# Helmut Karl Seitz

List of Publications by Year
in descending order



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|---|---|---|---|
| 109 papers | 7,754 citations | 50276 46 h-index | 53230 85 g-index |
| 123 all docs | 123 docs citations | 123 times ranked | 7974 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Molecular mechanisms of alcohol-mediated carcinogenesis. Nature Reviews Cancer, 2007, 7, 599-612. | 28.4 | 924 |
| 2 | Alcoholic liver disease. Nature Reviews Disease Primers, 2018, 4, 16. | 30.5 | 660 |
| 3 | Risk factors and mechanisms of hepatocarcinogenesis with special emphasis on alcohol and oxidative stress. Biological Chemistry, 2006, 387, 349-60. | 2.5 | 263 |
| 4 | Genetic variation in the PNPLA3 gene is associated with alcoholic liver injury in caucasians. Hepatology, 2011, 53, 86-95. | 7.3 | 252 |
| 5 | Genetic polymorphism of alcohol dehydrogenase in europeans: TheADH2*2 allele decreases the risk for alcoholism and is associated withADH3*1. Hepatology, 2000, 31, 984-989. | 7.3 | 230 |
| 6 | Acetaldehyde as an underestimated risk factor for cancer development: role of genetics in ethanol metabolism. Genes and Nutrition, 2010, 5, 121-128. | 2.5 | 228 |
| 7 | Possible role of acetaldehyde in ethanol-related rectal cocarcinogenesis in the rat. Gastroenterology, 1990, 98, 406-413. | 1.3 | 212 |
| 8 | Epidemiology and Pathophysiology of Alcohol and Breast Cancer: Update 2012. Alcohol and Alcoholism, 2012, 47, 204-212. | 1.6 | 202 |
| 9 | Increased liver stiffness in alcoholic liver disease: Differentiating fibrosis from steatohepatitis. World Journal of Gastroenterology, 2010, 16, 966. | 3.3 | 201 |
| 10 | Age, alcohol metabolism and liver disease. Current Opinion in Clinical Nutrition and Metabolic Care, 2008, 11, 21-26. | 2.5 | 165 |
| 11 | Dynamics of cytochrome P4502E1 activity in man: induction by ethanol and disappearance during withdrawal phase. Journal of Hepatology, 2002, 36, 47-52. | 3.7 | 163 |
| 12 | Ethanol-induced cytochrome P4502E1 causes carcinogenic etheno-DNA lesions in alcoholic liver disease. Hepatology, 2009, 50, 453-461. | 7.3 | 136 |
| 13 | The role of reactive oxygen species (ROS) and cytochrome P-450 2E1 in the generation of carcinogenic etheno-DNA adducts. Redox Biology, 2014, 3, 56-62. | 9.0 | 136 |
| 14 | Chronic alcohol intake reduces retinoic acid concentration and enhances AP-1 (c-Jun and c-Fos) expression in rat liver. Hepatology, 1998, 28, 744-750. | 7.3 | 133 |
| 15 | The efficacy and safety of comfrey. Public Health Nutrition, 2000, 3, 501-508. | 2.2 | 133 |
| 16 | Evaluation of standard liver volume formulae for Chinese adults. World Journal of Gastroenterology, 2009, 15, 3462. | 3.3 | 126 |
| 17 | Ethanol enhances retinoic acid metabolism into polar metabolites in rat liver via induction of cytochrome P4502E1. Gastroenterology, 2001, 120, 179-189. | 1.3 | 125 |
| 18 | Chronic Alcohol Consumption Induces Genomic but Not p53-Specific DNA Hypomethylation in Rat Colon. Journal of Nutrition, 1999, 129, 1945-1950. | 2.9 | 114 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Alcohol and Cancer. , 1998, 14, 67-95. | | 113 |
| 20 | Non-invasive diagnosis of alcoholic liver disease. World Journal of Gastroenterology, 2014, 20, 14626. | 3.3 | 112 |
| 21 | Alcohol dehydrogenase 1C*1 allele is a genetic marker for alcoholâ€associated cancer in heavy drinkers. International Journal of Cancer, 2006, 118, 1998-2002. | 5.1 | 101 |
| 22 | Alcohol and Cancer. Alcoholism: Clinical and Experimental Research, 2001, 25, 137S-143S. | 2.4 | 97 |
| 23 | Effect of Chronic Alcohol Consumption on Total Plasma Homocysteine Level in Rats. Alcoholism: Clinical and Experimental Research, 2000, 24, 259-264. | 2.4 | 94 |
| 24 | Alcohol and cancer: genetic and nutritional aspects. Proceedings of the Nutrition Society, 2004, 63, 65-71. | 1.0 | 91 |
| 25 | Inflammationâ€adapted liver stiffness values for improved fibrosis staging in patients with hepatitis C virus and alcoholic liver disease. Liver International, 2015, 35, 2514-2521. | 3.9 | 91 |
| 26 | Alcohol metabolism and cancer risk. Alcohol Research, 2007, 30, 38-41, 44-7. | 1.0 | 89 |
| 27 | Endotoxin, Endotoxin-Neutralizing-Capacity, sCD14, sICAM-1, and Cytokines in Patients With Various Degrees of Alcoholic Liver Disease. Alcoholism: Clinical and Experimental Research, 2001, 25, 261-268. | 2.4 | 87 |
| 28 | Immunohistochemical detection of 1, N6 -ethenodeoxyadenosine in nuclei of human liver affected by diseases predisposing to hepato-carcinogenesis. Carcinogenesis, 2004, 25, 1027-1031. | 2.8 | 86 |
| 29 | Enhanced pulmonary and intestinal activation of procarcinogens and mutagens after chronic ethanol consumption in the rat. European Journal of Clinical Investigation, 1981, 11, 33-38. | 3.4 | 84 |
| 30 | Serum procollagen peptides and collagen type VI for the assessment of activity and degree of hepatic fibrosis in schistosomiasis and alcoholic liver disease. Hepatology, 1992, 15, 637-644. | 7.3 | 81 |
| 31 | Controlled attenuation parameter and alcoholic hepatic steatosis: Diagnostic accuracy and role of alcohol detoxification. Journal of Hepatology, 2018, 68, 1025-1032. | 3.7 | 75 |
| 32 | Effect of chronic ethanol ingestion on intestinal metabolism and mutagenicity of benzo(Î±)pyrene. Biochemical and Biophysical Research Communications, 1978, 85, 1061-1066. | 2.1 | 70 |
| 33 | Pathogenetic mechanisms of upper aerodigestive tract cancer in alcoholics. International Journal of Cancer, 2004, 108, 483-487. | 5.1 | 66 |
| 34 | Ethanolâ€mediated carcinogenesis in the human esophagus implicates CYP2E1 induction and the generation of carcinogenic DNAâ€lesions. International Journal of Cancer, 2011, 128, 533-540. | 5.1 | 65 |
| 35 | Gastrointestinal Alcohol Dehydrogenase. Nutrition Reviews, 1998, 56, 52-60. | 5.8 | 64 |
| 36 | The role of acetaldehyde in upper digestive tract cancer in alcoholics. Translational Research, 2007, 149, 293-297. | 5.0 | 63 |

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|---|---|---|---|
| 37 | Hepatotoxicity of alcoholâ€induced polar retinol metabolites involves apoptosis via loss of mitochondrial membrane potential. FASEB Journal, 2005, 19, 1-20. | 0.5 | 62 |
| 38 | Moderate Alcohol Consumption Aggravates Highâ€Fat Diet Induced Steatohepatitis in Rats. Alcoholism: Clinical and Experimental Research, 2010, 34, 567-573. | 2.4 | 62 |
| 39 | Caspaseâ€cleaved keratinâ€18 fragments increase during alcohol withdrawal and predict liverâ€related death in patients with alcoholic liver disease. Hepatology, 2017, 66, 96-107. | 7.3 | 59 |
| 40 | Alcoholic and non-alcoholic steatohepatitis. Experimental and Molecular Pathology, 2014, 97, 492-510. | 2.1 | 56 |
| 41 | Genomeâ€wide Association Study and Metaâ€analysis on Alcoholâ€Associated Liver Cirrhosis Identifies Genetic Risk Factors. Hepatology, 2021, 73, 1920-1931. | 7.3 | 54 |
| 42 | High urinary excretion of lipid peroxidation-derived DNA damage in patients with cancer-prone liver diseases. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 683, 23-28. | 1.0 | 53 |
| 43 | Serum hyaluronate correlates with histological progression in alcoholic liver disease. European Journal of Gastroenterology and Hepatology, 2003, 15, 945-950. | 1.6 | 51 |
| 44 | Alcohol Consumption and Cancer of the Gastrointestinal Tract. Digestive Diseases, 2005, 23, 297-303. | 1.9 | 51 |
| 45 | Alcoholic steatohepatitis. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2010, 24, 683-693. | 2.4 | 51 |
| 46 | Serum collagen type VI and XIV and hyaluronic acid as early indicators for altered connective tissue turnover in alcoholic liver disease. Digestive Diseases and Sciences, 2001, 46, 2025-2032. | 2.3 | 48 |
| 47 | Ethanol oxidation by intestinal microsomes: Increased activity after chronic ethanol administration. Life Sciences, 1979, 25, 1443-1448. | 4.3 | 46 |
| 48 | Esophageal Epithelial Hyperproliferation Following Long-Term Alcohol Consumption in Rats: Effects of Age and Salivary Gland Function. Journal of the National Cancer Institute, 1993, 85, 2030-2033. | 6.3 | 46 |
| 49 | Chlormethiazole Treatment Prevents Reduced Hepatic Vitamin A Levels in Ethanol-Fed Rats. Alcoholism: Clinical and Experimental Research, 2002, 26, 1703-1709. | 2.4 | 46 |
| 50 | Alcoholic Liver Disease in the Elderly. Clinics in Geriatric Medicine, 2007, 23, 905-921. | 2.6 | 45 |
| 51 | Alcohol and Cancer: An Overview with Special Emphasis on the Role of Acetaldehyde and Cytochrome P450 2E1. Advances in Experimental Medicine and Biology, 2015, 815, 59-70. | 1.6 | 42 |
| 52 | Alcohol, microbiome, life style influence alcohol and non-alcoholic organ damage. Experimental and Molecular Pathology, 2017, 102, 162-180. | 2.1 | 40 |
| 53 | Alcohol and Colorectal Cancer: The Role of Alcohol Dehydrogenase 1C Polymorphism. Alcoholism: Clinical and Experimental Research, 2009, 33, 551-556. | 2.4 | 39 |
| 54 | Alcohol and Cancer. Alcoholism: Clinical and Experimental Research, 2001, 25, 137S-143S. | 2.4 | 38 |

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| 55 | Effect of aging on in vivo and in vitro ethanol metabolism and its toxicity in F344 rats. Gastroenterology, 1989, 97, 446-456. | 1.3 | 37 |
| 56 | Age-Related Effects of Chronic Ethanol Intake on Vitamin A Status in Fisher 344 Rats. Journal of Nutrition, 1991, 121, 510-517. | 2.9 | 37 |
| 57 | Hepatic phospholipids in alcoholic liver disease assessed by proton-decoupled 31P magnetic resonance spectroscopy. Journal of Hepatology, 2005, 42, 752-759. | 3.7 | 37 |
| 58 | Carcinogenic Etheno DNA Adducts in Alcoholic Liver Disease: Correlation with Cytochrome Pâ€4502E1 and Fibrosis. Alcoholism: Clinical and Experimental Research, 2018, 42, 252-259. | 2.4 | 37 |
| 59 | Alcoholic liver disease: Clinical and translational research. Experimental and Molecular Pathology, 2015, 99, 596-610. | 2.1 | 36 |
| 60 | Contribution of Alcohol and Tobacco Use in Gastrointestinal Cancer Development. Methods in Molecular Biology, 2009, 472, 217-241. | 0.9 | 36 |
| 61 | The Role of Cytochrome P450 2E1 in Ethanol-Mediated Carcinogenesis. Sub-Cellular Biochemistry, 2013, 67, 131-143. | 2.4 | 35 |
| 62 | Effect of Chronic Ethanol Feeding on Hepatic and Extrahepatic Distribution of Vitamin E in Rats. Alcoholism: Clinical and Experimental Research, 1991, 15, 771-774. | 2.4 | 34 |
| 63 | A genetic risk score and diabetes predict development of alcohol-related cirrhosis in drinkers. Journal of Hepatology, 2022, 76, 275-282. | 3.7 | 33 |
| 64 | Identification of cytochrome CYP2E1 as critical mediator of synergistic effects of alcohol and cellular lipid accumulation in hepatocytes in vitro. Oncotarget, 2015, 6, 41464-41478. | 1.8 | 32 |
| 65 | Long-Term Ethanol Consumption Promotes Hepatic Tumorigenesis but Impairs Normal Hepatocyte Proliferation in Rats. Journal of Nutrition, 2011, 141, 1049-1055. | 2.9 | 29 |
| 66 | Pharmacological decrease of liver stiffness is pressure-related and predicts long-term clinical outcome. American Journal of Physiology - Renal Physiology, 2018, 315, G484-G494. | 3.4 | 29 |
| 67 | Effect of age and gender on in vivo ethanol elimination, hepatic alcohol dehydrogenase activity, and NAD+ availability in F344 rats. Research in Experimental Medicine, 1992, 192, 205-212. | 0.7 | 28 |
| 68 | Obesity, Diabetes, Coffee, Tea, and Cannabis Use Alter Risk for Alcohol-Related Cirrhosis in 2 Large Cohorts of High-Risk Drinkers. American Journal of Gastroenterology, 2021, 116, 106-115. | 0.4 | 25 |
| 69 | Cytochrome P450 2E1 inhibition prevents hepatic carcinogenesis induced by diethylnitrosamine in alcohol-fed rats. Hepatobiliary Surgery and Nutrition, 2012, 1, 5-18. | 1.5 | 25 |
| 70 | Effect of chronic alcohol consumption on the development and progression of non-alcoholic fatty liver disease (NAFLD). Hepatobiliary Surgery and Nutrition, 2015, 4, 147-51. | 1.5 | 25 |
| 71 | The role of cytochrome P4502E1 in the pathogenesis of alcoholic liver disease and carcinogenesis. Chemico-Biological Interactions, 2020, 316, 108918. | 4.0 | 24 |
| 72 | The History of Alcoholic Liver Disease: From an Unrecognized Disease to One of the Most Frequent Diseases in Hepatology. Journal of Clinical Medicine, 2021, 10, 858. | 2.4 | 20 |

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| 73 | The generation of carcinogenic etheno-DNA adducts in the liver of patients with nonalcoholic fatty liver disease. Hepatobiliary Surgery and Nutrition, 2015, 4, 117-23. | 1.5 | 17 |
| 74 | The relationship between alcohol metabolism, estrogen levels, and breast cancer risk. Alcohol Research, 2007, 30, 42-3. | 1.0 | 17 |
| 75 | Alcoholic-Hepatitis, Links to Brain and Microbiome: Mechanisms, Clinical and Experimental Research. Biomedicines, 2020, 8, 63. | 3.2 | 15 |
| 76 | Transient elastography with the XL probe rapidly identifies patients with nonhepatic ascites. Hepatic Medicine: Evidence and Research, 2012, 4, 11. | 2.5 | 13 |
| 77 | Sensitive and non-invasive assessment of hepatocellular iron using a novel room-temperature susceptometer. Journal of Hepatology, 2017, 67, 535-542. | 3.7 | 13 |
| 78 | Evaluation of laboratory tests for cirrhosis and for alcohol use, in the context of alcoholic cirrhosis. Alcohol, 2018, 66, 1-7. | 1.7 | 13 |
| 79 | Increased messenger RNA levels for low-density lipoprotein receptor and 3-hydroxy-3-methylglutaryl coenzyme a reductase in rat liver after long-term ethanol ingestion. Hepatology, 1994, 20, 487-493. | 7.3 | 12 |
| 80 | Correspondence. Hepatology, 1987, 7, 616-616. | 7.3 | 11 |
| 81 | Systemic Mastocytosis: A Rare Case of Increased Liver Stiffness. Case Reports in Hepatology, 2012, 2012, 1-6. | 0.7 | 11 |
| 82 | Alcohol and breast cancer. Breast, 2012, 21, 426-427. | 2.2 | 8 |
| 83 | Possible Mechanisms of Ethanolâ€Mediated Colorectal Carcinogenesis: The Role of Cytochrome P4502E1, Ethenoâ€<scp>DNA</scp> Adducts, and the Antiâ€Apoptotic Protein Mclâ€1. Alcoholism: Clinical and Experimental Research, 2016, 40, 2094-2101. | 2.4 | 8 |
| 84 | Alcohol and cancerâ€"individual risk factors. Addiction, 2017, 112, 232-233. | 3.3 | 8 |
| 85 | Chronic Ethanol Consumption and Generation of Etheno-DNA Adducts in Cancer-Prone Tissues. Advances in Experimental Medicine and Biology, 2018, 1032, 81-92. | 1.6 | 8 |
| 86 | Clomethiazole inhibits cytochrome P450 2E1 and improves alcoholic liver disease. Gut, 2022, 71, 842-844. | 12.1 | 7 |
| 87 | Genetic predisposition for alcohol-associated upper aerodigestive tract cancer and hepatocellular carcinoma in heavy drinkers with the alcohol dehydrogenase 3*1 allele. Gastroenterology, 2003, 124, A547. | 1.3 | 6 |
| 88 | Alcohol and Cancer of the Large Intestine. , 2006, , 63-77. | | 6 |
| 89 | Detection of carcinogenic etheno-DNA adducts in children and adolescents with non-alcoholic steatohepatitis (NASH). Hepatobiliary Surgery and Nutrition, 2015, 4, 426-35. | 1.5 | 6 |
| 90 | Hepatic Steatosis and Fibrosis in Chronic Inflammatory Bowel Disease. Journal of Clinical Medicine, 2022, 11, 2623. | 2.4 | 6 |

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| 91 | Alcohol basic and translational research 15th Charles Lieber - 1st Samuel French satellite symposium. Experimental and Molecular Pathology, 2022, , 104750. | 2.1 | 4 |
| 92 | Molecular, Viral and Clinical Features of Alcohol- and Non-Alcohol-Induced Liver Injury. Current Issues in Molecular Biology, 2022, 44, 1294-1315. | 2.4 | 4 |
| 93 | Interaction of Alcohol and Tobacco in Upper Aerodigestive Tract and Stomach Cancer. , 2006, , 48-62. | | 3 |
| 94 | Molecular Mechanisms of Alcohol-Associated Carcinogenesis. , 2016, , 305-314. | | 3 |
| 95 | Commentary: Alcohol and Alcoholism Special Issue on â€˜Alcohol and Liver Transplantationâ€™. Alcohol and Alcoholism, 2018, 53, 133-134. | 1.6 | 3 |
| 96 | Alcohol Use and Gastrointestinal Diseases. Visceral Medicine, 2020, 36, 157-159. | 1.3 | 2 |
| 97 | Alcohol and Cancer. , 2012, , 431-441. | | 2 |
| 98 | Ethanol and Hepatocarcinogenesis. , 2013, , 411-427. | | 2 |
| 99 | Effect of Chronic Alcohol Consumption on Total Plasma Homocysteine Level in Rats. Alcoholism: Clinical and Experimental Research, 2000, 24, 259-264. | 2.4 | 2 |
| 100 | The Role of Oxidative Stress in Hepatocarcinogenesis. Oxidative Stress in Applied Basic Research and Clinical Practice, 2015, , 479-503. | 0.4 | 1 |
| 101 | 12. Alkohol und Krebs. , 2019, , 191-220. | | 1 |
| 102 | DHARAM PAL AGARWAL (1938-2003). Alcohol and Alcoholism, 2003, 38, 393-393. | 1.6 | 0 |
| 103 | Contributions - B: Carcinogenic Factors: Exogenous. , 2006, , 101-227. | | 0 |
| 104 | Established Therapies and New Therapeutic Strategies in Alcoholic Liver Disease. , 2017, , 99-127. | | 0 |
| 105 | In Memoriam Professor Jean Pierre von Wartburg (1931 to 2017). Alcoholism: Clinical and Experimental Research, 2017, 41, 1244-1245. | 2.4 | 0 |
| 106 | 3. Die alkoholische Lebererkrankung: NatÃ¼rlicher Verlauf, Risikofaktoren und die Bedeutung des Alkoholstoffwechsels in der Pathogenese. , 2019, , 41-66. | | 0 |
| 107 | Chlormethiazole Treatment Prevents Reduced Hepatic Vitamin A Levels in Ethanol-Fed Rats. Alcoholism: Clinical and Experimental Research, 2002, 26, 1703-1709. | 2.4 | 0 |
| 108 | Alcohol Consumption. , 2011, , 118-120. | | 0 |

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| 109 | Alcohol Consumption. , 2014, , 160-163. | | 0 |