

Supplementary Materials:

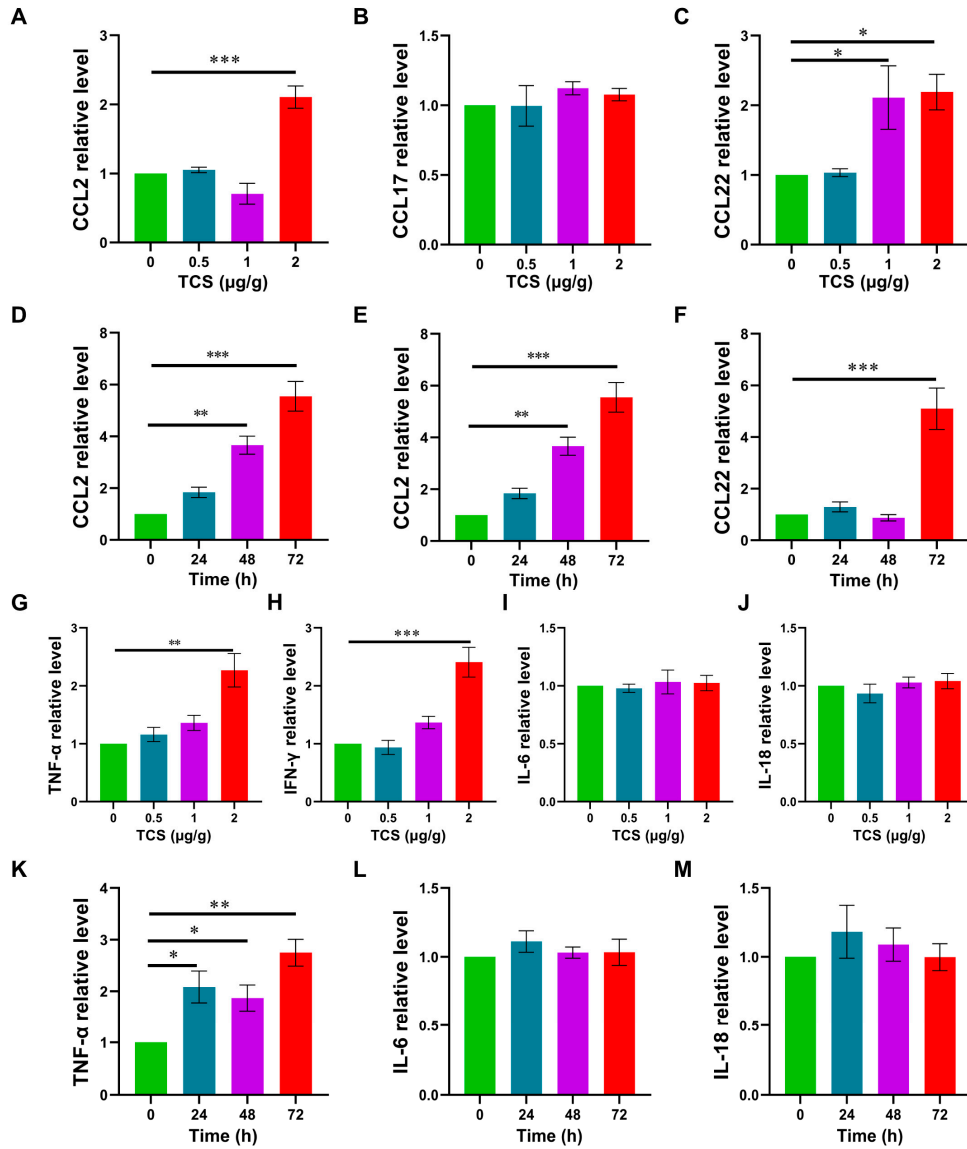


Figure S1. mRNA expression of CCL2, CCL17, CCL22, TNF- α , IFN- γ , IL-6, and IL-18. (A-C) RT-qPCR method detected mRNA levels of CCL2, CCL17 and CCL22 in HCC tissues treated with different doses of TCS (0, 0.5, 1 and 2 μ g/g), GAPDH as the internal reference gene; (D-F) RT-qPCR method detected the mRNA levels of CCL2, CCL17 and CCL22 in H22 HCC cells treated with 25 μ g/g TCS after 24h, 48h and 72h, GAPDH as the internal reference gene; (G-J) RT-qPCR method detected the mRNA levels of TNF- α , IFN- γ , IL-6, and IL-18 in HCC tissues treated with different doses of TCS (0, 0.5, 1 and 2 μ g/g), GAPDH as the internal reference gene; (K-M) RT-qPCR method detected the mRNA levels of TNF- α , IL-6, and IL-18 in H22 HCC cells treated with 25 μ g/g TCS after 24h, 48h and 72h, GAPDH as the internal reference gene. *, $p < 0.05$; **, $p < 0.01$; ***, $p < 0.001$.

Table S1. The antibody information in this study.

	Clones	Manufacturer	Host / Isotype	Conjugation
Caspase 3	Polyclonal antibody	Cell Signaling, cat# 9662	Rabbit / IgG	Unconjugated
Caspase 8	Polyclonal antibody	Abclonal, A0215	Rabbit / IgG	Unconjugated
Caspase 9	Polyclonal antibody	Abclonal, A7523	Rabbit / IgG	Unconjugated
Cleaved-caspase 3	Monoclonal antibody (5A1E)	Cell Signaling, cat# 9664T	Rabbit / IgG	Unconjugated
Cleaved-caspase 8	Monoclonal antibody (D5B2)	Cell Signaling, cat# 8592T	Rabbit / IgG	Unconjugated
Cleaved-caspase 9	Polyclonal antibody	Cell Signaling, cat# 9509T	Rabbit / IgG	Unconjugated
Granzyme B	Monoclonal antibody (D2H2F)	Cell Signaling, cat# 17215S	Rabbit / IgG	Unconjugated
M6PR	Monoclonal antibody (D3V8C)	Cell Signaling, cat# 14364S	Rabbit / IgG	Unconjugated
LC3B	Polyclonal antibody	Cell Signaling, cat# 2775S	Rabbit / IgG	Unconjugated
P62	Polyclonal antibody	Proteintech, 18420-1-AP	Rabbit / IgG	Unconjugated
GAPDH	Monoclonal antibody (1E6D9)	Proteintech, 60004-1-Ig	Mouse/IgG2b	Unconjugated
PARP	Monoclonal antibody (46D11)	Cell Signaling, cat# 9532	Rabbit / IgG	Unconjugated
Cleaved PARP	Polyclonal antibody	Cell Signaling, cat# 9544	Rabbit / IgG	Unconjugated
Ki-67	Monoclonal antibody (D3B5)	Cell Signaling, cat# 9129	Rabbit / IgG	
CoraLite® Plus 488-conjugated CD8 Monoclonal antibody	Monoclonal antibody (1G2B10)	Proteintech, CL488-66868	Mouse / IgG1	CoraLite® Plus 488 Fluorescent Dye

Donkey Rabbit Highly Adsorbed Secondary Antibody	anti- IgG (H+L) Cross-	Polyclonal	ThermoFisher Scientific	Donkey / IgG	Alexa Fluor™ 555
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Table S2. Sequences of primers for real-time PCR.

	Primer	Sequence (5' to 3')
CCL2	CCL2-qPCR-F	TTAAAAACCTGGATCGGAACCAA
	CCL2-qPCR-R	GCATTAGCTTCAGATTTACGGGT
CCL22	CCL22-qPCR-F	AGGTCCCTATGGTGCCAATGT
	CCL22-qPCR-R	CGGCAGGATTTTGAGGTCCA
CCL17	CCL17-qPCR-F	TACCATGAGGTCACCTCAGATGC
	CCL17-qPCR-R	GCACTCTCGGCCTACATTGG
IFN- γ	IFN γ -qPCR-F	ATGAACGCTACACACTGCATC
	IFN γ -qPCR-R	CCATCCTTTTGCCAGTTCCTC
IL18	IL18-qPCR-F	GACTCTTGCGTCAACTTCAAGG
	IL18-qPCR-R	CAGGCTGTCTTTTGTC AACGA
IL-6	IL6-qPCR-F	TAGTCCTTCCTACCCCAATTTCC
	IL6-qPCR-R	TTGGTCCTTAGCCACTCCTTC
TNF- α	TNF α -qPCR-F	CCTGTAGCCACGTCGTAG
	TNF α -qPCR-R	GGGAGTAGACAAGGTACAACCC
GAPDH	GAPDH-qPCR-F	AGGTCGGTGTGAACGGATTTG
	GAPDH-qPCR-R	TGTAGACCATGTAGTTGAGGTCA