Appendix 1. The top 10 cited references.

Rank	Title	Cited Frequency	First Author	Corresponding Author	Journal	Year
1	Liver macrophages in tissue homeostasis and disease	104	Oliver Krenkel	Frank Tacke	Nature Reviews Immunology	2017
2	Mechanisms of hepatic stellate cell activation	103	Takuma Tsuchida	Friedman Scott L	Nature Reviews Gastroenterology & Hepatology	2017
3	Targeting hepatic macrophages to treat liver diseases	93	Frank Tacke	Frank Tacke	Journal of Hepatology	2017
4	Macrophage heterogeneity in liver injury and fibrosis	81	Frank Tacke	Frank Tacke	Journal of Hepatology	2014
5	Molecular and cellular mechanisms of liver fibrosis and its regression	80	Tatiana Kisseleva	Tatiana Kisseleva	Nature Reviews Gastroenterology & Hepatology	2021
6	Resolving the fibrotic niche of human liver cirrhosis at single-cell level	80	P. Ramachandran	P. Ramachandran	Nature	2019
7	Liver fibrosis and repair: immune regulation of wound	78	Antonella Pellicoro	Jonathan A. Fallowfield	Nature Reviews Immunolo	2014

	healing in a solid organ				gy	
8	Therapeutic inhibition of inflammatory monocyte recruitment reduces steatohepatitis and liver fibrosis	67	Oliver Krenkel	Frank Tacke	Hepatology	2018
9	Liver inflammation and fibrosis	66	Yukinori Koyama	David A. Brenner	The Journal of Clinical Investigation	2017
10	Differential Ly-6C expression identifies the recruited macrophage phenotype, which orchestrates the regression of murine liver fibrosis	59	Prakash Ramachandran	John P. Iredale	Proceedings of the National Academy of Sciences (PNAS)	2012

Appendix 2. Top 20 keywords with the highest frequency

Rank	Keyword	Frequency	Rank	Keyword	Frequency
1	liver fibrosis	603	11	cirrhosis	161
2	inflammation	446	12	mechanisms	158
3	macrophages	398	13	mice	157
4	fibrosis	369	14	nonalcoholoc steatohepatitis	154
5	hepatic stellate cells	321	15	cells	144
6	activation	327	16	macrophage	131
7	expression	335	17	liver	115
8	injury	225	18	stellate cells	111
9	disease	183	19	oxidative stress	107
10	kupffer cells	179	20	hepatic fibrosis	101

Appendix 3. Key results of the bibliometric analysis

top countries/institutions/authors			
top authors(n)	Frank Tacke (49)	Trautwein Christian (33)	Henning Gronbaek (19)
top journals(n)	Hepatology (77)	Frontiers in Immunology (65)	Journal of Hepatology (50)
top institutions(n)	RWTH Aachen University (80)	RWTH Aachen University Hospital (69)	University of California System (67)
top countries(n)	China (585)	USA (414)	Germany (210)
top keywords(n)	liver fibrosis (603)	Inflammation (446)	Macrophages (398)