

Uta Merle

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

3,051
citations

257101

24
h-index

189595

50
g-index

90
all docs

90
docs citations

90
times ranked

4668
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 infects and replicates in cells of the human endocrine and exocrine pancreas. <i>Nature Metabolism</i> , 2021, 3, 149-165.	5.1	378
2	Persistent Symptoms in Adult Patients 1 Year After Coronavirus Disease 2019 (COVID-19): A Prospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2022, 74, 1191-1198.	2.9	330
3	Vitamin D Deficiency and Outcome of COVID-19 Patients. <i>Nutrients</i> , 2020, 12, 2757.	1.7	312
4	Late-Onset Wilson's Disease. <i>Gastroenterology</i> , 2007, 132, 1294-1298.	0.6	227
5	The Iron Regulatory Peptide Hepcidin Is Expressed in the Heart and Regulated by Hypoxia and Inflammation. <i>Endocrinology</i> , 2007, 148, 2663-2668.	1.4	147
6	SARS-CoV-2 infection induces a pro-inflammatory cytokine response through cGAS-STING and NF- κ B. <i>Communications Biology</i> , 2022, 5, 45.	2.0	133
7	Truncating mutations in the Wilson disease gene ATP7B are associated with very low serum ceruloplasmin oxidase activity and an early onset of Wilson disease. <i>BMC Gastroenterology</i> , 2010, 10, 8.	0.8	88
8	Activation of liver X receptor/retinoid X receptor pathway ameliorates liver disease in <i>Atp7b</i> ^{-/-} (Wilson disease) mice. <i>Hepatology</i> , 2016, 63, 1828-1841.	3.6	82
9	Serum ceruloplasmin oxidase activity is a sensitive and highly specific diagnostic marker for Wilson's disease. <i>Journal of Hepatology</i> , 2009, 51, 925-930.	1.8	76
10	First results of the "Lean European Open Survey on SARS-CoV-2-Infected Patients (LEOSS)". <i>Infection</i> , 2021, 49, 63-73.	2.3	62
11	Hypoferremia is Associated With Increased Hospitalization and Oxygen Demand in COVID-19 Patients. <i>HemaSphere</i> , 2020, 4, e492.	1.2	58
12	Soluble receptor for advanced glycation end products (sRAGE) as a biomarker of COVID-19 disease severity and indicator of the need for mechanical ventilation, ARDS and mortality. <i>Annals of Intensive Care</i> , 2021, 11, 50.	2.2	54
13	Lentiviral gene transfer ameliorates disease progression in Long-Evans cinnamon rats: An animal model for Wilson disease. <i>Scandinavian Journal of Gastroenterology</i> , 2006, 41, 974-982.	0.6	51
14	Plasma exchange in critically ill COVID-19 patients. <i>Critical Care</i> , 2020, 24, 481.	2.5	45
15	Severe dysfunction of respiratory chain and cholesterol metabolism in <i>Atp7b</i> ^{-/-} mice as a model for Wilson disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1607-1615.	1.8	43
16	Laser ablation inductively coupled plasma mass spectrometry imaging of metals in experimental and clinical Wilson's disease. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 806-814.	1.6	42
17	Influence of Homozygosity for Methionine at Codon 129 of the Human Prion Gene on the Onset of Neurological and Hepatic Symptoms in Wilson Disease. <i>Archives of Neurology</i> , 2006, 63, 982.	4.9	40
18	Predictors and Prognostic Implications of Cardiac Arrhythmias in Patients Hospitalized for COVID-19. <i>Journal of Clinical Medicine</i> , 2021, 10, 133.	1.0	39

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19	Iron metabolism and the role of <i>HFE</i> gene polymorphisms in Wilson disease. <i>Liver International</i> , 2012, 32, 165-170.	1.9	38
20	Results from a national survey on COVID-19-associated mucormycosis in Germany: 13 patients from six tertiary hospitals. <i>Mycoses</i> , 2022, 65, 103-109.	1.8	38
21	Sensitivity and specificity of plasma disappearance rate of indocyanine green as a prognostic indicator in acute liver failure. <i>BMC Gastroenterology</i> , 2009, 9, 91.	0.8	37
22	Lack of antibodies against seasonal coronavirus OC43 nucleocapsid protein identifies patients at risk of critical COVID-19. <i>Journal of Clinical Virology</i> , 2021, 139, 104847.	1.6	37
23	Iron Stores Modulate Hepatic Hfe Expression by an <i>HFE</i> -Independent Pathway. <i>Digestion</i> , 2005, 72, 25-32.	1.2	35
24	Simultaneous monitoring of cerebral metal accumulation in an experimental model of Wilson's disease by laser ablation inductively coupled plasma mass spectrometry. <i>BMC Neuroscience</i> , 2014, 15, 98.	0.8	33
25	High rate of HSV-1 reactivation in invasively ventilated COVID-19 patients: Immunological findings. <i>PLoS ONE</i> , 2021, 16, e0254129.	1.1	30
26	Neurological symptoms and complications in predominantly hospitalized COVID-19 patients: Results of the European multinational Lean European Open Survey on SARS-CoV-2 Infected Patients (LEOSS). <i>European Journal of Neurology</i> , 2021, 28, 3925-3937.	1.7	25
27	Stressors faced by healthcare professionals and coping strategies during the early stage of the COVID-19 pandemic in Germany. <i>PLoS ONE</i> , 2022, 17, e0261502.	1.1	25
28	Localization of the Wilson disease protein in murine intestine. <i>Journal of Anatomy</i> , 2008, 213, 232-240.	0.9	24
29	Evidence for a critical role of ceruloplasmin oxidase activity in iron metabolism of Wilson disease gene knockout mice. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2010, 25, 1144-1150.	1.4	24
30	EASIX for Prediction of Outcome in Hospitalized SARS-CoV-2 Infected Patients. <i>Frontiers in Immunology</i> , 2021, 12, 634416.	2.2	22
31	Microscopy-based assay for semi-quantitative detection of SARS-CoV-2 specific antibodies in human sera. <i>BioEssays</i> , 2021, 43, e2000257.	1.2	22
32	Clinical features of Wilson disease. <i>Annals of Translational Medicine</i> , 2019, 7, S61-S61.	0.7	21
33	Cell Cycle Biomarkers and Soluble Urokinase-Type Plasminogen Activator Receptor for the Prediction of Sepsis-Induced Acute Kidney Injury Requiring Renal Replacement Therapy: A Prospective, Exploratory Study. <i>Critical Care Medicine</i> , 2019, 47, e999-e1007.	0.4	20
34	Perspectives for Gene Therapy of Wilson Disease. <i>Current Gene Therapy</i> , 2007, 7, 217-220.	0.9	19
35	Localization of the iron-regulatory proteins hemojuvelin and transferrin receptor 2 to the basolateral membrane domain of hepatocytes. <i>Histochemistry and Cell Biology</i> , 2007, 127, 221-226.	0.8	18
36	Prediction of COVID-19 deterioration in high-risk patients at diagnosis: an early warning score for advanced COVID-19 developed by machine learning. <i>Infection</i> , 2021, , 1.	2.3	18

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37	Severe Dysbiosis and Specific <i>Haemophilus</i> and <i>Neisseria</i> Signatures as Hallmarks of the Oropharyngeal Microbiome in Critically Ill Coronavirus Disease 2019 (COVID-19) Patients. <i>Clinical Infectious Diseases</i> , 2022, 75, e1063-e1071.	2.9	18
38	Inflammation induces pro-NETotic neutrophils via TNFR2 signaling. <i>Cell Reports</i> , 2022, 39, 110710.	2.9	18
39	Early and Rapid Identification of COVID-19 Patients with Neutralizing Type I Interferon Auto-antibodies. <i>Journal of Clinical Immunology</i> , 2022, 42, 1111-1129.	2.0	17
40	A Randomized Open label Phase-II Clinical Trial with or without Infusion of Plasma from Subjects after Convalescence of SARS-CoV-2 Infection in High-Risk Patients with Confirmed Severe SARS-CoV-2 Disease (RECOVER): A structured summary of a study protocol for a randomised controlled trial. <i>Trials</i> , 2020, 21, 828.	0.7	16
41	Bioimaging of copper deposition in Wilson's diseases mouse liver by laser ablation inductively coupled plasma mass spectrometry imaging (LA-ICP-MSI). <i>International Journal of Mass Spectrometry</i> , 2013, 354-355, 281-287.	0.7	15
42	Rotational thrombelastometry (ROTEM) improves hemostasis assessment compared to conventional coagulation test in ACLF and Non-ACLF patients. <i>BMC Gastroenterology</i> , 2020, 20, 271.	0.8	15
43	Applicability of scoring systems predicting outcome of transarterial chemoembolization for hepatocellular carcinoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 1033-1050.	1.2	14
44	Pseudobacteremia outbreak of biofilm-forming <i>Achromobacter xylosoxidans</i> "environmental transmission. <i>BMC Infectious Diseases</i> , 2016, 16, 584.	1.3	13
45	The arrhythmogenic face of COVID-19: Brugada ECG pattern during acute infection. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-2.	0.3	11
46	From Multiplex Serology to Serolomics: A Novel Approach to the Antibody Response against the SARS-CoV-2 Proteome. <i>Viruses</i> , 2021, 13, 749.	1.5	11
47	SARS-CoV-2 Seroprevalence and Clinical Features of COVID-19 in a German Liver Transplant Recipient Cohort: A Prospective Serosurvey Study. <i>Transplantation Proceedings</i> , 2021, 53, 1112-1117.	0.3	11
48	Metallothionein is elevated in liver and duodenum of <i>Atp7b</i> ("") mice. <i>BioMetals</i> , 2018, 31, 617-625.	1.8	10
49	Urinary cell cycle arrest biomarker [TIMP-2]·[IGFBP7] in patients with hepatorenal syndrome. <i>Biomarkers</i> , 2019, 24, 692-699.	0.9	10
50	Dysregulated Host Response in Severe Acute Respiratory Syndrome Coronavirus 2-Induced Critical Illness. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab019.	0.4	10
51	Plasma Exchange in Patients With Severe Coronavirus Disease 2019: A Single-Center Experience. , 2021, 3, e0517.		10
52	Effect of plasma exchange on COVID-19 associated excess of von Willebrand factor and inflammation in critically ill patients. <i>Scientific Reports</i> , 2022, 12, 4801.	1.6	10
53	Variants in <i>PCSK7</i> , <i>PNPLA3</i> and <i>TM6SF2</i> are risk factors for the development of cirrhosis in hereditary haemochromatosis. <i>Alimentary Pharmacology and Therapeutics</i> , 2021, 53, 830-843.	1.9	9
54	An ultra-sensitive UHPLC-MS/MS assay for the quantification of orally administered vancomycin in plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 633-638.	1.4	8

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55	Accurate Measurement of Copper Overload in an Experimental Model of Wilson Disease by Laser Ablation Inductively Coupled Plasma Mass Spectrometry. <i>Biomedicines</i> , 2020, 8, 356.	1.4	8
56	Plasma Lipidome, PNPLA3 polymorphism and hepatic steatosis in hereditary hemochromatosis. <i>BMC Gastroenterology</i> , 2020, 20, 230.	0.8	7
57	Reply to: "Vitamin D Insufficiency May Account for Almost Nine of Ten COVID-19 Deaths: Time to Act. Comment on: Vitamin D Deficiency and Outcome of COVID-19 Patients. <i>Nutrients</i> 2020, 12, 2757" <i>Nutrients</i> , 2020, 12, 3643.	1.7	7
58	Severe Multiorgan Failure Following Yellow Fever Vaccination. <i>Vaccines</i> , 2020, 8, 249.	2.1	7
59	Description and analysis of representative COVID-19 cases "A retrospective cohort study. <i>PLoS ONE</i> , 2021, 16, e0255513.	1.1	7
60	An Outpatient Management Strategy Using a Coronataxi Digital Early Warning System Reduces Coronavirus Disease 2019 Mortality. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofac063.	0.4	7
61	Treatment stage migration and treatment sequences in patients with hepatocellular carcinoma: drawbacks and opportunities. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 2471-2481.	1.2	6
62	Analyzing the Therapeutic Efficacy of Bis-Choline-Tetrathiomolybdate in the Atp7b ^{-/-} Copper Overload Mouse Model. <i>Biomedicines</i> , 2021, 9, 1861.	1.4	6
63	Deficiency of <i>scp</i> acyl-CoA synthetase 5 is associated with a severe and treatable failure to thrive of neonatal onset. <i>Clinical Genetics</i> , 2021, 99, 376-383.	1.0	5
64	A reporting and analysis framework for structured evaluation of COVID-19 clinical and imaging data. <i>Npj Digital Medicine</i> , 2021, 4, 69.	5.7	5
65	The impact of Wilson disease on myocardial tissue and function: a cardiovascular magnetic resonance study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 84.	1.6	5
66	Reply to Peluso, et al. <i>Clinical Infectious Diseases</i> , 2021, , .	2.9	5
67	Integration of mobile sensors in a telemedicine hospital system: remote-monitoring in COVID-19 patients. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2022, 30, 93-97.	0.8	5
68	<p>Analysis of Symptoms of COVID-19 Positive Patients and Potential Effects on Initial Assessment</p>. <i>Open Access Emergency Medicine</i> , 2020, Volume 12, 451-457.	0.6	5
69	Coronataxi Brings Outpatient Care to COVID-19 Patients. <i>Annals of Emergency Medicine</i> , 2020, 76, 811-812.	0.3	4
70	Validation of two severity scores as predictors for outcome in Coronavirus Disease 2019 (COVID-19). <i>PLoS ONE</i> , 2021, 16, e0247488.	1.1	4
71	Interpretation of myocardial injury subtypes in COVID-19 disease per fourth version of Universal Definition of Myocardial Infarction. <i>Biomarkers</i> , 2021, 26, 401-409.	0.9	4
72	Copper toxicity in Wilson disease explained in a new way. <i>Hepatology</i> , 2011, 54, 358-360.	3.6	3

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73	A new copper cut-off value for diagnosis of Wilson disease?. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2015, 12, 493-494.	8.2	3
74	Assessment of rotational thrombelastometry (ROTEM) parameters in hepatocellular carcinoma. <i>Thrombosis Research</i> , 2020, 195, 55-57.	0.8	3
75	Clinical effects and safety of different transarterial chemoembolization methods for bridging and palliative treatments in hepatocellular carcinoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 3163-3174.	1.2	3
76	A nuclear factor kappa B reporter cell line used to evaluate ex vivo the net inflammatory effect of plasma samples from patients with rheumatoid arthritis, psoriasis, or COVID-19. <i>Cytokine</i> , 2021, 138, 155399.	1.4	2
77	HBV-infection rate and long-term outcome after liver-transplantation of anti-HBc-positive liver-grafts to HBV-naïve recipients: A retrospective study. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2021, 45, 101496.	0.7	1
78	Effect of didecyl dimethyl ammonium chloride (DDAC)-impregnated washcloth wipe whole-body bathing on catheter-related bloodstream infections and central venous line-associated infections in adult intensive care units. <i>Clinical Microbiology and Infection</i> , 2021, , .	2.8	1
79	Hypercalcemia, necrotizing pancreatitis and bone lesions: a benign cause. <i>Clinical Cases in Mineral and Bone Metabolism</i> , 2017, 14, 245.	1.0	1
80	Constitutive oxidants from hepatocytes of male iPLA2 ² -null mice increases the externalization of phosphatidylethanolamine on plasma membrane. <i>Free Radical Research</i> , 2021, 55, 625-633.	1.5	1
81	Performance of Dried Blood Spot Samples in SARS-CoV-2 Serolomics. <i>Microorganisms</i> , 2022, 10, 1311.	1.6	1
82	Slow ventricular tachycardia presenting with acute liver failure. <i>SAGE Open Medical Case Reports</i> , 2017, 5, 2050313X1771810.	0.2	0
83	FP313CELL CYCLE BIOMARKERS AND SUPAR OUTPERFORM STANDARD PARAMETERS FOR THE PREDICTION OF SEPSIS-INDUCED ACUTE KIDNEY INJURY REQUIRING RENAL REPLACEMENT THERAPY. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, .	0.4	0
84	Induction of Donor-Specific Immune Tolerance with Clinical MIC Cell Infusion " a Phase I Study (TOL-1). <i>Blood</i> , 2018, 132, 4539-4539.	0.6	0
85	Reply to "Correspondence of Fernández-de-las-Peñas". <i>Clinical Infectious Diseases</i> , 2022, , .	2.9	0