3	5
100	Coagulation factor VIII levels are associated with long-term survival – interactions with gender in a large hospital-based cohort. <i>Wiener Klinische Wochenschrift</i> , 2010, 122, 334-340.	1.9	4
101	Urine and serum concentrations of Cytokeratin 19 in preeclampsia. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 181, 311-315.	1.1	4
102	Quality management at the national biobanking level – establishing a culture of mutual trust and support: the BBMRI.at example. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, e301-e305.	2.3	4
103	Red Blood Cell Derived Microparticles Are Thrombogenic in Mouse Models of Atherosclerosis.. <i>Blood</i> , 2007, 110, 3624-3624.	1.4	4
104	Profound differences in IgE and IgG recognition of microarrayed allergens in hyper-IgE syndromes. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1761-1771.	5.7	4
105	Growth Differentiation Factor-15 Correlates Inversely with Protease-Activated Receptor-1-Mediated Platelet Reactivity in Patients with Left Ventricular Assist Devices. <i>Pharmaceuticals</i> , 2022, 15, 484.	3.8	4
106	The Effect of 3.2% and 3.8% Sodium Citrate on Specialized Coagulation Tests. <i>Archives of Pathology and Laboratory Medicine</i> , 2018, 142, 992-997.	2.5	3
107	Inflammatory state does not affect the antiplatelet efficacy of potent P2Y12 inhibitors in ACS. <i>Platelets</i> , 2021, 32, 498-506.	2.3	3
108	Chronic inflammation predicts long-term mortality in patients with Raynaud's phenomenon. <i>Journal of Internal Medicine</i> , 2018, 283, 293-302.	6.0	2

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109	Testing lupus anticoagulants in a real-life scenario - a retrospective cohort study. <i>Biochemia Medica</i> , 2017, 27, 030705.	2.7	2
110	Research update for articles published in EJCI in 2012. <i>European Journal of Clinical Investigation</i> , 2014, 44, 1010-1023.	3.4	1
111	Evaluation of Eosinophilic Cationic Protein as a Marker of Alveolar and Cystic Echinococcosis. <i>Pathogens</i> , 2022, 11, 261.	2.8	1
112	Response to Letter Regarding Article, "Relation of Nailfold Capillaries and Autoantibodies to Mortality in Patients With Raynaud Phenomenon". <i>Circulation</i> , 2016, 133, e669.	1.6	0
113	THU0101...TORQUE TENO VIRAL LOAD FOR MONITORING OF BIOLOGICAL THERAPIES IN RHEUMATOID ARTHRITIS. , 2019, , .		0
114	Phosphatidylserine and Oxidized Phosphatidylethanolamine Interact with Protein C Inhibitor (PCI) and Modify Its Activity.. <i>Blood</i> , 2005, 106, 1026-1026.	1.4	0
115	WAVE1 mediates suppression of phagocytosis by phospholipid-derived DAMPs. <i>Journal of Clinical Investigation</i> , 2013, 123, 4540-4540.	8.2	0
116	Arterial stiffness in acute coronary syndrome as a potential triage tool: a prospective observational study. <i>Minerva Medica</i> , 2022, , .	0.9	0