

Emmanuel Donnadieu

List of Publications by Year in descending order

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62
papers

4,068
citations

147801

31
h-index

138484

58
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all docs

71
docs citations

71
times ranked

6142
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted Alpha Particle Therapy Remodels the Tumor Microenvironment and Improves Efficacy of Immunotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 790-801.	0.8	8
2	Tissue-resident FOLR2+ macrophages associate with CD8+ T cell infiltration in human breast cancer. <i>Cell</i> , 2022, 185, 1189-1207.e25.	28.9	166
3	Time to evolve: predicting engineered T cell-associated toxicity with next-generation models. , 2022, 10, e003486.		21
4	Time 2EVOLVE: predicting efficacy of engineered T-cells “ how far is the bench from the bedside?. , 2022, 10, e003487.		13
5	Immune Checkpoint Proteins, Metabolism and Adhesion Molecules: Overlooked Determinants of CAR T-Cell Migration?. <i>Cells</i> , 2022, 11, 1854.	4.1	7
6	Nurselike cells sequester B cells in disorganized lymph nodes in chronic lymphocytic leukemia via alternative production of CCL21. <i>Blood Advances</i> , 2022, 6, 4691-4704.	5.2	5
7	CXCR6 deficiency impairs cancer vaccine efficacy and CD8 ⁺ resident memory T-cell recruitment in head and neck and lung tumors. , 2021, 9, e001948.		41
8	T cells armed with C-X-C chemokine receptor type 6 enhance adoptive cell therapy for pancreatic tumours. <i>Nature Biomedical Engineering</i> , 2021, 5, 1246-1260.	22.5	80
9	Tumor stiffening reversion through collagen crosslinking inhibition improves T cell migration and anti-PD-1 treatment. <i>ELife</i> , 2021, 10, .	6.0	127
10	Fructose-1,6-bisphosphate promotes PI3K and glycolysis in T cells?. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 540-543.	7.1	9
11	Two step promotion of a hot tumor immune environment by gold decorated iron oxide nanoflowers and light-triggered mild hyperthermia. <i>Nanoscale</i> , 2021, 13, 18483-18497.	5.6	11
12	Landscape of 4D Cell Interaction in Hodgkin and Non-Hodgkin Lymphomas. <i>Cancers</i> , 2021, 13, 5208.	3.7	8
13	CAR T-cell Entry into Tumor Islets Is a Two-Step Process Dependent on IFN γ and ICAM-1. <i>Cancer Immunology Research</i> , 2021, 9, 1425-1438.	3.4	31
14	Landscape of T Follicular Helper Cell Dynamics in Human Germinal Centers. <i>Journal of Immunology</i> , 2020, 205, 1248-1255.	0.8	10
15	Surmounting the obstacles that impede effective CAR T cell trafficking to solid tumors. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1067-1079.	3.3	50
16	Extracellular Release of Antigen by Dendritic Cell Regurgitation Promotes B Cell Activation through NF- κ B/cRel. <i>Journal of Immunology</i> , 2020, 205, 608-618.	0.8	1
17	Photothermal Depletion of Cancer-Associated Fibroblasts Normalizes Tumor Stiffness in Desmoplastic Cholangiocarcinoma. <i>ACS Nano</i> , 2020, 14, 5738-5753.	14.6	54
18	The Remarkable Plasticity of Macrophages: A Chance to Fight Cancer. <i>Frontiers in Immunology</i> , 2019, 10, 1563.	4.8	77

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19	Blockade of β^2 -Adrenergic Receptors Improves CD8+ T-cell Priming and Cancer Vaccine Efficacy. <i>Cancer Immunology Research</i> , 2019, 7, 1849-1863.	3.4	52
20	TGF β^2 blocks IFN γ release and tumor rejection in spontaneous mammary tumors. <i>Nature Communications</i> , 2019, 10, 4131.	12.8	41
21	Migration Properties Distinguish Tumor Cells of Classical Hodgkin Lymphoma from Anaplastic Large Cell Lymphoma Cells. <i>Cancers</i> , 2019, 11, 1484.	3.7	7
22	Improving efficacy of cancer immunotherapy through targeting of macrophages. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 189-192.	3.3	10
23	Obstacles to T cell migration in the tumor microenvironment. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2019, 63, 22-30.	1.6	30
24	Live Imaging of Resident T-Cell Migration in Human Lymphoid Tissue Slices Using Confocal Microscopy. <i>Methods in Molecular Biology</i> , 2019, 1930, 75-82.	0.9	7
25	Macrophages impede CD8 T cells from reaching tumor cells and limit the efficacy of anti-PD-1 treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4041-E4050.	7.1	564
26	IL4-induced gene 1 is secreted at the immune synapse and modulates TCR activation independently of its enzymatic activity. <i>European Journal of Immunology</i> , 2018, 48, 106-119.	2.9	27
27	Is adaptive therapy natural?. <i>PLoS Biology</i> , 2018, 16, e2007066.	5.6	23
28	Identification of a new subset of lymph node stromal cells involved in regulating plasma cell homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6826-E6835.	7.1	91
29	Essential role of immobilized chemokine CXCL12 in the regulation of the humoral immune response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2319-2324.	7.1	33
30	Ex Vivo Imaging of Resident CD8 T Lymphocytes in Human Lung Tumor Slices Using Confocal Microscopy. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	14
31	The humanized anti-human AMHRII mAb 3C23K exerts an anti-tumor activity against human ovarian cancer through tumor-associated macrophages. <i>Oncotarget</i> , 2017, 8, 99950-99965.	1.8	14
32	TCR-engineered T cells to treat tumors: Seeing but not touching?. <i>Seminars in Immunology</i> , 2016, 28, 10-21.	5.6	62
33	TGF β^2 Signaling Intersects with CD103 Integrin Signaling to Promote T-Lymphocyte Accumulation and Antitumor Activity in the Lung Tumor Microenvironment. <i>Cancer Research</i> , 2016, 76, 1757-1769.	0.9	87
34	Regulation and Maintenance of an Adoptive T-Cell Dependent Memory B Cell Pool. <i>PLoS ONE</i> , 2016, 11, e0167003.	2.5	2
35	Real-Time Imaging of Resident T Cells in Human Lung and Ovarian Carcinomas Reveals How Different Tumor Microenvironments Control T Lymphocyte Migration. <i>Frontiers in Immunology</i> , 2015, 6, 500.	4.8	118
36	Influence of stromal elements on resident T cell migration in human and murine tumors analyzed by real-time imaging. , 2015, 3, .		0

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37	Tumor stroma and chemokines control T-cell migration into melanoma following Temozolomide treatment. <i>Oncolmmunology</i> , 2015, 4, e978709.	4.6	33
38	Bringing Statistics Up to Speed with Data in Analysis of Lymphocyte Motility. <i>PLoS ONE</i> , 2015, 10, e0126333.	2.5	14
39	Abstract A01: Ex vivo evaluation of an anti-MÃ¼llerian hormone type II receptor humanized antibody with optimized Fc effector function in ovarian cancer. , 2015, , .		0
40	ITPR1 Protects Renal Cancer Cells against Natural Killer Cells by Inducing Autophagy. <i>Cancer Research</i> , 2014, 74, 6820-6832.	0.9	97
41	Abstract SY32-04: Defects in T cell migration within tumors: a role for extracellular matrix architecture. , 2014, , .		0
42	Positive and negative influence of the matrix architecture on antitumor immune surveillance. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 4431-4448.	5.4	83
43	Within tumors, interactions between T cells and tumor cells are impeded by the extracellular matrix. <i>Oncolmmunology</i> , 2012, 1, 992-994.	4.6	51
44	Matrix architecture defines the preferential localization and migration of T cells into the stroma of human lung tumors. <i>Journal of Clinical Investigation</i> , 2012, 122, 899-910.	8.2	763
45	Ex vivo Imaging of T Cells in Murine Lymph Node Slices with Widefield and Confocal Microscopes. <i>Journal of Visualized Experiments</i> , 2011, , e3054.	0.3	16
46	Dendritic cells from spondylarthritisâ€‘prone HLAâ€‘B27â€‘transgenic rats display altered cytoskeletal dynamics, class II major histocompatibility complex expression, and viability. <i>Arthritis and Rheumatism</i> , 2009, 60, 2622-2632.	6.7	41
47	CCL21 mediates CD4+ T-cell costimulation via a DOCK2/Rac-dependent pathway. <i>Blood</i> , 2009, 114, 580-588.	1.4	74
48	Tunable Chemokine Production by Antigen Presenting Dendritic Cells in Response to Changes in Regulatory T Cell Frequency in Mouse Reactive Lymph Nodes. <i>PLoS ONE</i> , 2009, 4, e7696.	2.5	22
49	The immune synapse and T cell activation: regulation by chemokines. , 2008, , 1-13.		0
50	CCR7 ligands control basal T cell motility within lymph node slices in a phosphoinositide 3â€‘kinaseâ€‘independent manner. <i>Journal of Experimental Medicine</i> , 2007, 204, 1167-1179.	8.5	162
51	Cutting Edge: Atypical PKCs Regulate T Lymphocyte Polarity and Scanning Behavior. <i>Journal of Immunology</i> , 2007, 179, 5649-5652.	0.8	59
52	Alteration of antigen-independent immunologic synapse formation between dendritic cells from HLAâ€‘B27â€‘transgenic rats and CD4+ T cells: Selective impairment of costimulatory molecule engagement by mature HLAâ€‘B27. <i>Arthritis and Rheumatism</i> , 2007, 56, 1478-1489.	6.7	58
53	Neisseria meningitidis infection of human endothelial cells interferes with leukocyte transmigration by preventing the formation of endothelial docking structures. <i>Journal of Cell Biology</i> , 2006, 173, 627-637.	5.2	71
54	Cerebral microcirculation shear stress levels determine Neisseria meningitidis attachment sites along the bloodâ€‘brain barrier. <i>Journal of Experimental Medicine</i> , 2006, 203, 1939-1950.	8.5	165

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55	Potential of Antigen-Stimulated $\hat{V}^39\hat{V}^2$ T Cell Cytokine Production by Immature Dendritic Cells (DC) and Reciprocal Effect on DC Maturation. <i>Journal of Immunology</i> , 2006, 176, 1386-1393.	0.8	127
56	CC Chemokine Ligand 19 Secreted by Mature Dendritic Cells Increases Naive T Cell Scanning Behavior and Their Response to Rare Cognate Antigen. <i>Journal of Immunology</i> , 2005, 175, 2349-2356.	0.8	87
57	Immature Dendritic Cells (DCs) Use Chemokines and Intercellular Adhesion Molecule (ICAM)-1, But Not DC-Specific ICAM-3-Grabbing Nonintegrin, to Stimulate CD4+ T Cells in the Absence of Exogenous Antigen. <i>Journal of Immunology</i> , 2004, 173, 50-60.	0.8	49
58	CD5-Negative Regulation of B Cell Receptor Signaling Pathways Originates from Tyrosine Residue Y429 Outside an Immunoreceptor Tyrosine-Based Inhibitory Motif. <i>Journal of Immunology</i> , 2002, 168, 232-239.	0.8	43
59	Imaging T-cell antigen recognition and comparing immunological and neuronal synapses. <i>Immunology</i> , 2001, 103, 417-425.	4.4	37
60	Differential Roles of Lck and Itk in T Cell Response to Antigen Recognition Revealed by Calcium Imaging and Electron Microscopy. <i>Journal of Immunology</i> , 2001, 166, 5540-5549.	0.8	39
61	Ca ²⁺ signaling in endothelial cells stimulated by bradykinin: Ca ²⁺ measurement in the mitochondria and the cytosol by confocal microscopy. <i>Cell Calcium</i> , 1996, 20, 53-61.	2.4	27
62	Is there a Na ⁺ /Ca ²⁺ exchanger in macrophages and in lymphocytes?. <i>Pflugers Archiv European Journal of Physiology</i> , 1993, 424, 448-455.	2.8	30