

# Alexander Wree

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

5,268  
citations

147801

31  
h-index

133252

59  
g-index

63  
all docs

63  
docs citations

63  
times ranked

7473  
citing authors

#	ARTICLE	IF	CITATIONS
1	NLRP3 inflammasome blockade reduces liver inflammation and fibrosis in experimental NASH in mice. <i>Journal of Hepatology</i> , 2017, 66, 1037-1046.	3.7	738
2	NLRP3 inflammasome activation results in hepatocyte pyroptosis, liver inflammation, and fibrosis in mice. <i>Hepatology</i> , 2014, 59, 898-910.	7.3	716
3	From NAFLD to NASH to cirrhosis—new insights into disease mechanisms. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2013, 10, 627-636.	17.8	502
4	NLRP3 inflammasome activation is required for fibrosis development in NAFLD. <i>Journal of Molecular Medicine</i> , 2014, 92, 1069-1082.	3.9	394
5	Hepatocyte pyroptosis and release of inflammasome particles induce stellate cell activation and liver fibrosis. <i>Journal of Hepatology</i> , 2021, 74, 156-167.	3.7	264
6	Circulating Extracellular Vesicles with Specific Proteome and Liver MicroRNAs Are Potential Biomarkers for Liver Injury in Experimental Fatty Liver Disease. <i>PLoS ONE</i> , 2014, 9, e113651.	2.5	219
7	NLRP3 inflammasome driven liver injury and fibrosis: Roles of IL-17 and TNF in mice. <i>Hepatology</i> , 2018, 67, 736-749.	7.3	214
8	Biomarkers of liver cell death. <i>Journal of Hepatology</i> , 2014, 60, 1063-1074.	3.7	185
9	Obesity Affects the Liver — The Link between Adipocytes and Hepatocytes. <i>Digestion</i> , 2011, 83, 124-133.	2.3	179
10	TNF regulates transcription of NLRP3 inflammasome components and inflammatory molecules in cryopyrinopathies. <i>Journal of Clinical Investigation</i> , 2017, 127, 4488-4497.	8.2	126
11	Somatostatin Analogues in the Treatment of Neuroendocrine Tumors: Past, Present and Future. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3049.	4.1	110
12	NLR Family Pyrin Domain-Containing 3 Inflammasome Activation in Hepatic Stellate Cells Induces Liver Fibrosis in Mice. <i>Hepatology</i> , 2019, 69, 845-859.	7.3	100
13	Caspase 3 Inactivation Protects Against Hepatic Cell Death and Ameliorates Fibrogenesis in a Diet-Induced NASH Model. <i>Digestive Diseases and Sciences</i> , 2014, 59, 1197-1206.	2.3	98
14	Lack of Correlation between Expression of HIF-1 $\alpha$ Protein and Oxygenation Status in Identical Tissue Areas of Squamous Cell Carcinomas of the Uterine Cervix. <i>Cancer Research</i> , 2004, 64, 5876-5881.	0.9	88
15	Adipocyte cell size, free fatty acids and apolipoproteins are associated with non-alcoholic liver injury progression in severely obese patients. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 1542-1552.	3.4	88
16	Lack of Hypoxic Response in Uterine Leiomyomas despite Severe Tissue Hypoxia. <i>Cancer Research</i> , 2008, 68, 4719-4726.	0.9	85
17	Steroid and Ursodesoxycholic Acid Combination Therapy in Severe Drug-Induced Liver Injury. <i>Digestion</i> , 2011, 84, 54-59.	2.3	85
18	Microregional Expression of Glucose Transporter-1 and Oxygenation Status: Lack of Correlation in Locally Advanced Cervical Cancers. <i>Clinical Cancer Research</i> , 2005, 11, 2768-2773.	7.0	69

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19	Andrographolide Ameliorates Inflammation and Fibrogenesis and Attenuates Inflammasome Activation in Experimental Non-Alcoholic Steatohepatitis. <i>Scientific Reports</i> , 2017, 7, 3491.	3.3	68
20	Arginase 2 deficiency results in spontaneous steatohepatitis: A novel link between innate immune activation and hepatic de novo lipogenesis. <i>Journal of Hepatology</i> , 2015, 62, 412-420.	3.7	66
21	The NLRP3 Inflammasome in Alcoholic and Nonalcoholic Steatohepatitis. <i>Seminars in Liver Disease</i> , 2020, 40, 298-306.	3.6	63
22	New drugs for NAFLD: lessons from basic models to the clinic. <i>Hepatology International</i> , 2020, 14, 8-23.	4.2	61
23	Fetuin-A mRNA expression is elevated in NASH compared with NAFL patients. <i>Clinical Science</i> , 2013, 125, 391-400.	4.3	52
24	Bidirectional Role of NLRP3 During Acute and Chronic Cholestatic Liver Injury. <i>Hepatology</i> , 2021, 73, 1836-1854.	7.3	51
25	Beneficial effects of mineralocorticoid receptor blockade in experimental non-alcoholic steatohepatitis. <i>Liver International</i> , 2015, 35, 2129-2138.	3.9	48
26	Redox nanoparticles as a novel treatment approach for inflammation and fibrosis associated with nonalcoholic steatohepatitis. <i>Nanomedicine</i> , 2015, 10, 2697-2708.	3.3	46
27	The role of the innate immune system in the development and treatment of hepatocellular carcinoma. <i>Hepatic Oncology</i> , 2020, 7, HEP17.	4.2	46
28	ASK1 inhibition reduces cell death and hepatic fibrosis in an Nlrp3 mutant liver injury model. <i>JCI Insight</i> , 2020, 5, .	5.0	44
29	The inflammasome in liver disease. <i>Journal of Hepatology</i> , 2016, 65, 1055-1056.	3.7	40
30	Targeting Cell Death and Sterile Inflammation Loop for the Treatment of Nonalcoholic Steatohepatitis. <i>Seminars in Liver Disease</i> , 2016, 36, 027-036.	3.6	35
31	DEGUM Recommendations on Infection Prevention in Ultrasound and Endoscopic Ultrasound. <i>Ultraschall in Der Medizin</i> , 2018, 39, 284-303.	1.5	34
32	Novel Drivers of the Inflammatory Response in Liver Injury and Fibrosis. <i>Seminars in Liver Disease</i> , 2019, 39, 275-282.	3.6	33
33	Systemic treatment of hepatocellular carcinoma: from sorafenib to combination therapies. <i>Hepatic Oncology</i> , 2020, 7, HEP20.	4.2	30
34	NOD-like receptor protein 3 activation causes spontaneous inflammation and fibrosis that mimics human NASH. <i>Hepatology</i> , 2022, 76, 727-741.	7.3	30
35	Bioelectrical impedance analysis in clinical practice: implications for hepatitis C therapy BIA and hepatitis C. <i>Virology Journal</i> , 2010, 7, 191.	3.4	27
36	Emricasan, a pan-caspase inhibitor, improves survival and portal hypertension in a murine model of common bile-duct ligation. <i>Journal of Molecular Medicine</i> , 2018, 96, 575-583.	3.9	23

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37	The Role of Microbiota in Primary Sclerosing Cholangitis and Related Biliary Malignancies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6975.	4.1	22
38	Mini-Laparoscopy Guided Liver Biopsy Increases Diagnostic Accuracy in Acute Liver Failure. <i>Digestion</i> , 2014, 90, 240-247.	2.3	21
39	HIF-Mediated Hypoxic Response is Missing in Severely Hypoxic Uterine Leiomyomas. <i>Advances in Experimental Medicine and Biology</i> , 2010, 662, 399-405.	1.6	21
40	Pyroptosis in Steatohepatitis and Liver Diseases. <i>Journal of Molecular Biology</i> , 2022, 434, 167271.	4.2	17
41	Bile Acids Activate NLRP3 Inflammasome, Promoting Murine Liver Inflammation or Fibrosis in a Cell Type-Specific Manner. <i>Cells</i> , 2021, 10, 2618.	4.1	17
42	Hepatocyte mitochondrial DNA released in microparticles and toll-like receptor 9 activation: A link between lipotoxicity and inflammation during nonalcoholic steatohepatitis. <i>Hepatology</i> , 2016, 64, 669-671.	7.3	13
43	Elevated gamma-glutamyltransferase is associated with mortality in lung transplantation for cystic fibrosis. <i>Transplant International</i> , 2012, 25, 78-86.	1.6	10
44	Shear wave elastography and shear wave dispersion imaging in primary biliary cholangitis—a pilot study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 1235-1242.	2.0	10
45	Liver Fibrosis—From Mechanisms of Injury to Modulation of Disease. <i>Frontiers in Medicine</i> , 2021, 8, 814496.	2.6	9
46	In Vivo Models for Cholangiocarcinoma—What Can We Learn for Human Disease?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4993.	4.1	8
47	Analysis of miR-29 Serum Levels in Patients with Neuroendocrine Tumors—Results from an Exploratory Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 2881.	2.4	8
48	The Role of miRNA in the Pathophysiology of Neuroendocrine Tumors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8569.	4.1	8
49	Transmembrane BAX Inhibitor motif-containing 1, a novel anti-inflammatory approach for nonalcoholic steatohepatitis treatment. <i>Hepatology</i> , 2018, 67, 438-441.	7.3	6
50	A Combined Score of Circulating miRNAs Allows Outcome Prediction in Critically Ill Patients. <i>Journal of Clinical Medicine</i> , 2019, 8, 1644.	2.4	6
51	Excellent Response to Anti-PD-1 Therapy in a Patient with Hepatocellular Carcinoma Intolerant to Sorafenib. <i>Visceral Medicine</i> , 2019, 35, 43-46.	1.3	6
52	Soluble Urokinase Plasminogen Activator Receptor (suPAR) Concentrations Are Elevated in Patients with Neuroendocrine Malignancies. <i>Journal of Clinical Medicine</i> , 2020, 9, 1647.	2.4	6
53	Shear Wave Elastography in the Detection of Sinusoidal Obstruction Syndrome in Adult Patients Undergoing Allogeneic Hematopoietic Stem Cell Transplantation. <i>Diagnostics</i> , 2021, 11, 928.	2.6	6
54	Serum levels of bone sialoprotein correlate with portal pressure in patients with liver cirrhosis. <i>PLoS ONE</i> , 2020, 15, e0231701.	2.5	4

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55	Shear Wave Elastography and Shear Wave Dispersion Imaging in the Assessment of Liver Disease in Alpha1-Antitrypsin Deficiency. <i>Diagnostics</i> , 2021, 11, 629.	2.6	4
56	Serum levels of miR-223 but not miR-21 are decreased in patients with neuroendocrine tumors. <i>PLoS ONE</i> , 2020, 15, e0244504.	2.5	3
57	Predicting survival after TIPS: Child Pugh score is not inferior to MELD and FIPS score “back to basics?”. <i>Journal of Hepatology</i> , 2021, 75, 1505-1506.	3.7	2
58	Solid tumours arising from differently pre-oxygenated cells: Comparable growth rates despite dissimilar tissue oxygenation. <i>International Journal of Radiation Biology</i> , 2009, 85, 981-988.	1.8	1
59	The source of GGT in cystic fibrosis. <i>Transplant International</i> , 2012, 25, e125-e126.	1.6	0
60	Elevated soluble urokinase plasminogen activator receptor serum levels indicate poor survival following transarterial chemoembolization therapy for hepatic malignancies: An exploratory analysis. <i>JGH Open</i> , 2021, 5, 356-363.	1.6	0