Madlen Matz-Soja

List of Publications by Year
in descending order

31 papers	1,902 citations	643344 15 h-index	563245 28 g-index
33 all docs	33 docs citations	33 times ranked	3452 citing authors

#	Article	IF	Citations
1	Hepatic Hedgehog Signaling Participates in the Crosstalk between Liver and Adipose Tissue in Mice by Regulating FGF21. Cells, 2022, 11, 1680.	1.8	3
2	Functional Consequences of Metabolic Zonation in Murine Livers: Insights for an Old Story. Hepatology, 2021, 73, 795-810.	3.6	35
3	In Vivo and In Vitro Characterization of Primary Human Liver Macrophages and Their Inflammatory State. Biomedicines, 2021, 9, 406.	1.4	1
4	Sex-dependent dynamics of metabolism in primary mouse hepatocytes. Archives of Toxicology, 2021, 95, 3001-3013.	1.9	9
5	HepaChip-MP â€“ a twenty-four chamber microplate for a continuously perfused liver coculture model. Lab on A Chip, 2020, 20, 2911-2926.	3.1	12
6	Chronic Disruption of the Late Cholesterol Synthesis Leads to Female-Prevalent Liver Cancer. Cancers, 2020, 12, 3302.	1.7	8
7	Cyclopamine and Rapamycin Synergistically Inhibit mTOR Signalling in Mouse Hepatocytes, Revealing an Interaction of Hedgehog and mTor Signalling in the Liver. Cells, 2020, 9, 1817.	1.8	4
8	Tick-tock hedgehog-mutual crosstalk with liver circadian clock promotes liver steatosis. Journal of Hepatology, 2019, 70, 1192-1202.	1.8	18
9	Mutual Zonated Interactions of Wnt and Hh Signaling Are Orchestrating the Metabolism of the Adult Liver in Mice and Human. Cell Reports, 2019, 29, 4553-4567.e7.	2.9	15
10	Influence of Liver Fibrosis on Lobular Zonation. Cells, 2019, 8, 1556.	1.8	51
11	Hedgehog Signaling and Liver Lipid Metabolism. , 2019, , 201-212.		0
12	Hepatic NAD+ levels and NAMPT abundance are unaffected during prolonged high-fat diet consumption in C57BL/6JBomTac mice. Molecular and Cellular Endocrinology, 2018, 473, 245-256.	1.6	35
13	Epigenomic map of human liver reveals principles of zonated morphogenic and metabolic control. Nature Communications, 2018, 9, 4150.	5.8	65
14	The Diurnal Timing of Starvation Differently Impacts Murine Hepatic Gene Expression and Lipid Metabolism â€“ A Systems Biology Analysis Using Self-Organizing Maps. Frontiers in Physiology, 2018, 9, 1180.	1.3	10
15	Disrupting Hepatocyte Cyp51 from Cholesterol Synthesis Leads to Progressive Liver Injury in the Developing Mouse and Decreases RORC Signalling. Scientific Reports, 2017, 7, 40775.	1.6	26
16	Hedgehog signalling in myeloid cells impacts on body weight, adipose tissue inflammation and glucose metabolism. Diabetologia, 2017, 60, 889-899.	2.9	22
17	Conditional loss of hepatocellular Hedgehog signaling in female mice leads to the persistence of hepatic steroidogenesis, androgenization and infertility. Archives of Toxicology, 2017, 91, 3677-3687.	1.9	15
18	Hedgehog signaling is a potent regulator of liver lipid metabolism and reveals a GLI-code associated with steatosis. ELife, 2016, 5, .	2.8	61

#	Article	IF	Citations
19	Computational modelling of Hedgehog signalling in liver regeneration. Drug Discovery Today: Disease Models, 2016, 22, 45-50.	1.2	1
20	Fuzzy modeling reveals a dynamic self-sustaining network of the GLI transcription factors controlling important metabolic regulators in adult mouse hepatocytes. Molecular BioSystems, 2015, 11, 2190-2197.	2.9	21
21	Liposomes as carriers: not as innocent as one would like. Archives of Toxicology, 2015, 89, 1399-1400.	1.9	0
22	RNAi in murine hepatocytes: the agony of choiceâ€"a study of the influence of lipid-based transfection reagents on hepatocyte metabolism. Archives of Toxicology, 2015, 89, 1579-1588.	1.9	15
23	Liver zonation: Novel aspects of its regulation and its impact on homeostasis. World Journal of Gastroenterology, 2014, 20, 8491.	1.4	240
24	The many faces of Hedgehog signalling in the liver: Recent progress reveals striking cellular diversity and the importance of microenvironments. Journal of Hepatology, 2014, 61, 1449-1450.	1.8	9
25	Liver-Restricted Repin1 Deficiency Improves Whole-Body Insulin Sensitivity, Alters Lipid Metabolism, and Causes Secondary Changes in Adipose Tissue in Mice. Diabetes, 2014, 63, 3295-3309.	0.3	24
26	Hepatic Hedgehog signaling contributes to the regulation of IGF1 and IGFBP1 serum levels. Cell Communication and Signaling, 2014, 12, 11.	2.7	50
27	Recent advances in 2D and 3D in vitro systems using primary hepatocytes, alternative hepatocyte sources and non-parenchymal liver cells and their use in investigating mechanisms of hepatotoxicity, cell signaling and ADME. Archives of Toxicology, 2013, 87, 1315-1530.	1.9	1,089
28	Hedgehog signalling pathway in adult liver: A major new player in hepatocyte metabolism and zonation?. Medical Hypotheses, 2013, 80, 589-594.	0.8	27
29	Dual origin, development, and fate of bovine pancreatic islets. Journal of Anatomy, 2013, 222, 358-371.	0.9	7
30	The extended TILAR approach: a novel tool for dynamic modeling of the transcription factor network regulating the adaption to in vitro cultivation of murine hepatocytes. BMC Systems Biology, 2012, 6, 147.	3.0	14
31	Central energy metabolism remains robust in acute steatotic hepatocytes challenged by a high free fatty acid load. BMB Reports, 2012, 45, 396-401.	1.1	15