

# Greg M Delgoffe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3811908/publications.pdf>

Version: 2024-02-01

72  
papers

10,928  
citations

76326

40  
h-index

114465

63  
g-index

80  
all docs

80  
docs citations

80  
times ranked

13639  
citing authors

#	ARTICLE	IF	CITATIONS
1	The mTOR Kinase Differentially Regulates Effector and Regulatory T Cell Lineage Commitment. <i>Immunity</i> , 2009, 30, 832-844.	14.3	1,079
2	The kinase mTOR regulates the differentiation of helper T cells through the selective activation of signaling by mTORC1 and mTORC2. <i>Nature Immunology</i> , 2011, 12, 295-303.	14.5	970
3	Bioenergetic Insufficiencies Due to Metabolic Alterations Regulated by the Inhibitory Receptor PD-1 Are an Early Driver of CD8 + T Cell Exhaustion. <i>Immunity</i> , 2016, 45, 358-373.	14.3	560
4	The Tumor Microenvironment Represses T Cell Mitochondrial Biogenesis to Drive Intratumoral T Cell Metabolic Insufficiency and Dysfunction. <i>Immunity</i> , 2016, 45, 374-388.	14.3	504
5	Metabolic support of tumour-infiltrating regulatory T cells by lactic acid. <i>Nature</i> , 2021, 591, 645-651.	27.8	492
6	Stability and function of regulatory T cells is maintained by a neuropilin-1-semaphorin-4a axis. <i>Nature</i> , 2013, 501, 252-256.	27.8	489
7	Interferon- $\beta$ Drives Treg Fragility to Promote Anti-tumor Immunity. <i>Cell</i> , 2017, 169, 1130-1141.e11.	28.9	431
8	The Mammalian Target of Rapamycin: Linking T Cell Differentiation, Function, and Metabolism. <i>Immunity</i> , 2010, 33, 301-311.	14.3	429
9	Efficacy of PD-1 Blockade Is Potentiated by Metformin-Induced Reduction of Tumor Hypoxia. <i>Cancer Immunology Research</i> , 2017, 5, 9-16.	3.4	381
10	The composition and signaling of the IL-35 receptor are unconventional. <i>Nature Immunology</i> , 2012, 13, 290-299.	14.5	371
11	Mitochondrial stress induced by continuous stimulation under hypoxia rapidly drives T cell exhaustion. <i>Nature Immunology</i> , 2021, 22, 205-215.	14.5	358
12	mTORC1 and mTORC2 selectively regulate CD8+ T cell differentiation. <i>Journal of Clinical Investigation</i> , 2015, 125, 2090-2108.	8.2	329
13	Early TCR Signaling Induces Rapid Aerobic Glycolysis Enabling Distinct Acute T Cell Effector Functions. <i>Cell Reports</i> , 2018, 22, 1509-1521.	6.4	322
14	Metabolic barriers to cancer immunotherapy. <i>Nature Reviews Immunology</i> , 2021, 21, 785-797.	22.7	245
15	Anergic T Cells Are Metabolically Anergic. <i>Journal of Immunology</i> , 2009, 183, 6095-6101.	0.8	243
16	Interleukin-35 Limits Anti-Tumor Immunity. <i>Immunity</i> , 2016, 44, 316-329.	14.3	230
17	Asymmetric inheritance of mTORC1 kinase activity during division dictates CD8+ T cell differentiation. <i>Nature Immunology</i> , 2016, 17, 704-711.	14.5	199
18	4-1BB costimulation induces T cell mitochondrial function and biogenesis enabling cancer immunotherapeutic responses. <i>Journal of Experimental Medicine</i> , 2018, 215, 1091-1100.	8.5	197

#	ARTICLE	IF	CITATIONS
19	CTLA-4 blockade drives loss of Treg stability in glycolysis-low tumours. <i>Nature</i> , 2021, 591, 652-658.	27.8	187
20	Treg Cells Promote the SREBP1-Dependent Metabolic Fitness of Tumor-Promoting Macrophages via Repression of CD8+ T Cell-Derived Interferon- $\gamma$ . <i>Immunity</i> , 2019, 51, 381-397.e6.	14.3	186
21	Germinal center B cells selectively oxidize fatty acids for energy while conducting minimal glycolysis. <i>Nature Immunology</i> , 2020, 21, 331-342.	14.5	172
22	The Receptor SIGIRR Suppresses Th17 Cell Proliferation via Inhibition of the Interleukin-1 Receptor Pathway and mTOR Kinase Activation. <i>Immunity</i> , 2010, 32, 54-66.	14.3	171
23	IL-23 and IL-1 $\beta$ Drive Human Th17 Cell Differentiation and Metabolic Reprogramming in Absence of CD28 Costimulation. <i>Cell Reports</i> , 2018, 22, 2642-2653.	6.4	157
24	Tumor cell oxidative metabolism as a barrier to PD-1 blockade immunotherapy in melanoma. <i>JCI Insight</i> , 2019, 4, .	5.0	148
25	ATR kinase inhibitor AZD6738 potentiates CD8+ T cell-dependent antitumor activity following radiation. <i>Journal of Clinical Investigation</i> , 2018, 128, 3926-3940.	8.2	136
26	Suppressive IL-17A+Foxp3+ and ex-Th17 IL-17A <sup>neg</sup> Foxp3+ Treg cells are a source of tumour-associated Treg cells. <i>Nature Communications</i> , 2017, 8, 14649.	12.8	128
27	mTOR: taking cues from the immune microenvironment. <i>Immunology</i> , 2009, 127, 459-465.	4.4	100
28	Kidney-infiltrating T cells in murine lupus nephritis are metabolically and functionally exhausted. <i>Journal of Clinical Investigation</i> , 2018, 128, 4884-4897.	8.2	95
29	Oncolytic Viruses Engineered to Enforce Leptin Expression Reprogram Tumor-Infiltrating T Cell Metabolism and Promote Tumor Clearance. <i>Immunity</i> , 2019, 51, 548-560.e4.	14.3	88
30	Tumor Microenvironment Metabolism: A New Checkpoint for Anti-Tumor Immunity. <i>Vaccines</i> , 2016, 4, 46.	4.4	87
31	STAT heterodimers in immunity. <i>Jak-stat</i> , 2013, 2, e23060.	2.2	78
32	Feeding an army: The metabolism of T cells in activation, anergy, and exhaustion. <i>Molecular Immunology</i> , 2015, 68, 492-496.	2.2	65
33	Characteristics of the Tumor Microenvironment That Influence Immune Cell Functions: Hypoxia, Oxidative Stress, Metabolic Alterations. <i>Cancers</i> , 2020, 12, 3802.	3.7	65
34	IL-17 metabolically reprograms activated fibroblastic reticular cells for proliferation and survival. <i>Nature Immunology</i> , 2019, 20, 534-545.	14.5	63
35	Tumor hypoxia is associated with resistance to PD-1 blockade in squamous cell carcinoma of the head and neck. , 2021, 9, e002088.		59
36	IRF1 Inhibits Antitumor Immunity through the Upregulation of PD-L1 in the Tumor Cell. <i>Cancer Immunology Research</i> , 2019, 7, 1258-1266.	3.4	56

#	ARTICLE	IF	CITATIONS
37	Lymphocyte Activation Gene-3 Maintains Mitochondrial and Metabolic Quiescence in Naive CD4+ T Cells. <i>Cell Reports</i> , 2019, 27, 129-141.e4.	6.4	55
38	Interpreting mixed signals: the cell's cytokine conundrum. <i>Current Opinion in Immunology</i> , 2011, 23, 632-638.	5.5	51
39	Antitumor T-cell Reconditioning: Improving Metabolic Fitness for Optimal Cancer Immunotherapy. <i>Clinical Cancer Research</i> , 2018, 24, 2473-2481.	7.0	49
40	Metabolic Consequences of T-cell Costimulation in Anticancer Immunity. <i>Cancer Immunology Research</i> , 2019, 7, 1564-1569.	3.4	48
41	NFATC4 promotes quiescence and chemotherapy resistance in ovarian cancer. <i>JCI Insight</i> , 2020, 5, .	5.0	43
42	Expression of Tim-3 drives phenotypic and functional changes in Treg cells in secondary lymphoid organs and the tumor microenvironment. <i>Cell Reports</i> , 2021, 36, 109699.	6.4	37
43	The role of exhaustion in CAR T cell therapy. <i>Cancer Cell</i> , 2021, 39, 885-888.	16.8	35
44	Cutting Edge: Murine Mast Cells Rapidly Modulate Metabolic Pathways Essential for Distinct Effector Functions. <i>Journal of Immunology</i> , 2017, 198, 640-644.	0.8	34
45	Checkpoint molecules coordinately restrain hyperactivated effector T cells in the tumor microenvironment. <i>Oncotmunology</i> , 2020, 9, 1708064.	4.6	33
46	Tumor-Derived $\beta$ -Fetoprotein Suppresses Fatty Acid Metabolism and Oxidative Phosphorylation in Dendritic Cells. <i>Cancer Immunology Research</i> , 2019, 7, 1001-1012.	3.4	31
47	Enhanced interaction between Hsp90 and raptor regulates mTOR signaling upon T cell activation. <i>Molecular Immunology</i> , 2009, 46, 2694-2698.	2.2	30
48	Hypoxia Reduction Sensitizes Refractory Cancers to Immunotherapy. <i>Annual Review of Medicine</i> , 2022, 73, 251-265.	12.2	30
49	Metabolic regulation of T cells in the tumor microenvironment by nutrient availability and diet. <i>Seminars in Immunology</i> , 2021, 52, 101485.	5.6	24
50	Cutting Edge: Regulatory T Cells Do Not Mediate Suppression via Programmed Cell Death Pathways. <i>Journal of Immunology</i> , 2011, 187, 4416-4420.	0.8	23
51	Filling the Tank: Keeping Antitumor T Cells Metabolically Fit for the Long Haul. <i>Cancer Immunology Research</i> , 2016, 4, 1001-1006.	3.4	22
52	The Lysophosphatidylcholine Transporter MFSD2A Is Essential for CD8+ Memory T Cell Maintenance and Secondary Response to Infection. <i>Journal of Immunology</i> , 2019, 203, 117-126.	0.8	22
53	Restoring glucose uptake rescues neutrophil dysfunction and protects against systemic fungal infection in mouse models of kidney disease. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	22
54	Fighting in a wasteland: deleterious metabolites and antitumor immunity. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	21

#	ARTICLE	IF	CITATIONS
55	Fungal sensing enhances neutrophil metabolic fitness by regulating antifungal Glut1 activity. <i>Cell Host and Microbe</i> , 2022, 30, 530-544.e6.	11.0	21
56	Sugar, fat, and protein: new insights into what T cells crave. <i>Current Opinion in Immunology</i> , 2015, 33, 49-54.	5.5	19
57	mTORC2 Deficiency Alters the Metabolic Profile of Conventional Dendritic Cells. <i>Frontiers in Immunology</i> , 2019, 10, 1451.	4.8	13
58	Identity Crisis: It's Not Just Foxp3 Anymore. <i>Immunity</i> , 2012, 37, 759-761.	14.3	7
59	Exploring Functional In Vivo Consequences of the Selective Genetic Ablation of mTOR Signaling in T Helper Lymphocytes. <i>Methods in Molecular Biology</i> , 2012, 821, 317-327.	0.9	7
60	PP2A's restraint of mTOR is critical for Treg cell activity. <i>Nature Immunology</i> , 2016, 17, 478-479.	14.5	6
61	A Fox of a different color: FoxA1 programs a new regulatory T cell subset. <i>Nature Medicine</i> , 2014, 20, 236-237.	30.7	4
62	VHL Brings Warburg into the Memory Spotlight. <i>Immunity</i> , 2016, 45, 953-955.	14.3	3
63	Editorial: Diverse responses to SARS-CoV-2 in the human population. <i>Immunology</i> , 2022, 166, 1-1.	4.4	1
64	Response to Comment on "Cutting Edge: Regulatory T Cells Do Not Mediate Suppression via Programmed Cell Death Pathways". <i>Journal of Immunology</i> , 2012, 188, 5204-5205.	0.8	0
65	Reversing T Cell Dysfunction for Tumor Immunotherapy. , 2016, , 109-128.		0
66	Analyzing Melanoma Cell Oxygen Consumption and Extracellular Acidification Rates Using Seahorse Technology. <i>Methods in Molecular Biology</i> , 2021, 2265, 81-89.	0.9	0
67	Interleukin-35: A Novel Mediator of Peripheral Tolerance. , 2014, , 377-387.		0
68	Metabolic "De-Programming" of Neutrophils Protects Against Fatal Bloodstream Fungal Infections in Kidney Disease. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
69	COVID-19 vaccination and treatment in vulnerable populations. <i>Immunology</i> , 2022, 165, 141-142.	4.4	0
70	Editorial: Perspectives on the landscape of immunology from Nikhil Joshi. <i>Immunology</i> , 2022, 165, 369-370.	4.4	0
71	Niche topics and location, location, location, with Amanda Lund. <i>Immunology</i> , 2022, 166, 153-154.	4.4	0
72	Editorial: Streamlining the process of submissions to <i>Immunology</i> . <i>Immunology</i> , 2022, 166, 267-267.	4.4	0