Damya Laoui

List of Publications by Year in descending order

50 papers	5,981 citations	159585 30 h-index	243625 44 g-index
52 all docs	52 docs citations	52 times ranked	10030 citing authors

#	Article	IF	Citations
1	Different Tumor Microenvironments Contain Functionally Distinct Subsets of Macrophages Derived from Ly6C(high) Monocytes. Cancer Research, 2010, 70, 5728-5739.	0.9	1,018
2	Impeding Macrophage Entry into Hypoxic Tumor Areas by Sema3A/Nrp1 Signaling Blockade Inhibits Angiogenesis and Restores Antitumor Immunity. Cancer Cell, 2013, 24, 695-709.	16.8	505
3	Dual angiopoietin-2 and VEGFA inhibition elicits antitumor immunity that is enhanced by PD-1 checkpoint blockade. Science Translational Medicine, 2017, 9, .	12.4	422
4	A pan-cancer blueprint of the heterogeneous tumor microenvironment revealed by single-cell profiling. Cell Research, 2020, 30, 745-762.	12.0	391
5	Tumor Hypoxia Does Not Drive Differentiation of Tumor-Associated Macrophages but Rather Fine-Tunes the M2-like Macrophage Population. Cancer Research, 2014, 74, 24-30.	0.9	348
6	Nanobody-Based Targeting of the Macrophage Mannose Receptor for Effective In Vivo Imaging of Tumor-Associated Macrophages. Cancer Research, 2012, 72, 4165-4177.	0.9	263
7	Tumor-associated macrophages in breast cancer: distinct subsets, distinct functions. International Journal of Developmental Biology, 2011, 55, 861-867.	0.6	255
8	Molecular Profiling Reveals a Tumor-Promoting Phenotype of Monocytes and Macrophages in Human Cancer Progression. Immunity, 2014, 41, 815-829.	14.3	240
9	The tumour microenvironment harbours ontogenically distinct dendritic cell populations with opposing effects on tumour immunity. Nature Communications, 2016, 7, 13720.	12.8	217
10	Suppression of microRNA activity amplifies IFN-Î³-induced macrophage activation and promotes anti-tumour immunity. Nature Cell Biology, 2016, 18, 790-802.	10.3	214
11	M-CSF and GM-CSF Receptor Signaling Differentially Regulate Monocyte Maturation and Macrophage Polarization in the Tumor Microenvironment. Cancer Research, 2016, 76, 35-42.	0.9	184
12	Functional Relationship between Tumor-Associated Macrophages and Macrophage Colony-Stimulating Factor as Contributors to Cancer Progression. Frontiers in Immunology, 2014, 5, 489.	4.8	163
13	Mechanisms Driving Macrophage Diversity and Specialization in Distinct Tumor Microenvironments and Parallelisms with Other Tissues. Frontiers in Immunology, 2014, 5, 127.	4.8	162
14	PET Imaging of Macrophage Mannose Receptorâ€“Expressing Macrophages in Tumor Stroma Using ¹⁸F-Radiolabeled Camelid Single-Domain Antibody Fragments. Journal of Nuclear Medicine, 2015, 56, 1265-1271.	5.0	139
15	Myeloid cell heterogeneity in cancer: not a single cell alike. Cellular Immunology, 2018, 330, 188-201.	3.0	127
16	Therapeutic depletion of CCR8⁺tumor-infiltrating regulatory T cells elicits antitumor immunity and synergizes with anti-PD-1 therapy. , 2021, 9, e001749.		91
17	Tissue-resident versus monocyte-derived macrophages in the tumor microenvironment. Biochimica Et Biophysica Acta: Reviews on Cancer, 2016, 1865, 23-34.	7.4	90
18	Mononuclear phagocyte heterogeneity in cancer: Different subsets and activation states reaching out at the tumor site. Immunobiology, 2011, 216, 1192-1202.	1.9	88

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19	CCR2-dependent monocyte-derived macrophages resolve inflammation and restore gut motility in postoperative ileus. Gut, 2017, 66, 2098-2109.	12.1	78
20	Tumorâ€induced myeloidâ€derived suppressor cell subsets exert either inhibitory or stimulatory effects on distinct <scp>CD</scp>8⁺<scp>T</scp>â€cell activation events. European Journal of Immunology, 2013, 43, 2930-2942.	2.9	73
21	Lithocholic Acid, a Metabolite of the Microbiome, Increases Oxidative Stress in Breast Cancer. Cancers, 2019, 11, 1255.	3.7	70
22	Clinical Translation of [68Ga]Ga-NOTA-anti-MMR-sdAb for PET/CT Imaging of Protumorigenic Macrophages. Molecular Imaging and Biology, 2019, 21, 898-906.	2.6	69
23	Macrophages are metabolically heterogeneous within the tumor microenvironment. Cell Reports, 2021, 37, 110171.	6.4	69
24	Systemic Reprogramming of Monocytes in Cancer. Frontiers in Oncology, 2020, 10, 1399.	2.8	68
25	Tumor microenvironment modulation enhances immunologic benefit of chemoradiotherapy. , 2019, 7, 10.		66
26	Immune microenvironment modulation unmasks therapeutic benefit of radiotherapy and checkpoint inhibition. , 2019, 7, 216.		56
27	Novel insights in the regulation and function of macrophages in the tumor microenvironment. Current Opinion in Oncology, 2017, 29, 55-61.	2.4	53
28	IL1Î² Promotes Immune Suppression in the Tumor Microenvironment Independent of the Inflammasome and Gasdermin D. Cancer Immunology Research, 2021, 9, 309-323.	3.4	48
29	Ly6C- Monocytes Regulate Parasite-Induced Liver Inflammation by Inducing the Differentiation of Pathogenic Ly6C+ Monocytes into Macrophages. PLoS Pathogens, 2015, 11, e1004873.	4.7	45
30	Novel applications of nanobodies for in vivo bio-imaging of inflamed tissues in inflammatory diseases and cancer. Immunobiology, 2012, 217, 1266-1272.	1.9	38
31	Diamonds in the Rough: Harnessing Tumor-Associated Myeloid Cells for Cancer Therapy. Frontiers in Immunology, 2018, 9, 2250.	4.8	35
32	High Salt Inhibits Tumor Growth by Enhancing Anti-tumor Immunity. Frontiers in Immunology, 2019, 10, 1141.	4.8	34
33	Exploiting tumor-associated dendritic cell heterogeneity for novel cancer therapies. Journal of Leukocyte Biology, 2017, 102, 317-324.	3.3	32
34	Hypoxia and tumor-associated macrophages. OncoImmunology, 2014, 3, e27561.	4.6	30
35	E-cadherin expression in macrophages dampens their inflammatory responsiveness in vitro, but does not modulate M2-regulated pathologies in vivo. Scientific Reports, 2015, 5, 12599.	3.3	29
36	Beyond the Mâ€<scp>CSF</scp> receptor â€“ novel therapeutic targets in tumorâ€associated macrophages. FEBS Journal, 2018, 285, 777-787.	4.7	26

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37	Macrophage miR-210 induction and metabolic reprogramming in response to pathogen interaction boost life-threatening inflammation. Science Advances, 2021, 7, .	10.3	26
38	Dendritic Cell-Based Immunotherapy in Multiple Myeloma: Challenges, Opportunities, and Future Directions. International Journal of Molecular Sciences, 2022, 23, 904.	4.1	25
39	Targeting Neuropilin-1 with Nanobodies Reduces Colorectal Carcinoma Development. Cancers, 2020, 12, 3582.	3.7	23
40	The Colony Stimulating Factor-1 Receptor (CSF-1R)-Mediated Regulation of Microglia/Macrophages as a Target for Neurological Disorders (Glioma, Stroke). Frontiers in Immunology, 2021, 12, 787307.	4.8	21
41	Unleashing Tumour-Dendritic Cells to Fight Cancer by Tackling Their Three Aâ€™s: Abundance, Activation and Antigen-Delivery. Cancers, 2019, 11, 670.	3.7	15
42	Presence and regulation of insulin-regulated aminopeptidase in mouse macrophages. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2014, 15, 466-479.	1.7	11
43	Unsuspected allies: Chemotherapy teams up with immunity to fight cancer. European Journal of Immunology, 2013, 43, 2538-2542.	2.9	7
44	Monocytic myeloid-derived suppressor cells home to tumor-draining lymph nodes via CCR2 and locally modulate the immune response. Cellular Immunology, 2021, 362, 104296.	3.0	7
45	Transcutaneous Vagal Nerve Stimulation Alone or in Combination With Radiotherapy Stimulates Lung Tumor Infiltrating Lymphocytes But Fails to Suppress Tumor Growth. Frontiers in Immunology, 2021, 12, 772555.	4.8	4
46	Targeting Cell-Intrinsic and Cell-Extrinsic Mechanisms of Intravasation in Invasive Breast Cancer. Science Signaling, 2014, 7, pe28.	3.6	2
47	Heterogeneity and function of macrophages in the breast during homeostasis and cancer. International Review of Cell and Molecular Biology, 2022, 367, 149-182.	3.2	2
48	IFNÎ³ signaling response in peripheral blood monocytes: A new prognostic biomarker for breast cancer?. EBioMedicine, 2020, 53, 102690.	6.1	0
49	Abstract 1732: Investigation of the best therapeutic approach to target CCR8 expressed on tumor regulatory T cells to boost anti-tumor immune responses. , 2021, , .		0
50	Adoptive Transfer of Monocytes Sorted from Bone Marrow. Bio-protocol, 2019, 9, e3134.	0.4	0