

# Markus Herrmann

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

823  
citations

566801

15  
h-index

610482

24  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1200  
citing authors

#	ARTICLE	IF	CITATIONS
1	Associations of major depressive disorder and related clinical characteristics with 25-hydroxyvitamin D levels in middle-aged adults. <i>Nutritional Neuroscience</i> , 2022, 25, 1209-1218.	1.5	15
2	Comparison of two LC-MS/MS methods for the quantification of 24,25-dihydroxyvitamin D3 in patients and external quality assurance samples. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, 60, 74-81.	1.4	10
3	Longitudinal Comparison of Automated SARS-CoV-2 Serology Assays in Assessing Virus Neutralization Capacity in COVID-19 Convalescent Sera. <i>Archives of Pathology and Laboratory Medicine</i> , 2022, 146, 538-546.	1.2	3
4	Telomere length in leucocytes and solid tissues of young and aged rats. <i>Aging</i> , 2022, 14, 1713-1728.	1.4	10
5	Occupational Health Aspects with Special Focus on Physiological Differences between Office and Metalworkers. <i>Antioxidants</i> , 2022, 11, 633.	2.2	2
6	The Controversial Role of HCY and Vitamin B Deficiency in Cardiovascular Diseases. <i>Nutrients</i> , 2022, 14, 1412.	1.7	21
7	Identification of contagious SARS-CoV-2 infected individuals by Roche's Rapid Antigen Test. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, 60, 778-785.	1.4	7
8	Investigation of the Relationship between the Mid_Thigh Adipose Tissue Distribution Measured by MRI and Serum Osteocalcin – A Sex-Based Approach. <i>Nutrients</i> , 2022, 14, 112.	1.7	3
9	Development of a liquid chromatography mass spectrometry method for the determination of vitamin K1, menaquinone-4, menaquinone-7 and vitamin K1-2,3 epoxide in serum of individuals without vitamin K supplements. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, 60, 1011-1019.	1.4	4
10	Vitamin D metabolism in living kidney donors before and after organ donation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, .	1.4	0
11	Influences of Long-Term Exercise and High-Fat Diet on Age-Related Telomere Shortening in Rats. <i>Cells</i> , 2022, 11, 1605.	1.8	5
12	Intensity-dependent stimulation of leukocyte telomerase activity by endurance exercise – a pilot study. <i>Laboratoriums Medizin</i> , 2022, 46, 179-185.	0.1	1
13	Dramatic Decrease of Vitamin K2 Subtype Menaquinone-7 in COVID-19 Patients. <i>Antioxidants</i> , 2022, 11, 1235.	2.2	6
14	Procalcitonin measurement by Diazyme's immunturbidimetric and Elecsys BRAHMS's PCT Assay on a Roche COBAS modular analyzer. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, e362-e366.	1.4	3
15	Association of vitamin D metabolites with cognitive function and brain atrophy in elderly individuals - the Austrian stroke prevention study. <i>Aging</i> , 2021, 13, 9455-9467.	1.4	7
16	Implementation of a Dual-Column Liquid Chromatography-Tandem Mass-Spectrometry Method for the Quantification of Isavuconazole in Clinical Practice. <i>Journal of Laboratory Physicians</i> , 2021, 13, 123-128.	0.4	3
17	Immune Aging and Immunotherapy in Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7016.	1.8	30
18	Vitamin D Metabolites and Clinical Outcome in Hospitalized COVID-19 Patients. <i>Nutrients</i> , 2021, 13, 2129.	1.7	17

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19	The effects of long-term moderate exercise and Western-type diet on oxidative/nitrosative stress, serum lipids and cytokines in female Sprague Dawley rats. <i>European Journal of Nutrition</i> , 2021, , 1.	1.8	5
20	Impact of a Single 36 Hours Prolonged Fasting Period in Adults With Type 1 Diabetes – A Cross-Over Controlled Trial. <i>Frontiers in Endocrinology</i> , 2021, 12, 656346.	1.5	6
21	Long-lasting immune response to a mild course of PCR-confirmed SARS-CoV-2 infection: A cohort study. <i>Journal of Infection</i> , 2021, 83, 607-635.	1.7	5
22	A Novel Method for the Determination of Vitamin D Metabolites Assessed at the Blood-Cerebrospinal Fluid Barrier. <i>Biomolecules</i> , 2021, 11, 1288.	1.8	5
23	Telomeres and Age-Related Diseases. <i>Biomedicines</i> , 2021, 9, 1335.	1.4	37
24	The relationship between plasma free fatty acids, cognitive function and structural integrity of the brain in middle-aged healthy humans. <i>Aging</i> , 2021, 13, 22078-22091.	1.4	1
25	Soluble urokinase plasminogen activator receptor (suPAR) predicts critical illness and kidney failure in patients admitted to the intensive care unit. <i>Scientific Reports</i> , 2021, 11, 17476.	1.6	8
26	The crux of C1-INH testing in everyday lab work. <i>Journal of Immunological Methods</i> , 2021, 497, 113109.	0.6	5
27	Individual uromodulin serum concentration is independent of glomerular filtration rate in healthy kidney donors. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 563-570.	1.4	9
28	Comparison of the reliability of Gram-negative and Gram-positive flags of the Sysmex UF-5000 with manual Gram stain and urine culture results. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 619-624.	1.4	10
29	Distribution of subcutaneous and intermuscular fatty tissue of the mid-thigh measured by MRI – A putative indicator of serum adiponectin level and individual factors of cardio-metabolic risk. <i>PLoS ONE</i> , 2021, 16, e0259952.	1.1	7
30	Sex-Specific Association of Serum Anti-Oxidative Capacity and Leukocyte Telomere Length. <i>Antioxidants</i> , 2021, 10, 1908.	2.2	6
31	Increased Kynurenine Indicates a Fatal Course of COVID-19. <i>Antioxidants</i> , 2021, 10, 1960.	2.2	23
32	Comparison of the diagnostic performance of two automated urine sediment analyzers with manual phase-contrast microscopy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 268-273.	1.4	11
33	Vitamin D testing: advantages and limits of the current assays. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 231-247.	1.3	81
34	Towards a personalized assessment of vitamin D status. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 149-151.	1.4	10
35	Simultaneous determination of 24,25- and 25,26-dihydroxyvitamin D3 in serum samples with liquid-chromatography mass spectrometry – A useful tool for the assessment of vitamin D metabolism. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> . 2020, 1158, 122394.	1.2	29
36	The Importance of Telomere Shortening for Atherosclerosis and Mortality. <i>Journal of Cardiovascular Development and Disease</i> , 2020, 7, 29.	0.8	22

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37	Haptoglobin polymorphism and prostate cancer mortality. <i>Scientific Reports</i> , 2020, 10, 13117.	1.6	5
38	Telomere shortening associates with elevated insulin and nuchal fat accumulation. <i>Scientific Reports</i> , 2020, 10, 6863.	1.6	13
39	Sex-Specific Associations of Trimethylamine-N-Oxide and Zonulin with Signs of Depression in Carbohydrate Malabsorbers and Nonmalabsorbers. <i>Disease Markers</i> , 2020, 2020, 1-6.	0.6	21
40	Assessment of trimethylamine-N-oxide at the blood-cerebrospinal fluid barrier: Results from 290 lumbar punctures. <i>EXCLI Journal</i> , 2020, 19, 1275-1281.	0.5	9
41	Aerobic capacity and telomere length in human skeletal muscle and leukocytes across the lifespan. <i>Aging</i> , 2020, 12, 359-369.	1.4	15
42	Physical activity, a modulator of aging through effects on telomere biology. <i>Aging</i> , 2020, 12, 13803-13823.	1.4	30
43	The impact of folate and vitamin B12 status on cognitive function and brain atrophy in healthy elderly and demented Austrians, a retrospective cohort study. <i>Aging</i> , 2020, 12, 15478-15491.	1.4	5
44	Branched-chain amino acids are linked with iron metabolism. <i>Annals of Translational Medicine</i> , 2020, 8, 1569-1569.	0.7	14
45	Circulating Sclerostin Levels Are Positively Related to Coronary Artery Disease Severity and Related Risk Factors. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 273-284.	3.1	10
46	Long time blood-transfusion trend in a European general hospital. <i>EXCLI Journal</i> , 2020, 19, 855-860.	0.5	1
47	Interleukin-6 is associated with tryptophan metabolism and signs of depression in individuals with carbohydrate malabsorption. <i>EXCLI Journal</i> , 2020, 19, 1414-1422.	0.5	2
48	Associations between tryptophan and iron metabolism observed in individuals with and without iron deficiency. <i>Scientific Reports</i> , 2019, 9, 14548.	1.6	15
49	Algorithm for the Use of Biochemical Markers of Bone Turnover in the Diagnosis, Assessment and Follow-Up of Treatment for Osteoporosis. <i>Advances in Therapy</i> , 2019, 36, 2811-2824.	1.3	60
50	Comparison of lipoprotein (a) serum concentrations measured by six commercially available immunoassays. <i>Atherosclerosis</i> , 2019, 289, 206-213.	0.4	66
51	Subcutaneous adipose tissue distribution and telomere length. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1358-1363.	1.4	9
52	Marrow Fat-Secreted Factors as Biomarkers for Osteoporosis. <i>Current Osteoporosis Reports</i> , 2019, 17, 429-437.	1.5	18
53	Evaluation of a commercial liquid-chromatography high-resolution mass-spectrometry method for the determination of hepcidin-25. <i>Biochemia Medica</i> , 2019, 29, 292-301.	1.2	3
54	Metabolomics approach in the investigation of depression biomarkers in pharmacologically induced immune-related depression. <i>PLoS ONE</i> , 2018, 13, e0208238.	1.1	16

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55	Relative telomere length and prostate cancer mortality. Prostate Cancer and Prostatic Diseases, 2018, 21, 579-583.	2.0	19
56	Work Intensity, Low-Grade Inflammation, and Oxidative Status: A Comparison between Office and Slaughterhouse Workers. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-7.	1.9	17
57	25-Hydroxyvitamin D testing: challenging the performance of current automated immunoassays. Clinical Chemistry and Laboratory Medicine, 2012, 50, 1953-1963.	1.4	48