

Ahmed Ghallab

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

2,249
citations

257450

24
h-index

243625

44
g-index

80
all docs

80
docs citations

80
times ranked

2412
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptomic Cross-Species Analysis of Chronic Liver Disease Reveals Consistent Regulation Between Humans and Mice. <i>Hepatology Communications</i> , 2022, 6, 161-177.	4.3	24
2	The hepatocyte export carrier inhibition assay improves the separation of hepatotoxic from non-hepatotoxic compounds. <i>Chemico-Biological Interactions</i> , 2022, 351, 109728.	4.0	18
3	Liver specific, systemic and genetic contributors to alcohol-related liver disease progression. <i>Zeitschrift Fur Gastroenterologie</i> , 2022, 60, 36-44.	0.5	2
4	Loss of bile salt export pump aggravates lipopolysaccharide-induced liver injury in mice due to impaired hepatic endotoxin clearance. <i>Hepatology</i> , 2022, 75, 1095-1109.	7.3	15
5	Interruption of bile acid uptake by hepatocytes after acetaminophen overdose ameliorates hepatotoxicity. <i>Journal of Hepatology</i> , 2022, 77, 71-83.	3.7	31
6	Influence of bile acids on the cytotoxicity of chemicals in cultivated human hepatocytes. <i>Toxicology in Vitro</i> , 2022, 81, 105344.	2.4	1
7	Automated Detection of Portal Fields and Central Veins in Whole-Slide Images of Liver Tissue. <i>Journal of Pathology Informatics</i> , 2022, 13, 100001.	1.7	1
8	Intravital Dynamic and Correlative Imaging of Mouse Livers Reveals Diffusion-Dominated Canalicular and Flow-Augmented Ductular Bile Flux. <i>Hepatology</i> , 2021, 73, 1531-1550.	7.3	29
9	Aryl Hydrocarbon Receptor Activity in Hepatocytes Sensitizes to Hyperacute Acetaminophen-Induced Hepatotoxicity in Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 371-388.	4.5	11
10	Intestinal Dysbiosis Amplifies Acetaminophen-Induced Acute Liver Injury. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 909-933.	4.5	62
11	Comparing in vitro human liver models to in vivo human liver using RNA-Seq. <i>Archives of Toxicology</i> , 2021, 95, 573-589.	4.2	47
12	Live Imaging of Calcioprotein Particle Clearance and Receptor Mediated Uptake: Role of Calcioprotein Monomers. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 633925.	3.7	28
13	Subcellular spatio-temporal intravital kinetics of aflatoxin B1 and ochratoxin A in liver and kidney. <i>Archives of Toxicology</i> , 2021, 95, 2163-2177.	4.2	15
14	Hypothyroidism Increases Cholesterol Gallstone Prevalence in Mice by Elevated Hydrophobicity of Primary Bile Acids. <i>Thyroid</i> , 2021, 31, 973-984.	4.5	11
15	Epigenomic and transcriptional profiling identifies impaired glyoxylate detoxification in NAFLD as a risk factor for hyperoxaluria. <i>Cell Reports</i> , 2021, 36, 109526.	6.4	22
16	Spatio-Temporal Multiscale Analysis of Western Diet-Fed Mice Reveals a Translationally Relevant Sequence of Events during NAFLD Progression. <i>Cells</i> , 2021, 10, 2516.	4.1	24
17	Gut microbiota depletion exacerbates cholestatic liver injury via loss of FXR signalling. <i>Nature Metabolism</i> , 2021, 3, 1228-1241.	11.9	65
18	Inflammation-associated suppression of metabolic gene networks in acute and chronic liver disease. <i>Archives of Toxicology</i> , 2020, 94, 205-217.	4.2	32

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19	Role of ductular reactive cells in recruiting immune cells. Archives of Toxicology, 2020, 94, 3607-3608.	4.2	0
20	Fluoride: no evidence of developmental neurotoxicity due to current exposure levels in Europe. Archives of Toxicology, 2020, 94, 2543-2544.	4.2	2
21	PPARG as therapeutic target for antifibrotic therapy. EXCLI Journal, 2020, 19, 227-229.	0.7	4
22	Anticancer activity of luteolin glycosides. EXCLI Journal, 2020, 19, 1154-1155.	0.7	1
23	Immune responses during neoadjuvant chemotherapy in triple negative breast cancer. EXCLI Journal, 2020, 19, 1295-1296.	0.7	0
24	Editor's choice 2019: Oxidative stress and antineoplastic agents. EXCLI Journal, 2020, 19, 1607-1609.	0.7	0
25	Editor's choice 2018: Non-coding RNAs in hepatocellular cancer. EXCLI Journal, 2020, 19, 1615-1616.	0.7	0
26	Bile Microinfarcts in Cholestasis Are Initiated by Rupture of the Apical Hepatocyte Membrane and Cause Shunting of Bile to Sinusoidal Blood. Hepatology, 2019, 69, 666-683.	7.3	89
27	Future perspectives of DILI prediction in vitro. Archives of Toxicology, 2019, 93, 2705-2706.	4.2	0
28	Prediction of human drug-induced liver injury (DILI) in relation to oral doses and blood concentrations. Archives of Toxicology, 2019, 93, 1609-1637.	4.2	86
29	Pyrrolizidine alkaloids act by toxicity to sinusoidal endothelial cells of the liver. Archives of Toxicology, 2019, 93, 3639-3640.	4.2	1
30	Pharmacological inhibition of the ideal apical sodium-dependent bile acid transporter ASBT ameliorates cholestatic liver disease in mice. Archives of Toxicology, 2019, 93, 3039-3040.	4.2	1
31	Influence of Liver Fibrosis on Lobular Zonation. Cells, 2019, 8, 1556.	4.1	51
32	TGR5 regulates portal perfusion pressure of the liver. EXCLI Journal, 2019, 18, 1107-1108.	0.7	0
33	Highlight Report: humanized mice reveal interspecies differences in triclosan hepatotoxicity. Archives of Toxicology, 2018, 92, 3613-3614.	4.2	0
34	Highlight report: the need of "fit-for-purpose" controls for cell lines used in toxicity assays. Archives of Toxicology, 2018, 92, 3605-3606.	4.2	0
35	Cellular Clearance and Biological Activity of Calciprotein Particles Depend on Their Maturation State and Crystallinity. Frontiers in Immunology, 2018, 9, 1991.	4.8	84
36	Spatio-temporal visualization of the distribution of acetaminophen as well as its metabolites and adducts in mouse livers by MALDI MSI. Archives of Toxicology, 2018, 92, 2963-2977.	4.2	51

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37	Modeling of early hepatocellular carcinoma. Archives of Toxicology, 2018, 92, 2401-2402.	4.2	0
38	Hair histology as a tool for forensic identification of some domestic animal species. EXCLI Journal, 2018, 17, 663-670.	0.7	4
39	Highlight report: Necrosis-apoptosis conundrum of hepatocytes: mode of hepatocyte death after acetaminophen intoxication. EXCLI Journal, 2018, 17, 1191-1193.	0.7	1
40	In vivo imaging of systemic transport and elimination of xenobiotics and endogenous molecules in mice. Archives of Toxicology, 2017, 91, 1335-1352.	4.2	64
41	The ascending pathophysiology of cholestatic liver disease. Hepatology, 2017, 65, 722-738.	7.3	236
42	Adverse outcome pathways: opportunities, limitations and open questions. Archives of Toxicology, 2017, 91, 3477-3505.	4.2	282
43	Physiologically-based modelling in mice suggests an aggravated loss of clearance capacity after toxic liver damage. Scientific Reports, 2017, 7, 6224.	3.3	57
44	Highlight report: Monitoring cytochrome P450 activities in living hepatocytes. EXCLI Journal, 2017, 16, 1330-1331.	0.7	6
45	Highlight report: Metabolomics in hepatotoxicity testing. EXCLI Journal, 2017, 16, 1323-1325.	0.7	14
46	Towards knowledge-driven cross-species extrapolation. Drug Discovery Today: Disease Models, 2016, 22, 21-26.	1.2	3
47	Gene network activity in cultivated primary hepatocytes is highly similar to diseased mammalian liver tissue. Archives of Toxicology, 2016, 90, 2513-2529.	4.2	100
48	Model-guided identification of a therapeutic strategy to reduce hyperammonemia in liver diseases. Journal of Hepatology, 2016, 64, 860-871.	3.7	110
49	Activated ErbB3 Translocates to the Nucleus via Clathrin-independent Endocytosis, Which Is Associated with Proliferating Cells. Journal of Biological Chemistry, 2016, 291, 3837-3847.	3.4	28
50	Functional intravital imaging of hepatotoxicity: Comparing intact livers to 3D in vitro systems. Toxicology Letters, 2015, 238, S38.	0.8	0
51	Highlight report: perspectives in stem cell research – unbiased quantification of the similarity between in vitro generated and primary hepatocytes. Archives of Toxicology, 2015, 89, 2185-2187.	4.2	0
52	Optimality in the zonation of ammonia detoxification in rodent liver. Archives of Toxicology, 2015, 89, 2069-2078.	4.2	36
53	Highlight report: acetaminophen hepatotoxicity. Archives of Toxicology, 2015, 89, 2449-2451.	4.2	3
54	A Systematic Evaluation of the Use of Physiologically Based Pharmacokinetic Modeling for Cross-Species Extrapolation. Journal of Pharmaceutical Sciences, 2015, 104, 191-206.	3.3	99

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55	Highlight report: Role of the circadian clock system in breast cancer. EXCLI Journal, 2015, 14, 540-1.	0.7	8
56	Highlight report: Blueprint for stem cell differentiation into liver cells. EXCLI Journal, 2015, 14, 1017-9.	0.7	1
57	Highlight report: New methods for quantification of bile canalicular dynamics. EXCLI Journal, 2015, 14, 1264-6.	0.7	1
58	Interspecies extrapolation by physiologically based pharmacokinetic modeling. EXCLI Journal, 2015, 14, 1261-3.	0.7	3
59	Systems Toxicology. EXCLI Journal, 2015, 14, 1267-9.	0.7	2
60	In Vitro Systems for Hepatotoxicity Testing. Methods in Pharmacology and Toxicology, 2014, , 27-44.	0.2	2
61	The virtual liver: state of the art and future perspectives. Archives of Toxicology, 2014, 88, 2071-2075.	4.2	41
62	In vitro systems: current limitations and future perspectives. Archives of Toxicology, 2014, 88, 2085-2087.	4.2	12
63	Ductility of externally prestressed continuous concrete beams. KSCE Journal of Civil Engineering, 2014, 18, 595-606.	1.9	8
64	Perspectives in toxicologic pathology: quantification of bile canalicular networks. Archives of Toxicology, 2014, 88, 1907-1908.	4.2	0
65	The transcription factor CHOP, a central component of the transcriptional regulatory network induced upon CCl4 intoxication in mouse liver, is not a critical mediator of hepatotoxicity. Archives of Toxicology, 2014, 88, 1267-1280.	4.2	58
66	Integrated metabolic spatial-temporal model for the prediction of ammonia detoxification during liver damage and regeneration. Hepatology, 2014, 60, 2040-2051.	7.3	109
67	Highlights in tumor metabolome research: Choline metabolism influences integrin expression and supports cell attachment. EXCLI Journal, 2014, 13, 856-8.	0.7	4
68	The rediscovery of HepG2 cells for prediction of drug induced liver injury (DILI). EXCLI Journal, 2014, 13, 1286-8.	0.7	24
69	Human non-parenchymal liver cells for co-cultivation systems. EXCLI Journal, 2014, 13, 1295-6.	0.7	15
70	In vitro test systems and their limitations. EXCLI Journal, 2013, 12, 1024-6.	0.7	48
71	In Vitro - In Vivo Correlation of Gene Expression Alterations Induced by Liver Carcinogens. Current Medicinal Chemistry, 2012, 19, 1721-1730.	2.4	48