Andreas Weigert

List of Publications by Citations

167 papers	5,028 citations	40 h-index	64 g-index
182 ext. papers	6,308 ext. citations	7.2 avg, IF	5.65 L-index

#	Paper	IF	Citations
167	Redox control of inflammation in macrophages. *Antioxidants and Redox Signaling*, **2013**, 19, 595-637	8.4	236
166	Apoptotic cells promote macrophage survival by releasing the antiapoptotic mediator sphingosine-1-phosphate. *Blood*, **2006**, 108, 1635-42	2.2	211
165	Redirecting tumor-associated macrophages to become tumoricidal effectors as a novel strategy for cancer therapy. *Oncotarget*, **2017**, 8, 48436-48452	3.3	153
164	Heme oxygenase-1 contributes to an alternative macrophage activation profile induced by apoptotic cell supernatants. *Molecular Biology of the Cell*, **2009**, 20, 1280-8	3.5	133
163	S1PR1 on tumor-associated macrophages promotes lymphangiogenesis and metastasis via NLRP3/IL-1 *Journal of Experimental Medicine*, **2017**, 214, 2695-2713	16.6	127
162	Tumor cell apoptosis polarizes macrophages role of sphingosine-1-phosphate. *Molecular Biology of the Cell*, **2007**, 18, 3810-9	3.5	126
161	Cancer cell and macrophage cross-talk in the tumor microenvironment. *Current Opinion in Pharmacology*, **2017**, 35, 12-19	5.1	122
160	Macrophage and cancer cell cross-talk via CCR2 and CX3CR1 is a fundamental mechanism driving lung cancer. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 191, 437-47	10.2	121
159	Nitric oxide, apoptosis and macrophage polarization during tumor progression. *Nitric Oxide - Biology and Chemistry*, **2008**, 19, 95-102	5	115
158	Knockout of HIF-1 in tumor-associated macrophages enhances M2 polarization and attenuates their pro-angiogenic responses. *Carcinogenesis*, **2010**, 31, 1863-72	4.6	114
157	Peroxisome proliferator-activated receptor induced T cell apoptosis reduces survival during polymicrobial sepsis. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 184, 64-74	10.2	108
156	Hypoxia enhances sphingosine kinase 2 activity and provokes sphingosine-1-phosphate-mediated chemoresistance in A549 lung cancer cells. *Molecular Cancer Research*, **2009**, 7, 393-401	6.6	89
155	Interleukin-38 is released from apoptotic cells to limit inflammatory macrophage responses. *Journal of Molecular Cell Biology*, **2016**, 8, 426-438	6.3	88
154	Sphingosine kinase 2 deficient tumor xenografts show impaired growth and fail to polarize macrophages towards an anti-inflammatory phenotype. *International Journal of Cancer*, **2009**, 125, 2114-21	7.5	87
153	Regulation of macrophage function by sphingosine-1-phosphate. *Immunobiology*, **2009**, 214, 748-60	3.4	85
152	Vitamin D promotes vascular regeneration. *Circulation*, **2014**, 130, 976-86	16.7	82
151	Apoptotic tumor cell-derived microRNA-375 uses CD36 to alter the tumor-associated macrophage phenotype. *Nature Communications*, **2019**, 10, 1135	17.4	69

150	PPARgamma1 attenuates cytosol to membrane translocation of PKCalpha to desensitize monocytes/macrophages. *Journal of Cell Biology*, **2007**, 176, 681-94	7.3	69
149	THP-1 and human peripheral blood mononuclear cell-derived macrophages differ in their capacity to polarize in vitro. *Molecular Immunology*, **2017**, 88, 58-68	4.3	67
148	Immune and Inflammatory Cell Composition of Human Lung Cancer Stroma. *PLoS ONE*, **2015**, 10, e0139073	3.7	66
147	Characterization of RA839, a Noncovalent Small Molecule Binder to Keap1 and Selective Activator of Nrf2 Signaling. *Journal of Biological Chemistry*, **2015**, 290, 28446-28455	5.4	62
146	Cleavage of sphingosine kinase 2 by caspase-1 provokes its release from apoptotic cells. *Blood*, **2010**, 115, 3531-40	2.2	62
145	Lipocalin 2 from macrophages stimulated by tumor cell-derived sphingosine 1-phosphate promotes lymphangiogenesis and tumor metastasis. *Science Signaling*, **2016**, 9, ra64	8.8	60
144	Interleukin-10-induced neutrophil gelatinase-associated lipocalin production in macrophages with consequences for tumor growth. *Molecular and Cellular Biology*, **2012**, 32, 3938-48	4.8	56
143	Hypoxia stimulus: An adaptive immune response during dendritic cell maturation. *Kidney International*, **2008**, 73, 816-25	9.9	56
142	Hypoxia Potentiates Palmitate-induced Pro-inflammatory Activation of Primary Human Macrophages. *Journal of Biological Chemistry*, **2016**, 291, 413-24	5.4	54
141	Anti-inflammatory role of microsomal prostaglandin E synthase-1 in a model of neuroinflammation. *Journal of Biological Chemistry*, **2011**, 286, 2331-42	5.4	54
140	Macrophages programmed by apoptotic cells promote angiogenesis via prostaglandin E2. *FASEB Journal*, **2011**, 25, 2408-17	0.9	54
139	Apoptotic cells induce arginase II in macrophages, thereby attenuating NO production. *FASEB Journal*, **2007**, 21, 2704-12	0.9	54
138	Tumour stroma-derived lipocalin-2 promotes breast cancer metastasis. *Journal of Pathology*, **2016**, 239, 274-85	9.4	53
137	Sphingosine-1-phosphate signalling induces the production of Lcn-2 by macrophages to promote kidney regeneration. *Journal of Pathology*, **2011**, 225, 597-608	9.4	52
136	Lung cancer-associated pulmonary hypertension: Role of microenvironmental inflammation based on tumor cell-immune cell cross-talk. *Science Translational Medicine*, **2017**, 9,	17.5	50
135	Macrophage-derived lipocalin-2 transports iron in the tumor microenvironment. *OncoImmunology*, **2018**, 7, e1408751	7.2	50
134	Apoptotic cell-derived sphingosine-1-phosphate promotes HuR-dependent cyclooxygenase-2 mRNA stabilization and protein expression. *Journal of Immunology*, **2008**, 180, 1239-48	5.3	49
133	Apoptotic cells enhance sphingosine-1-phosphate receptor 1 dependent macrophage migration. *European Journal of Immunology*, **2013**, 43, 3306-13	6.1	47

132	Microenvironmental Th9 and Th17 lymphocytes induce metastatic spreading in lung cancer. *Journal of Clinical Investigation*, **2020**, 130, 3560-3575	15.9	46
131	IL-38 Ameliorates Skin Inflammation and Limits IL-17 Production from γδ T Cells. *Cell Reports*, **2019**, 27, 835-846.e5	10.6	44
130	The supernatant of apoptotic cells causes transcriptional activation of hypoxia-inducible factor-1alpha in macrophages via sphingosine-1-phosphate and transforming growth factor-beta. *Blood*, **2009**, 114, 2140-8	2.2	44
129	Nox2-dependent signaling between macrophages and sensory neurons contributes to neuropathic pain hypersensitivity. *Pain*, **2014**, 155, 2161-70	8	41
128	Apoptotic tumor cells induce IL-27 release from human DCs to activate Treg cells that express CD69 and attenuate cytotoxicity. *European Journal of Immunology*, **2012**, 42, 1585-98	6.1	41
127	Inhibition of GTP cyclohydrolase attenuates tumor growth by reducing angiogenesis and M2-like polarization of tumor associated macrophages. *International Journal of Cancer*, **2013**, 132, 591-604	7.5	40
126	Depletion of tristetraprolin in breast cancer cells increases interleukin-16 expression and promotes tumor infiltration with monocytes/macrophages. *Carcinogenesis*, **2013**, 34, 850-7	4.6	40
125	Sulforaphane potentiates oxaliplatin-induced cell growth inhibition in colorectal cancer cells via induction of different modes of cell death. *Cancer Chemotherapy and Pharmacology*, **2011**, 67, 1167-78	3.5	40
124	Smac mimetic and glucocorticoids synergize to induce apoptosis in childhood ALL by promoting ripoptosome assembly. *Blood*, **2014**, 124, 240-50	2.2	38
123	MPGES-1-derived PGE2 suppresses CD80 expression on tumor-associated phagocytes to inhibit anti-tumor immune responses in breast cancer. *Oncotarget*, **2015**, 6, 10284-96	3.3	38
122	Tumor-associated macrophages as targets for tumor immunotherapy. *Immunotherapy*, **2009**, 1, 83-95	3.8	37
121	Sphingosine-1-Phosphate and Macrophage Biology-How the Sphinx Tames the Big Eater. *Frontiers in Immunology*, **2019**, 10, 1706	8.4	36
120	Reprogramming of tumor-associated macrophages by targeting β-catenin/FOSL2/ARID5A signaling: A potential treatment of lung cancer. *Science Advances*, **2020**, 6, eaaz6105	14.3	35
119	The role of TRKA signaling in IL-10 production by apoptotic tumor cell-activated macrophages. *Oncogene*, **2013**, 32, 631-40	9.2	33
118	Iron Handling in Tumor-Associated Macrophages-Is There a New Role for Lipocalin-2?. *Frontiers in Immunology*, **2017**, 8, 1171	8.4	33
117	Beyond Immune Cell Migration: The Emerging Role of the Sphingosine-1-phosphate Receptor S1PR4 as a Modulator of Innate Immune Cell Activation. *Mediators of Inflammation*, **2017**, 2017, 6059203	4.3	32
116	Redox-signals and macrophage biology. *Molecular Aspects of Medicine*, **2018**, 63, 70-87	16.7	31
115	Inflammation-induced loss of Pdcd4 is mediated by phosphorylation-dependent degradation. *Carcinogenesis*, **2011**, 32, 1427-33	4.6	31

114	The liaison between apoptotic cells and macrophages--the end programs the beginning. *Biological Chemistry*, **2009**, 390, 379-90	4.5	29
113	The NADPH organizers NoxO1 and p47phox are both mediators of diabetes-induced vascular dysfunction in mice. *Redox Biology*, **2018**, 15, 12-21	11.3	28
112	Ceramide synthase 2 deficiency aggravates AOM-DSS-induced colitis in mice: role of colon barrier integrity. *Cellular and Molecular Life Sciences*, **2017**, 74, 3039-3055	10.3	27
111	Loss of Nrf2 in bone marrow-derived macrophages impairs antigen-driven CD8(+) T cell function by limiting GSH and Cys availability. *Free Radical Biology and Medicine*, **2015**, 83, 77-88	7.8	27
110	HIF-1 is a negative regulator of plasmacytoid DC development in vitro and in vivo. *Blood*, **2012**, 120, 3001-6	2.2	27
109	Spatial Density and Distribution of Tumor-Associated Macrophages Predict Survival in Non-Small Cell Lung Carcinoma. *Cancer Research*, **2020**, 80, 4414-4425	10.1	27
108	Hypoxia Causes Downregulation of Dicer in Hepatocellular Carcinoma, Which Is Required for Upregulation of Hypoxia-Inducible Factor 1 and Epithelial-Mesenchymal Transition. *Clinical Cancer Research*, **2017**, 23, 3896-3905	12.9	25
107	Prostacyclin mediates neuropathic pain through interleukin 1 expressing resident macrophages. *Pain*, **2014**, 155, 545-555	8	25
106	IL-6 augments IL-4-induced polarization of primary human macrophages through synergy of STAT3, STAT6 and BATF transcription factors. *OncoImmunology*, **2018**, 7, e1494110	7.2	24
105	Nitric oxide maintains endothelial redox homeostasis through PKM2 inhibition. *EMBO Journal*, **2019**, 38, e100938	13	24
104	Smac Mimetic-Induced Upregulation of CCL2/MCP-1 Triggers Migration and Invasion of Glioblastoma Cells and Influences the Tumor Microenvironment in a Paracrine Manner. *Neoplasia*, **2015**, 17, 481-9	6.4	24
103	Identification of IRF1 as critical dual regulator of Smac mimetic-induced apoptosis and inflammatory cytokine response. *Cell Death and Disease*, **2014**, 5, e1562	9.8	24
102	Apoptotic Cancer Cells Suppress 5-Lipoxygenase in Tumor-Associated Macrophages. *Journal of Immunology*, **2018**, 200, 857-868	5.3	24
101	Wheat Consumption Aggravates Colitis in Mice via Amylase Trypsin Inhibitor-mediated Dysbiosis. *Gastroenterology*, **2020**, 159, 257-272.e17	13.3	22
100	Blocking mTOR Signalling with Rapamycin Ameliorates Imiquimod-induced Psoriasis in Mice. *Acta Dermato-Venereologica*, **2017**, 97, 1087-1094	2.2	22
99	IL-22 and IL-22-Binding Protein Are Associated With Development of and Mortality From Acute-on-Chronic Liver Failure. *Hepatology Communications*, **2019**, 3, 392-405	6	21
98	Cancer-induced inflammation and inflammation-induced cancer in colon: a role for S1P lyase. *Oncogene*, **2019**, 38, 4788-4803	9.2	21
97	Cellular analysis of the histamine H4 receptor in human myeloid cells. *Biochemical Pharmacology*, **2016**, 103, 74-84	6	20

96	S1PR4 Signaling Attenuates ILT 7 Internalization To Limit IFN-Production by Human Plasmacytoid Dendritic Cells. *Journal of Immunology*, **2016**, 196, 1579-90	5.3	20
95	Downregulation of BTLA on NKT Cells Promotes Tumor Immune Control in a Mouse Model of Mammary Carcinoma. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	20
94	An in vitro test system for compounds that modulate human inflammatory macrophage polarization. *European Journal of Pharmacology*, **2018**, 833, 328-338	5.3	20
93	PGE2/EP4 signaling in peripheral immune cells promotes development of experimental autoimmune encephalomyelitis. *Biochemical Pharmacology*, **2014**, 87, 625-35	6	20
92	IRES-dependent translation of egr2 is induced under inflammatory conditions. *Rna*, **2012**, 18, 1910-20	5.8	20
91	Mapping the Endothelial Cell -Sulfhydrome Highlights the Crucial Role of Integrin Sulfhydration in Vascular Function. *Circulation*, **2021**, 143, 935-948	16.7	20
90	The NADPH Oxidase Nox4 Controls Macrophage Polarization in an NFB-Dependent Manner. *Oxidative Medicine and Cellular Longevity*, **2019**, 2019, 3264858	6.7	19
89	Histone Deacetylation Inhibitors as Modulators of Regulatory T Cells. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	19
88	Killing Is Not Enough: How Apoptosis Hijacks Tumor-Associated Macrophages to Promote Cancer Progression. *Advances in Experimental Medicine and Biology*, **2016**, 930, 205-39	3.6	19
87	Endo-PDI is required for TNF-induced angiogenesis. *Free Radical Biology and Medicine*, **2013**, 65, 1398-1407	7.8	19
86	The multi-faceted roles of prostaglandin E2 in cancer-infiltrating mononuclear phagocyte biology. *Immunobiology*, **2012**, 217, 1225-32	3.4	19
85	Necrosis in DU145 prostate cancer spheroids induces COX-2/mPGES-1-derived PGE2 to promote tumor growth and to inhibit T cell activation. *International Journal of Cancer*, **2013**, 133, 1578-88	7.5	19
84	NoxO1 Controls Proliferation of Colon Epithelial Cells. *Frontiers in Immunology*, **2018**, 9, 973	8.4	18
83	The iron load of lipocalin-2 (LCN-2) defines its pro-tumour function in clear-cell renal cell carcinoma. *British Journal of Cancer*, **2020**, 122, 421-433	8.7	18
82	Sphingosine kinase 2 is a negative regulator of inflammatory macrophage activation. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2019**, 1864, 1235-1246	5	17
81	S1P regulation of macrophage functions in the context of cancer. *Anti-Cancer Agents in Medicinal Chemistry*, **2011**, 11, 818-29	2.2	17
80	VASP regulates leukocyte infiltration, polarization, and vascular repair after ischemia. *Journal of Cell Biology*, **2018**, 217, 1503-1519	7.3	16
79	L-type calcium channel inhibitor diltiazem prevents aneurysm formation by blood pressure-independent anti-inflammatory effects. *Hypertension*, **2013**, 62, 1098-104	8.5	16

78	The G2A Receptor Controls Polarization of Macrophage by Determining Their Localization Within the Inflamed Tissue. *Frontiers in Immunology*, **2018**, 9, 2261	8.4	16
77	HVEM, a cosignaling molecular switch, and its interactions with BTLA, CD160 and LIGHT. *Cellular and Molecular Immunology*, **2019**, 16, 679-682	15.4	15
76	The prostaglandin E2 receptor EP3 controls CC-chemokine ligand 2-mediated neuropathic pain induced by mechanical nerve damage. *Journal of Biological Chemistry*, **2018**, 293, 9685-9695	5.4	15
75	Inhibition of GTP cyclohydrolase reduces cancer pain in mice and enhances analgesic effects of morphine. *Journal of Molecular Medicine*, **2012**, 90, 1473-86	5.5	15
74	Apoptotic cell-derived factors induce arginase II expression in murine macrophages by activating ERK5/CREB. *Cellular and Molecular Life Sciences*, **2011**, 68, 1815-27	10.3	15
73	Neuromediators in inflammation--a macrophage/nerve connection. *Immunobiology*, **2010**, 215, 674-84	3.4	15
72	S1P Provokes Tumor Lymphangiogenesis via Macrophage-Derived Mediators Such as IL-1 or Lipocalin-2. *Mediators of Inflammation*, **2017**, 2017, 7510496	4.3	14
71	IL-1 family cytokines in cancer immunity - a matter of life and death. *Biological Chemistry*, **2016**, 397, 1125-1134	4.5	14
70	Selective targeting of tumor associated macrophages in different tumor models. *PLoS ONE*, **2018**, 13, e0193015	3.7	14
69	The RNA-binding protein HuR inhibits expression of CCL5 and limits recruitment of macrophages into tumors. *Molecular Carcinogenesis*, **2017**, 56, 2620-2629	5	14
68	S1PR4 ablation reduces tumor growth and improves chemotherapy via CD8+ T cell expansion. *Journal of Clinical Investigation*, **2020**, 130, 5461-5476	15.9	14
67	The Multi-Modal Effect of the Anti-fibrotic Drug Pirfenidone on NSCLC. *Frontiers in Oncology*, **2019**, 9, 1550	5.3	13
66	Resveratrol-induced potentiation of the antitumor effects of oxaliplatin is accompanied by an altered cytokine profile of human monocyte-derived macrophages. *Apoptosis: an International Journal on Programmed Cell Death*, **2014**, 19, 1136-47	5.4	13
65	PGE in fibrosis and cancer: Insights into fibroblast activation. *Prostaglandins and Other Lipid Mediators*, **2019**, 143, 106339	3.7	12
64	RNAi screen in apoptotic cancer cell-stimulated human macrophages reveals co-regulation of IL-6/IL-10 expression. *Immunobiology*, **2013**, 218, 40-51	3.4	12
63	Macrophage NOS2 in Tumor Leukocytes. *Antioxidants and Redox Signaling*, **2017**, 26, 1023-1043	8.4	12
62	S1PR4 is required for plasmacytoid dendritic cell differentiation. *Biological Chemistry*, **2015**, 396, 775-82	4.5	11
61	mPGES-1 and ALOX5/-15 in tumor-associated macrophages. *Cancer and Metastasis Reviews*, **2018**, 37, 317-334	9.6	11

60	Dedicated immunosensing of the mouse intestinal epithelium facilitated by a pair of genetically coupled lectin-like receptors. *Mucosal Immunology*, **2015**, 8, 232-42	9.2	10
59	GM-CSF in murine psoriasiform dermatitis: Redundant and pathogenic roles uncovered by antibody-induced neutralization and genetic deficiency. *PLoS ONE*, **2017**, 12, e0182646	3.7	9
58	Macrophage S1PR1 Signaling Alters Angiogenesis and Lymphangiogenesis During Skin Inflammation. *Cells*, **2019**, 8,	7.9	9
57	Macrophage Polarization In The Tumor Microenvironment. *Redox Biology*, **2015**, 5, 419	11.3	9
56	The Specific IKK/TBK1 Inhibitor Amlexanox Suppresses Human Melanoma by the Inhibition of Autophagy, NF-B and MAP Kinase Pathways. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	8
55	Apoptotic Diminution of Immature Single and Double Positive Thymocyte Subpopulations Contributes to Thymus Involution During Murine Polymicrobial Sepsis. *Shock*, **2017**, 48, 215-226	3.4	8
54	Inflammatory fibroblasts mediate resistance to neoadjuvant therapy in rectal cancer.. *Cancer Cell*, **2022**,	24.3	8
53	EVL regulates VEGF receptor-2 internalization and signaling in developmental angiogenesis. *EMBO Reports*, **2021**, 22, e48961	6.5	8
52	Phenotypic Plasticity of Fibroblasts during Mammary Carcinoma Development. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	7
51	Tolerizing CTL by Sustained Hepatic PD-L1 Expression Provides a New Therapy Approach in Mouse Sepsis. *Theranostics*, **2019**, 9, 2003-2016	12.1	7
50	Identification of tumor-associated macrophage subsets that are associated with breast cancer prognosis. *Clinical and Translational Medicine*, **2020**, 10, e239	5.7	7
49	Ceramide Synthase 5 Deficiency Aggravates Dextran Sodium Sulfate-Induced Colitis and Colon Carcinogenesis and Impairs T-Cell Activation. *Cancers*, **2020**, 12,	6.6	7
48	S1PR4-dependent CCL2 production promotes macrophage recruitment in a murine psoriasis model. *European Journal of Immunology*, **2020**, 50, 839-845	6.1	7
47	Myeloid-Specific Deletion of the AMPK2 Subunit Alters Monocyte Protein Expression and Atherogenesis. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	7
46	Sphingosine-1 phosphate promotes thymic atrophy during sepsis progression. *Critical Care*, **2014**, 18,	10.8	7
45	IL-36 family cytokines in protective versus destructive inflammation. *Cellular Signalling*, **2020**, 75, 109773	4.9	7
44	IL-38 Ablation Reduces Local Inflammation and Disease Severity in Experimental Autoimmune Encephalomyelitis. *Journal of Immunology*, **2021**, 206, 1058-1066	5.3	7
43	Elevated intrathymic sphingosine-1-phosphate promotes thymus involution during sepsis. *Molecular Immunology*, **2017**, 90, 255-263	4.3	6

42	Technical advance: Generation of human pDC equivalents from primary monocytes using Flt3-L and their functional validation under hypoxia. *Journal of Leukocyte Biology*, **2010**, 88, 413-24	6.5	6
41	Dysregulated Adaptive Immunity Is an Early Event in Liver Cirrhosis Preceding Acute-on-Chronic Liver Failure. *Frontiers in Immunology*, **2020**, 11, 534731	8.4	6
40	The polarity protein Scrib limits atherosclerosis development in mice. *Cardiovascular Research*, **2019** , 115, 1963-1974	9.9	5
39	The histone demethylase PHF8 facilitates alternative splicing of the histocompatibility antigen HLA-G. *FEBS Letters*, **2019**, 593, 487-498	3.8	5
38	Cyp2c44 regulates prostaglandin synthesis, lymphangiogenesis, and metastasis in a mouse model of breast cancer. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 5923-5930	11.5	5
37	Breast Cancer CAFs: Spectrum of Phenotypes and Promising Targeting Avenues. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
36	AXL Inhibition in Macrophages Stimulates Host-versus-Leukemia Immunity and Eradicates Naïve and Treatment-Resistant Leukemia. *Cancer Discovery*, **2021**, 11, 2924-2943	24.4	5
35	Macrophages attenuate the transcription of CYP1A1 in breast tumor cells and enhance their proliferation. *PLoS ONE*, **2019**, 14, e0209694	3.7	5
34	Bacterial and Fungal Toll-Like Receptor Activation Elicits Type I IFN Responses in Mast Cells. *Frontiers in Immunology*, **2020**, 11, 607048	8.4	5
33	IL27RDeficiency Alters Endothelial Cell Function and Subverts Tumor Angiogenesis in Mammary Carcinoma. *Frontiers in Oncology*, **2019**, 9, 1022	5.3	4
32	Fibroblast Growth Factor-14 Acts as Tumor Suppressor in Lung Adenocarcinomas. *Cells*, **2020**, 9,	7.9	4
31	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. *Database: the Journal of Biological Databases and Curation*, **2019**, 2019,	5	4
30	Lactate dehydrogenase B regulates macrophage metabolism in the tumor microenvironment. *Theranostics*, **2021**, 11, 7570-7588	12.1	4
29	The Lipid Receptor G2A (GPR132) Mediates Macrophage Migration in Nerve Injury-Induced Neuropathic Pain. *Cells*, **2020**, 9,	7.9	3
28	Metastasis-Associated Protein 2 Represses NF-B to Reduce Lung Tumor Growth and Inflammation. *Cancer Research*, **2020**, 80, 4199-4211	10.1	3
27	Lysosome-Dependent LXR and PPARActivation Upon Efferocytosis in Human Macrophages. *Frontiers in Immunology*, **2021**, 12, 637778	8.4	3
26	A Potential Role of the CD47/SIRPalpha Axis in COVID-19 Pathogenesis. *Current Issues in Molecular Biology*, **2021**, 43, 1212-1225	2.9	3
25	MicroRNA-200c Attenuates the Tumor-Infiltrating Capacity of Macrophages.. *Biology*, **2022**, 11,	4.9	3

24	The portal vein as a distinct immunological compartment - A comprehensive immune phenotyping study. *Human Immunology*, **2018**, 79, 716-723	2.3	2
23	Immune Checkpoint Blockade Improves Chemotherapy in the PyMT Mammary Carcinoma Mouse Model. *Frontiers in Oncology*, **2020**, 10, 1771	5.3	2
22	Alox12/15 Deficiency Exacerbates, While Lipoxin A Ameliorates Hepatic Inflammation in Murine Alcoholic Hepatitis. *Frontiers in Immunology*, **2020**, 11, 1447	8.4	2
21	Tax1BP1 limits hepatic inflammation and reduces experimental hepatocarcinogenesis. *Scientific Reports*, **2020**, 10, 16264	4.9	2
20	Inhibition of mPGES-1 attenuates efficient resolution of acute inflammation by enhancing CX3CL1 expression. *Cell Death and Disease*, **2021**, 12, 135	9.8	2
19	Enhanced CXCR4 Expression of Human CD8 T Lymphocytes Is Driven by S1P. *Frontiers in Immunology*, **2021**, 12, 668884	8.4	2
18	Interferon Regulatory Factor 9 Promotes Lung Cancer Progression via Regulation of Versican. *Cancers*, **2021**, 13,	6.6	2
17	Sphingosine Kinases are Involved in Macrophage NLRP3 Inflammasome Transcriptional Induction. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	1
16	Comparisons of Solder Joints Fatigue Life Predictions and Several Long-Term Testing Results **2019**,		1
15	On the biosynthesis of specialized pro-resolving mediators in human neutrophils and the influence of cell integrity.. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2021**, 1867, 159093	5	1
14	Iron-Bound Lipocalin-2 from Tumor-Associated Macrophages Drives Breast Cancer Progression Independent of Ferroportin. *Metabolites*, **2021**, 11,	5.6	1
13	AGMO Inhibitor Reduces 3T3-L1 Adipogenesis. *Cells*, **2021**, 10,	7.9	1
12	The Consequences of Soluble Epoxide Hydrolase Deletion on Tumorigenesis and Metastasis in a Mouse Model of Breast Cancer. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
11	Il-38 Restricts Skin Inflammation and Anti-Tumor Immunity by Limiting Il-17 Production from γδ T Cells. *SSRN Electronic Journal*, **2018**,	1	1
10	Neoadjuvant Chemoradiotherapy for Oral Cavity Cancer: Predictive Factors for Response and Interim Analysis of the Prospective INVERT-Trial.. *Frontiers in Oncology*, **2022**, 12, 817692	5.3	1
9	Loss of Endothelial Cytochrome P450 Reductase Induces Vascular Dysfunction in Mice.. *Hypertension*, **2022**, HYPERTENSIONAHA12118752	8.5	1
8	Phosphatidylserine Synthase PTDSS1 Shapes the Tumor Lipidome to Maintain Tumor-Promoting Inflammation.. *Cancer Research*, **2022**, 82, 1617-1632	10.1	1
7	3Nmrna sequencing reveals pro-regenerative properties of c5ar1 during resolution of murine acetaminophen-induced liver injury.. *Npj Regenerative Medicine*, **2022**, 7, 10	15.8	0

6	Picturing of the Lung Tumor Cellular Composition by Multispectral Flow Cytometry.. *Frontiers in Immunology*, **2022**, 13, 827719	8.4	0
5	Increased glucosylceramide production leads to decreased cell energy metabolism and lowered tumor marker expression in non-cancerous liver cells. *Cellular and Molecular Life Sciences*, **2021**, 78, 7025-7041	19.3	0
4	The hydrogen-peroxide producing NADPH oxidase 4 does not limit neointima development after vascular injury in mice. *Redox Biology*, **2021**, 45, 102050	11.3	0
3	Response to letter regarding article, "Vitamin D promotes vascular regeneration". *Circulation*, **2015**, 131, e515-6	16.7	
2	Response to Sympathoinhibitory effect of diltiazem and prevention of aneurysm formation. *Hypertension*, **2014**, 63, e13	8.5	
1	PPAR attenuates cytosol to membrane translocation of PKC to desensitize monocytes/macrophages. *Journal of Experimental Medicine*, **2007**, 204, i5-i5	16.6	