

## List of Publications by Year in descending order

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65  
papers

9,786  
citations

81743

39  
h-index

106150

65  
g-index

66  
all docs

66  
docs citations

66  
times ranked

13226  
citing authors

#	ARTICLE	IF	CITATIONS
1	A framework for advancing our understanding of cancer-associated fibroblasts. <i>Nature Reviews Cancer</i> , 2020, 20, 174-186.	12.8	2,012
2	Resolution of Lung Inflammation by CD44. <i>Science</i> , 2002, 296, 155-158.	6.0	611
3	Cancer-Associated Fibroblasts Neutralize the Anti-tumor Effect of CSF1 Receptor Blockade by Inducing PMN-MDSC Infiltration of Tumors. <i>Cancer Cell</i> , 2017, 32, 654-668.e5.	7.7	457
4	Targeting Fibroblast Activation Protein in Tumor Stroma with Chimeric Antigen Receptor T Cells Can Inhibit Tumor Growth and Augment Host Immunity without Severe Toxicity. <i>Cancer Immunology Research</i> , 2014, 2, 154-166.	1.6	448
5	CAR T cells produced in vivo to treat cardiac injury. <i>Science</i> , 2022, 375, 91-96.	6.0	441
6	Targeting cardiac fibrosis with engineered T cells. <i>Nature</i> , 2019, 573, 430-433.	13.7	404
7	A crucial role for CD44 in inflammation. <i>Trends in Molecular Medicine</i> , 2001, 7, 213-221.	3.5	375
8	Tumor-Promoting Desmoplasia Is Disrupted by Depleting FAP-Expressing Stromal Cells. <i>Cancer Research</i> , 2015, 75, 2800-2810.	0.4	375
9	Targeting fibroblast activation protein inhibits tumor stromagenesis and growth in mice. <i>Journal of Clinical Investigation</i> , 2009, 119, 3613-3625.	3.9	360
10	Multifactorial T-cell Hypofunction That Is Reversible Can Limit the Efficacy of Chimeric Antigen Receptor-Transduced Human T cells in Solid Tumors. <i>Clinical Cancer Research</i> , 2014, 20, 4262-4273.	3.2	339
11	The adhesion receptor CD44 promotes atherosclerosis by mediating inflammatory cell recruitment and vascular cell activation. <i>Journal of Clinical Investigation</i> , 2001, 108, 1031-1040.	3.9	264
12	Pro-tumorigenic roles of fibroblast activation protein in cancer: back to the basics. <i>Oncogene</i> , 2018, 37, 4343-4357.	2.6	228
13	Deficiency in Inducible Nitric Oxide Synthase Results in Reduced Atherosclerosis in Apolipoprotein E-Deficient Mice. <i>Journal of Immunology</i> , 2000, 165, 3430-3435.	0.4	201
14	Inactivation of Interferon Receptor Promotes the Establishment of Immune Privileged Tumor Microenvironment. <i>Cancer Cell</i> , 2017, 31, 194-207.	7.7	179
15	A FAK-Cas-Rac-Lamellipodin Signaling Module Transduces Extracellular Matrix Stiffness into Mechanosensitive Cell Cycling. <i>Science Signaling</i> , 2014, 7, ra57.	1.6	171
16	Cancer-associated fibroblasts and their influence on tumor immunity and immunotherapy. <i>ELife</i> , 2020, 9, .	2.8	166
17	Cardiovascular Protection by ApoE and ApoE-HDL Linked to Suppression of ECM Gene Expression and Arterial Stiffening. <i>Cell Reports</i> , 2012, 2, 1259-1271.	2.9	159
18	Augmentation of CAR T-cell Trafficking and Antitumor Efficacy by Blocking Protein Kinase A Localization. <i>Cancer Immunology Research</i> , 2016, 4, 541-551.	1.6	153

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19	Extracellular matrix directs phenotypic heterogeneity of activated fibroblasts. <i>Matrix Biology</i> , 2018, 67, 90-106.	1.5	146
20	Fibroblast activation protein: a serine protease expressed at the remodeling interface in idiopathic pulmonary fibrosis. <i>Human Pathology</i> , 2006, 37, 352-360.	1.1	145
21	Fibroblast migration is mediated by CD44-dependent TGF $\beta$ 2 activation. <i>Journal of Cell Science</i> , 2008, 121, 1393-1402.	1.2	145
22	FAP Delineates Heterogeneous and Functionally Divergent Stromal Cells in Immune-Excluded Breast Tumors. <i>Cancer Immunology Research</i> , 2018, 6, 1472-1485.	1.6	131
23	Hyaluronan – A Functional and Structural Sweet Spot in the Tissue Microenvironment. <i>Frontiers in Immunology</i> , 2015, 6, 231.	2.2	130
24	Fibroblast activation protein augments progression and metastasis of pancreatic ductal adenocarcinoma. <i>JCI Insight</i> , 2017, 2, .	2.3	102
25	Influence of hyaluronic acid modification on CD44 binding towards the design of hydrogel biomaterials. <i>Biomaterials</i> , 2019, 222, 119451.	5.7	100
26	CD44-dependent inflammation, fibrogenesis, and collagenolysis regulates extracellular matrix remodeling and tensile strength during cutaneous wound healing. <i>Matrix Biology</i> , 2019, 75-76, 314-330.	1.5	97
27	Generation of Potent T-cell Immunotherapy for Cancer Using DAP12-Based, Multichain, Chimeric Immunoreceptors. <i>Cancer Immunology Research</i> , 2015, 3, 815-826.	1.6	87
28	CD44 Mediates Successful Interstitial Navigation by Killer T Cells and Enables Efficient Antitumor Immunity. <i>Immunity</i> , 2008, 29, 971-985.	6.6	85
29	Rheostatic signaling by CD44 and hyaluronan. <i>Cellular Signalling</i> , 2009, 21, 651-655.	1.7	85
30	Can Targeting Stroma Pave the Way to Enhanced Antitumor Immunity and Immunotherapy of Solid Tumors?. <i>Cancer Immunology Research</i> , 2016, 4, 269-278.	1.6	83
31	Fibroblast Activation Protein (FAP) Accelerates Collagen Degradation and Clearance from Lungs in Mice. <i>Journal of Biological Chemistry</i> , 2016, 291, 8070-8089.	1.6	82
32	Fibroblast activation protein expression by stromal cells and tumor-associated macrophages in human breast cancer. <i>Human Pathology</i> , 2013, 44, 2549-2557.	1.1	75
33	Type III Collagen Directs Stromal Organization and Limits Metastasis in a Murine Model of Breast Cancer. <i>American Journal of Pathology</i> , 2015, 185, 1471-1486.	1.9	74
34	Cancer-associated fibroblasts: key determinants of tumor immunity and immunotherapy. <i>Current Opinion in Immunology</i> , 2020, 64, 80-87.	2.4	70
35	The CD44-HA axis and inflammation in atherosclerosis: A temporal perspective. <i>Matrix Biology</i> , 2019, 78-79, 201-218.	1.5	63
36	Disruption of SEMA4D Ameliorates Platelet Hypersensitivity in Dyslipidemia and Confers Protection Against the Development of Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1039-1045.	1.1	58

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37	Nanoparticles Functionalized with Collagenase Exhibit Improved Tumor Accumulation in a Murine Xenograft Model. <i>Particle and Particle Systems Characterization</i> , 2014, 31, 1307-1312.	1.2	53
38	A stromal Integrated Stress Response activates perivascular cancer-associated fibroblasts to drive angiogenesis and tumour progression. <i>Nature Cell Biology</i> , 2022, 24, 940-953.	4.6	52
39	Stiffness-dependent motility and Proliferation uncoupled by deletion of CD44. <i>Scientific Reports</i> , 2017, 7, 16499.	1.6	48
40	Cyclooxygenase-2 in Endothelial and Vascular Smooth Muscle Cells Restrains Atherogenesis in Hyperlipidemic Mice. <i>Circulation</i> , 2014, 129, 1761-1769.	1.6	47
41	Matrix metalloproteinase-12 is an essential mediator of acute and chronic arterial stiffening. <i>Scientific Reports</i> , 2015, 5, 17189.	1.6	41
42	Identification of prognostic collagen signatures and potential therapeutic stromal targets in canine mammary gland carcinoma. <i>PLoS ONE</i> , 2017, 12, e0180448.	1.1	36
43	CD44 Expressed on Both Bone Marrow-Derived and Non-Bone Marrow-Derived Cells Promotes Atherogenesis in ApoE-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1283-1289.	1.1	35
44	Bmal1 Deletion in Myeloid Cells Attenuates Atherosclerotic Lesion Development and Restrains Abdominal Aortic Aneurysm Formation in Hyperlipidemic Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 1523-1532.	1.1	35
45	Cardiovascular protection in females linked to estrogen-dependent inhibition of arterial stiffening and macrophage MMP12. <i>JCI Insight</i> , 2019, 4, .	2.3	35
46	Proteinase-mediated Release of Epithelial Cell-associated CD44. <i>Journal of Biological Chemistry</i> , 2002, 277, 44440-44447.	1.6	34
47	Activation of p38 stress-activated protein kinase drives the formation of the pre-metastatic niche in the lungs. <i>Nature Cancer</i> , 2020, 1, 603-619.	5.7	33
48	The Regulation and Activation of CD44 by Natural Killer (NK) Cells and Its Role in the Production of IFN- $\gamma$ . <i>Journal of Interferon and Cytokine Research</i> , 2004, 24, 301-309.	0.5	31
49	CD44 Regulates Vascular Gene Expression in a Proatherogenic Environment. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 886-892.	1.1	30
50	Deconstructing tumor heterogeneity: the stromal perspective. <i>Oncotarget</i> , 2020, 11, 3621-3632.	0.8	29
51	Cytokines regulate the affinity of soluble CD44 for hyaluronan. <i>FEBS Letters</i> , 2004, 556, 69-74.	1.3	25
52	Loss of cells expressing fibroblast activation protein has variable effects in models of TGF- $\beta$ 2 and chronic bleomycin-induced fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 317, L271-L282.	1.3	25
53	Cardiovascular Consequences of Prostanoid I Receptor Deletion in Microsomal Prostaglandin E Synthase-1-Deficient Hyperlipidemic Mice. <i>Circulation</i> , 2016, 134, 328-338.	1.6	19
54	Cancer-associated fibroblasts downregulate type I interferon receptor to stimulate intratumoral stromagenesis. <i>Oncogene</i> , 2020, 39, 6129-6137.	2.6	16

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55	Interleukin 6 Signaling Blockade Exacerbates Acute and Late Injury From Focal Intestinal Irradiation. International Journal of Radiation Oncology Biology Physics, 2019, 103, 719-727.	0.4	12
56	Mesenchymal Cell Plasticity and Perfidy in Epithelial Malignancy. Trends in Cancer, 2018, 4, 273-277.	3.8	9
57	Fibroblast activation protein restrains adipogenic differentiation and regulates matrix-mediated mTOR signaling. Matrix Biology, 2019, 83, 60-76.	1.5	9
58	Fibroblast Activation Protein Regulates Lesion Burden and the Fibroinflammatory Response in Apoe-Deficient Mice in a Sexually Dimorphic Manner. American Journal of Pathology, 2020, 190, 1118-1136.	1.9	8
59	Imaging of T-cell Responses in the Context of Cancer Immunotherapy. Cancer Immunology Research, 2021, 9, 490-502.	1.6	8
60	Deletion of Calcineurin Promotes a Protumorigenic Fibroblast Phenotype. Cancer Research, 2019, 79, 3928-3939.	0.4	5
61	Seeking Synergy of Checkpoint Blockade through TGF $\beta$ 2 Inhibition. Cancer Immunology Research, 2018, 6, 1444-1444.	1.6	4
62	Role for Hyaluronan Synthase 3 in the Response to Vascular Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 224-225.	1.1	1
63	Lymph node formation and B cell homeostasis require IKK- $\beta$ in distinct endothelial cell-derived compartments. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	1
64	Loss of p19Arf Promotes Fibroblast Survival During Leucine Deprivation. Biology Open, 2022, , .	0.6	1
65	902...Comprehensive multi-omics meta-analysis of pancreatic cancer mouse models and human PDAC data sets identifies unique cancer-associated fibroblast subsets. , 2021, 9, A946-A946.		0