

# Martin LenÅ-Äek

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,112  
citations

471509

17  
h-index

434195

31  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1992  
citing authors

#	ARTICLE	IF	CITATIONS
1	The hepatic response to FGF19 is impaired in patients with nonalcoholic fatty liver disease and insulin resistance. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, G440-G445.	3.4	132
2	Bile acid malabsorption in inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 1322-1327.	1.9	102
3	Differences in antitumor effects of various statins on human pancreatic cancer. <i>International Journal of Cancer</i> , 2008, 122, 1214-1221.	5.1	93
4	Highly sensitive method for quantitative determination of bilirubin in biological fluids and tissues. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 867, 37-42.	2.3	67
5	The Relationship Between Serum Bilirubin and Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 481-487.	1.9	44
6	Bile acids decrease intracellular bilirubin levels in the cholestatic liver: implications for bile acid-mediated oxidative stress. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1156-1165.	3.6	39
7	Determination of Beta-Defensin Genomic Copy Number in Different Populations: A Comparison of Three Methods. <i>PLoS ONE</i> , 2011, 6, e16768.	2.5	39
8	Cholic acid therapy in Zellweger spectrum disorders. <i>Journal of Inherited Metabolic Disease</i> , 2016, 39, 859-868.	3.6	37
9	Use of Non-Invasive Parameters of Non-Alcoholic Steatohepatitis and Liver Fibrosis in Daily Practice - An Exploratory Case-Control Study. <i>PLoS ONE</i> , 2014, 9, e111551.	2.5	37
10	Serum bilirubin levels and UGT1A1 promoter variations in patients with schizophrenia. <i>Psychiatry Research</i> , 2010, 178, 449-450.	3.3	31
11	Cholestatic effect of epigallocatechin gallate in rats is mediated via decreased expression of Mrp2. <i>Toxicology</i> , 2013, 303, 9-15.	4.2	27
12	Osteopontin: A non-invasive parameter of portal hypertension and prognostic marker of cirrhosis. <i>World Journal of Gastroenterology</i> , 2016, 22, 3441-3450.	3.3	25
13	Microbiome and Metabolome Profiles Associated With Different Types of Short Bowel Syndrome: Implications for Treatment. <i>Journal of Parenteral and Enteral Nutrition</i> , 2020, 44, 105-118.	2.6	24
14	Protective effect of heme oxygenase induction in ethinylestradiol-induced cholestasis. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 924-933.	3.6	23
15	Effect of Omega-3 Polyunsaturated Fatty Acids on Lipid Metabolism in Patients With Metabolic Syndrome and NAFLD. <i>Hepatology Communications</i> , 2022, 6, 1336-1349.	4.3	22
16	Prognostic value of anti-CRP antibodies in lupus nephritis in long-term follow-up. <i>Arthritis Research and Therapy</i> , 2015, 17, 371.	3.5	20
17	Iron depletion induces hepatic secretion of biliary lipids and glutathione in rats. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 1469-1480.	2.4	19
18	The cholic acid extension study in Zellweger spectrum disorders: Results and implications for therapy. <i>Journal of Inherited Metabolic Disease</i> , 2019, 42, 303-312.	3.6	18

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19	Comparison of simple extraction procedures in liquid chromatography–mass spectrometry based determination of serum 7 $\alpha$ -hydroxy-4-cholesten-3-one, a surrogate marker of bile acid synthesis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1033-1034, 317-320.	2.3	17
20	NKX2-3 and IRGM variants are associated with disease susceptibility to IBD in Eastern European patients. <i>World Journal of Gastroenterology</i> , 2010, 16, 5233.	3.3	17
21	Effect of carvedilol on portal hypertension depends on the degree of endothelial activation and inflammatory changes. <i>Scandinavian Journal of Gastroenterology</i> , 2006, 41, 1454-1463.	1.5	16
22	Improved HPLC Analysis of Serum 7 $\alpha$ -Hydroxycholest-4-en-3-one, a Marker of Bile Acid Malabsorption. <i>Clinical Chemistry</i> , 2008, 54, 1087-1088.	3.2	16
23	The CTLA4 variants may interact with the IL23R- and NOD2-conferred risk in development of Crohn's disease. <i>BMC Medical Genetics</i> , 2010, 11, 91.	2.1	16
24	Prolonged fibroblast growth factor 19 response in patients with primary sclerosing cholangitis after an oral chenodeoxycholic acid challenge. <i>Hepatology International</i> , 2017, 11, 132-140.	4.2	16
25	CYP7A1 promoter polymorphism $\hat{\sim}$ 203A $\hat{\sim}$ C affects bile salt synthesis rate in patients after ileal resection. <i>Journal of Lipid Research</i> , 2008, 49, 2664-2667.	4.2	15
26	Association of <i>IL23R</i> p.381Gln and <i>ATG16L1</i> p.197Ala With Crohn Disease in the Czech Population. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2009, 49, 405-410.	1.8	12
27	Infliximab dependency is related to decreased surgical rates in adult Crohn's disease patients. <i>European Journal of Gastroenterology and Hepatology</i> , 2010, 22, 1196-1203.	1.6	12
28	Expression of Biliverdin Reductase A in Peripheral Blood Leukocytes Is Associated with Treatment Response in HCV-Infected Patients. <i>PLoS ONE</i> , 2013, 8, e57555.	2.5	12
29	Parenteral nutrition dysregulates bile salt homeostasis in a rat model of parenteral nutrition-associated liver disease. <i>Clinical Nutrition</i> , 2017, 36, 1403-1410.	5.0	12
30	Low circulating concentrations of citrulline and FGF19 predict chronic cholestasis and poor survival in adult patients with chronic intestinal failure: development of a Model for End-Stage Intestinal Failure (MESIF risk score). <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1620-1629.	4.7	12
31	Cytoprotective and Antiproliferative Effects of HMG-CoA Reductase Inhibitors. <i>Current Enzyme Inhibition</i> , 2006, 2, 261-280.	0.4	11
32	Simultaneous genotyping of microsatellite variations in HMOX1 and UGT1A1 genes using multicolored capillary electrophoresis. <i>Clinical Biochemistry</i> , 2010, 43, 697-699.	1.9	11
33	No association of promoter variations of HMOX1 and UGT1A1 genes with liver injury in chronic hepatitis C. <i>Annals of Hepatology</i> , 2011, 10, 445-451.	1.5	11
34	Hyperbilirubinemia in Gunn Rats Is Associated with Decreased Inflammatory Response in LPS-Mediated Systemic Inflammation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2306.	4.1	10
35	A novel accurate LC-MS/MS method for quantitative determination of Z-lumirubin. <i>Scientific Reports</i> , 2020, 10, 4411.	3.3	10
36	Anti-angiogenic effects of the blue-green alga <i>Arthrospira platensis</i> on pancreatic cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 2402-2415.	3.6	10

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37	Two independent genetic factors responsible for the associations of the IBD5 locus with Crohn's disease in the Czech population. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 1523-1529.	1.9	9
38	Serum Bilirubin Concentrations and the Prevalence of Gilbert Syndrome in Elite Athletes. <i>Sports Medicine - Open</i> , 2022, 8, .	3.1	9
39	Chyme Reinfusion Restores the Regulatory Bile Salt-FGF19 Axis in Patients With Intestinal Failure. <i>Hepatology</i> , 2021, 74, 2670-2683.	7.3	8
40	Gallbladder Dyskinesia Is Associated With an Impaired Postprandial Fibroblast Growth Factor 19 Response in Critically Ill Patients. <i>Hepatology</i> , 2019, 70, 308-318.	7.3	7
41	No association of promoter variations of HMOX1 and UGT1A1 genes with liver injury in chronic hepatitis C. <i>Annals of Hepatology</i> , 2011, 10, 445-51.	1.5	7
42	New Kids on the Block: Bile Salt Conjugates of Microbial Origin. <i>Metabolites</i> , 2022, 12, 176.	2.9	7
43	The clinical implication of drug dependency in children and adults with inflammatory bowel disease: A review. <i>Journal of Crohn's and Colitis</i> , 2011, 5, 81-90.	1.3	6
44	Diurnal variation in cholesterol 7 $\alpha$ -hydroxylase activity is determined by the -203A>C polymorphism of the CYP7A1 gene. <i>Croatian Medical Journal</i> , 2016, 57, 111-117.	0.7	6
45	Association of Serum Bilirubin and Functional Variants of Heme Oxygenase 1 and Bilirubin UDP-Glucuronosyl Transferase Genes in Czech Adult Patients with Non-Alcoholic Fatty Liver Disease. <i>Antioxidants</i> , 2021, 10, 2000.	5.1	6
46	Enzymatic methods may underestimate the total serum bile acid concentration. <i>PLoS ONE</i> , 2020, 15, e0236372.	2.5	5
47	Gut Microbes Take It to the Next Level? First Insights Into Farnesoid X Receptor Agonists of Microbial Origin. <i>Hepatology</i> , 2020, 72, 1483-1485.	7.3	3
48	Functional variants of <i>eNOS</i> and <i>iNOS</i> genes have no relationship to the portal hypertension in patients with liver cirrhosis. <i>Scandinavian Journal of Gastroenterology</i> , 2013, 48, 592-601.	1.5	2
49	The cholic acid extension study in Zellweger spectrum disorders: results and implications for therapy. <i>Journal of Inherited Metabolic Disease</i> , 2018, .	3.6	2
50	Mathematical recalibration of total bile acids: comparing the incomparable?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1889-1890.	2.3	0
51	Clinically silent LINE 1 insertion in the PNPLA3 gene may impede genotyping of the p.I148M variant. <i>Scientific Reports</i> , 2021, 11, 20924.	3.3	0