

**Table S1** Top 20 productive journals, authors and countries concerning the “lung cancer and inflammation” field from 2013 to 2023

Rank	Journals [articles]	Authors [articles]	Country/regions [articles]
1	<i>Frontiers in Oncology</i> [35]	Zhang L [33]	China [562]
2	<i>PLoS One</i> [32]	Wang J [24]	United States [176]
3	<i>Scientific Reports</i> [29]	Johansson M [22]	Japan [84]
4	<i>Cancers</i> [27]	Li Y [22]	Korea [46]
5	<i>Lung Cancer</i> [26]	Wang Y [20]	Italy [39]
6	<i>Oncotarget</i> [22]	Zhang Y [19]	Germany [33]
7	<i>Frontiers in Immunology</i> [21]	Zhang J [16]	Turkey [32]
8	<i>Thoracic Cancer</i> [18]	Zhang H [15]	Spain [31]
9	<i>BMC Cancer</i> [17]	Brennan P [14]	India [30]
10	<i>Cancer Immunology, Immunotherapy</i> [17]	Chen C [14]	United Kingdom [26]
11	<i>Medicine</i> [16]	Chen Y [14]	France [19]
12	<i>Oncology Letters</i> [16]	Li W [14]	Greece [17]
13	<i>Cancer Management and Research</i> [15]	Zhang Q [14]	Canada [16]
14	<i>Cancer Research</i> [13]	Wang H [13]	Australia [15]
15	<i>Future Oncology</i> [13]	Yu JM [13]	Norway [13]
16	<i>International Journal of Cancer</i> [13]	Zhang X [13]	Poland [12]
17	<i>International Journal of Molecular Sciences</i> [13]	Li J [12]	Brazil [11]
18	<i>Journal of Thoracic Disease</i> [12]	Liu D [12]	Austria [10]
19	<i>Journal of Thoracic Oncology</i> [12]	Wang L [12]	Netherlands [9]
20	<i>OncoTargets and Therapy</i> [12]	Li WM [11]	Belgium [8]

**Table S2** Top 10 articles cited concerning the “lung cancer and inflammation” field from 2013 to 2023

Rank	First author	Year	Journal	Title	Total citations	TC per year
1	Ridker PM	2017	<i>Lancet</i>	Effect of interleukin-1 $\beta$ inhibition with canakinumab on incident lung cancer in patients with atherosclerosis: exploratory results from a randomized, double-blind, placebo-controlled trial	734	104.86
2	Diem S	2017	<i>Lung Cancer</i>	Neutrophil-to-lymphocyte ratio (NLR) and platelet-to-lymphocyte ratio (PLR) as prognostic markers in patients with non-small cell lung cancer (NSCLC) treated with nivolumab	502	71.71
3	Valavanidis A	2013	<i>Int J Environ Res Public Health</i>	Pulmonary oxidative stress, inflammation and cancer: respirable particulate matter, fibrous dust and ozone as major causes of lung carcinogenesis through reactive oxygen species mechanisms	439	39.91
4	Jin CC	2019	<i>Cell</i>	Commensal microbiota promote lung cancer development via $\gamma\delta$ T cells	425	85.00
5	Eruslanov EB	2014	<i>J Clin Invest</i>	Tumor-associated neutrophils stimulate T cell responses in early-stage human lung cancer	387	38.70
6	Vomund S	2017	<i>Int J Mol Sci</i>	Nrf2, the master regulator of anti-oxidative responses	362	51.71
7	Liu Q	2016	<i>Cytokine Growth Factor Rev</i>	The CXCL8-CXCR1/2 pathways in cancer	353	44.13
8	Kargl J	2017	<i>Nat Commun</i>	Neutrophils dominate the immune cell composition in non-small cell lung cancer	235	33.57
9	Durham AL	2015	<i>Lung Cancer</i>	The relationship between COPD and lung cancer	230	25.56
10	Chang SH	2014	<i>Proc Natl Acad Sci U S A</i>	T helper 17 cells play a critical pathogenic role in lung cancer	221	22.10

TC, total citation.

**Table S3** Top 20 most cited journals, authors and countries concerning the “lung cancer and inflammation” field from 2013 to 2023

Rank	Journals [TC]	Authors [TC]	Country/regions [TC]
1	<i>Lung Cancer</i> [1,581]	Ridker PM [817]	China [10,920]
2	<i>PLoS One</i> [1,402]	Li Y [798]	United States [7,181]
3	<i>Scientific Reports</i> [794]	Wang J [796]	Japan [1,613]
4	<i>Lancet</i> [734]	Everett BM [734]	Korea [1,166]
5	<i>Oncotarget</i> [712]	Glynn RJ [734]	Germany [1,123]
6	<i>Cancer Research</i> [676]	Libby P [734]	France [908]
7	<i>Cancer Immunology, Immunotherapy</i> [619]	Macfadyen JG [734]	Italy [882]
8	<i>Journal of Thoracic Oncology</i> [599]	Thuren T [734]	United Kingdom [866]
9	<i>Journal of Clinical Investigation</i> [594]	Liu Q [659]	Greece [694]
10	<i>Frontiers in Immunology</i> [553]	Liu Y [640]	Spain [694]
11	<i>International Journal of Molecular Sciences</i> [552]	Zhang L [599]	Australia [614]
12	<i>OncoTargets and Therapy</i> [544]	Zhang H [515]	Canada [569]
13	<i>British Journal of Cancer</i> [523]	Zhang J [512]	Switzerland [513]
14	<i>International Journal of Environmental Research and Public Health</i> [459]	Born D [502]	Turkey [398]
15	<i>Cell</i> [425]	Diem S [502]	Netherlands [300]
16	<i>BMC Cancer</i> [423]	Flatz L [502]	India [283]
17	<i>Oncology Reports</i> [420]	Fruh M [502]	Portugal [257]
18	<i>Journal of Cancer</i> [373]	Jochum W [502]	Norway [247]
19	<i>Cancers</i> [359]	Krapf M [502]	Denmark [246]
20	<i>Cytokine &amp; Growth Factor Reviews</i> [353]	Schmid S [502]	Brazil [214]

TC, total citation.

**Table S4** Top 20 journals and authors with the highest H-index concerning the “lung cancer and inflammation” field from 2013 to 2023

Rank	Journals [H-index]	Authors [H-index]
1	<i>PLoS One</i> [20]	Wang J [14]
2	<i>Lung Cancer</i> [18]	Johansson M [13]
3	<i>Oncotarget</i> [17]	Li Y [13]
4	<i>Scientific Reports</i> [13]	Zhang L [12]
5	<i>Cancer Immunology Immunotherapy</i> [12]	Brennan P [11]
6	<i>Cancer Research</i> [12]	Wang Y [11]
7	<i>Journal of Thoracic Oncology</i> [12]	Zhang J [10]
8	<i>BMC Cancer</i> [11]	Yu JM [9]
9	<i>Cancers</i> [11]	Zhang H [9]
10	<i>Frontiers in Immunology</i> [10]	Caporaso NE [8]
11	<i>International Journal of Cancer</i> [10]	Li WM [8]
12	<i>OncoTargets and Therapy</i> [10]	Liu Q [8]
13	<i>Thoracic Cancer</i> [9]	Shi L [8]
14	<i>Tumor Biology</i> [9]	Wang H [8]
15	<i>Journal of Translational Medicine</i> [8]	Zhang Y [8]
16	<i>Medicine</i> [8]	Chen C [7]
17	<i>Oncology Letters</i> [8]	Grankvist K [7]
18	<i>Oncology Reports</i> [8]	Huang Y [7]
19	<i>Annals of Translational Medicine</i> [7]	Li J [7]
20	<i>Cancer Management and Research</i> [7]	Li L [7]