

Elmar Aigner

List of Publications by Year in descending order

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62
papers

1,664
citations

331670

21
h-index

302126

39
g-index

62
all docs

62
docs citations

62
times ranked

2920
citing authors

#	ARTICLE	IF	CITATIONS
1	Obesity as an Emerging Risk Factor for Iron Deficiency. <i>Nutrients</i> , 2014, 6, 3587-3600.	4.1	226
2	Clinical and Metabolic Characterization of Lean Caucasian Subjects With Non-alcoholic Fatty Liver. <i>American Journal of Gastroenterology</i> , 2017, 112, 102-110.	0.4	182
3	Age and Sex but Not ATP7B Genotype Effectively Influence the Clinical Phenotype of Wilson Disease. <i>Hepatology</i> , 2019, 69, 1464-1476.	7.3	110
4	Liver Fibrosis and Metabolic Alterations in Adults With alpha-1-antitrypsin Deficiency Caused by the Pi*ZZ Mutation. <i>Gastroenterology</i> , 2019, 157, 705-719.e18.	1.3	82
5	Dysregulation of iron and copper homeostasis in nonalcoholic fatty liver. <i>World Journal of Hepatology</i> , 2014, 7, 177.	2.0	80
6	Iron overload and non-alcoholic fatty liver disease. <i>Minerva Endocrinology</i> , 2017, 42, 173-183.	1.1	77
7	rs641738C>T near MBOAT7 is associated with liver fat, ALT and fibrosis in NAFLD: A meta-analysis. <i>Journal of Hepatology</i> , 2021, 74, 20-30.	3.7	77
8	Lean Patients with Non-Alcoholic Fatty Liver Disease Have a Severe Histological Phenotype Similar to Obese Patients. <i>Journal of Clinical Medicine</i> , 2018, 7, 562.	2.4	73
9	Loss of hepatic Mboat7 leads to liver fibrosis. <i>Gut</i> , 2021, 70, 940-950.	12.1	73
10	Liver Phenotypes of European Adults Heterozygous or Homozygous for Pi*Z Variant of AAT (Pi*MZ vs Tj ETQq0,0 0 rgBT /Overlock	1.3	63
11	Glucose acts as a regulator of serum iron by increasing serum hepcidin concentrations. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 112-117.	4.2	53
12	Friend or Foe: Lipid Droplets as Organelles for Protein and Lipid Storage in Cellular Stress Response, Aging and Disease. <i>Molecules</i> , 2020, 25, 5053.	3.8	39
13	Patatin-like phospholipase 3 (rs738409) gene polymorphism is associated with increased liver enzymes in obese adolescents and metabolic syndrome in all ages. <i>Alimentary Pharmacology and Therapeutics</i> , 2015, 42, 99-105.	3.7	35
14	The Potential Role of Iron and Copper in Pediatric Obesity and Nonalcoholic Fatty Liver Disease. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	32
15	Metabolomic profiling identifies potential pathways involved in the interaction of iron homeostasis with glucose metabolism. <i>Molecular Metabolism</i> , 2017, 6, 38-47.	6.5	32
16	NAFLD and Cardiovascular Diseases: Epidemiological, Mechanistic and Therapeutic Considerations. <i>Journal of Clinical Medicine</i> , 2021, 10, 467.	2.4	31
17	Specific circulating phospholipids, acylcarnitines, amino acids and biogenic amines are aerobic exercise markers. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 700-705.	1.3	29
18	Metabolic Dysfunction-Associated Fatty Liver Disease (MAFLD) – Rather a Bystander Than a Driver of Mortality. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2670-2677.	3.6	29

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19	<p><p>Lysosomal acid lipase deficiency “ early diagnosis is the key<p><p>, Hepatic Medicine: Evidence and Research, 2019, Volume 11, 79-88.	2.5	28
20	Nonalcoholic Fatty Liver Disease in Lean Subjects: Associations With Metabolic Dysregulation and Cardiovascular Risk“ A Single-Center Cross-Sectional Study. Clinical and Translational Gastroenterology, 2021, 12, e00326.	2.5	28
21	Mitochondrial Haplogroup T Is Associated with Obesity in Austrian Juveniles and Adults. PLoS ONE, 2015, 10, e0135622.	2.5	24
22	Serum Ferritin Correlates With Liver Fat in Male Adolescents With Obesity. Frontiers in Endocrinology, 2020, 11, 340.	3.5	22
23	Diagnosis of Non-Alcoholic Fatty Liver Disease (NAFLD) Is Independently Associated with Cardiovascular Risk in a Large Austrian Screening Cohort. Journal of Clinical Medicine, 2020, 9, 1065.	2.4	21
24	Clinical and metabolic characterization of obese subjects without non-alcoholic fatty liver: A targeted metabolomics approach. Diabetes and Metabolism, 2019, 45, 132-139.	2.9	18
25	Liver-related Mortality is Increased in Lean Subjects with Non- alcoholic Fatty Liver Disease Compared to Overweight and Obese Subjects. Journal of Gastrointestinal and Liver Diseases, 2021, 30, 366-373.	0.9	18
26	PSD3 downregulation confers protection against fatty liver disease. Nature Metabolism, 2022, 4, 60-75.	11.9	15
27	Mesenchymal iron deposition is associated with adverse long-term outcome in non-alcoholic fatty liver disease. Liver International, 2020, 40, 1872-1882.	3.9	14
28	Combined effects of PNPLA3, TM6SF2 and HSD17B13 variants on severity of biopsy-proven non-alcoholic fatty liver disease. Hepatology International, 2021, 15, 922-933.	4.2	14
29	Low rate of new-onset primary biliary cholangitis in a cohort of anti-mitochondrial antibody-positive subjects over six years of follow-up. Journal of Internal Medicine, 2020, 287, 395-404.	6.0	13
30	The Human NADPH Oxidase, Nox4, Regulates Cytoskeletal Organization in Two Cancer Cell Lines, HepG2 and SH-SY5Y. Frontiers in Oncology, 2017, 7, 111.	2.8	12
31	A sex-specific propensity-adjusted analysis of colonic adenoma detection rates in a screening cohort. Scientific Reports, 2021, 11, 17785.	3.3	12
32	Nut consumption and the prevalence and severity of non-alcoholic fatty liver disease. PLoS ONE, 2020, 15, e0244514.	2.5	12
33	Outcome of Budd-Chiari Syndrome Patients Treated With Direct Oral Anticoagulants: An Austrian Multicenter Study. Clinical Gastroenterology and Hepatology, 2023, 21, 978-987.e2.	4.4	12
34	Association between Cardiovascular Risk and Diabetes with Colorectal Neoplasia: A Site-Specific Analysis. Journal of Clinical Medicine, 2018, 7, 484.	2.4	9
35	Changing Metabolic Patterns along the Colorectal Adenoma“Carcinoma Sequence. Journal of Clinical Medicine, 2022, 11, 721.	2.4	9
36	Gender- and site-specific differences of colorectal neoplasia relate to vitamin D. Alimentary Pharmacology and Therapeutics, 2014, 40, 1341-1348.	3.7	8

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37	Natural course of subjects with elevated liver tests and normal liver histology. <i>Liver International</i> , 2016, 36, 119-125.	3.9	8
38	Non-alcoholic fatty liver disease is not independently associated with <i>Helicobacter pylori</i> in a central European screening cohort. <i>Minerva Medica</i> , 2023, 113, .	0.9	8
39	PNPLA3 and SERPINA1 Variants Are Associated with Severity of Fatty Liver Disease at First Referral to a Tertiary Center. <i>Journal of Personalized Medicine</i> , 2021, 11, 165.	2.5	6
40	Expression of Oxidative Phosphorylation Complexes and Mitochondrial Mass in Pediatric and Adult Inflammatory Bowel Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-14.	4.0	6
41	Similar clinical outcome of AMA immunoblot-M2-negative compared to immunoblot-positive subjects over six years of follow-up. <i>Postgraduate Medicine</i> , 2021, 133, 291-298.	2.0	5
42	Machine Learning Models Cannot Replace Screening Colonoscopy for the Prediction of Advanced Colorectal Adenoma. <i>Journal of Personalized Medicine</i> , 2021, 11, 981.	2.5	5
43	PNPLA3 is the dominant SNP linked to liver disease severity at time of first referral to a tertiary center. <i>Digestive and Liver Disease</i> , 2022, 54, 84-90.	0.9	4
44	Benefit of Treatment With Sebelipase-Alfa in a 63-Year-Old Patient With Advanced Liver and Atherosclerotic Disease Due to Lysosomal Acid Lipase Deficiency (LAL-D). <i>American Journal of Gastroenterology</i> , 2018, 113, 443-445.	0.4	2
45	Atrial Fibrillation: A New Indicator for Advanced Colorectal Neoplasia in Screening Colonoscopy. <i>Journal of Clinical Medicine</i> , 2019, 8, 1083.	2.4	2
46	Research update for articles published in <i>EJCI</i> in 2010. <i>European Journal of Clinical Investigation</i> , 2012, 42, 1149-1164.	3.4	1
47	Response to Dr Braillon. <i>American Journal of Gastroenterology</i> , 2017, 112, 512.	0.4	1
48	Hepatosteatosi from Lysosomal Acid Lipase Deficiency. <i>Journal of Gastrointestinal Surgery</i> , 2019, 23, 601-602.	1.7	1
49	Dual proteotoxic stress accelerates liver injury via activation of $p62^{\text{Nrf2}}$. <i>Journal of Pathology</i> , 2021, 254, 80-91.	4.5	1
50	PNPLA3 is the dominant SNP linked to liver disease severity at time of first referral to a tertiary center. <i>Zeitschrift Fur Gastroenterologie</i> , 2021, 59, .	0.5	1
51	Gastroenterologist against the machine - opportunities and limitations of machine learning models for prediction of advanced adenoma. <i>Zeitschrift Fur Gastroenterologie</i> , 2021, 59, .	0.5	1
52	AB0979...A clinical and radiographic study comparing hand involvement in idiopathic osteoarthritis and hemochromatosis arthropathy. <i>Annals of the Rheumatic Diseases</i> , 2013, 71, 694.16-694.	0.9	0
53	Relations of vitamin D status, gender and type 2 diabetes in middle-aged Caucasians:Reply to Dr. Guo. <i>Acta Diabetologica</i> , 2016, 53, 127-128.	2.5	0
54	Response to Dr Yang and Dr Liang. <i>Journal of Internal Medicine</i> , 2020, 287, 582-583.	6.0	0

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55	Einfluss der Augmentationstherapie mit Alpha1-Antitrypsin auf den LeberphÄnotyp von Individuen mit klassischem Alpha1-Antitrypsin-Mangel (Genotyp Pi*ZZ). Zeitschrift Fur Gastroenterologie, 2021, 59, .	0.5	0
56	Histological severity is related to cardiovascular events in lean but not in overweight and obese subjects with NAFLD. Zeitschrift Fur Gastroenterologie, 2018, 56, .	0.5	0
57	Patients with atrial fibrillation have a significantly increased prevalence of advanced premalignant adenomas and colorectal cancer in screening colonoscopy. , 2018, 56, .		0
58	Pontine Myelinolyse als wahrscheinliche Nebenwirkung der antiviralen Therapie. Zeitschrift Fur Gastroenterologie, 2018, 56, .	0.5	0
59	Experience with obeticholic acid in patients with primary biliary cholangitis â€“ multicentric Austrian analysis. , 2019, 57, .		0
60	AMA-positives without PBC and healthy subjects have similar bile acid profiles but are different from PBC patients. Zeitschrift Fur Gastroenterologie, 2019, 57, .	0.5	0
61	Safety and efficacy of direct oral anticoagulants (DOACs) in Budd-Chiari Syndrome (BCS) - an Austrian multicenter study. , 2021, 59, .		0
62	PNPLA3 and TM6SF2 are neither associated with decreased cardiovascular nor increased liver-related mortality in the general population. , 2021, 59, .		0