

# Cynthia J Guidos

## List of Publications by Year in descending order

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62  
papers

3,961  
citations

136950

32  
h-index

123424

61  
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62  
all docs

62  
docs citations

62  
times ranked

6309  
citing authors

#	ARTICLE	IF	CITATIONS
1	Notch2-dependent classical dendritic cells orchestrate intestinal immunity to attaching-and-effacing bacterial pathogens. <i>Nature Immunology</i> , 2013, 14, 937-948.	14.5	368
2	Defective T-cell receptor signalling and positive selection of Vav-deficient CD4+CDS+thymocytes. <i>Nature</i> , 1995, 374, 474-476.	27.8	299
3	Inactivation of Fac in mice produces inducible chromosomal instability and reduced fertility reminiscent of Fanconi anaemia. <i>Nature Genetics</i> , 1996, 12, 448-451.	21.4	241
4	Fyn Can Partially Substitute for Lck in T Lymphocyte Development. <i>Immunity</i> , 1996, 5, 417-428.	14.3	205
5	Subversion of the T/B Lineage Decision in the Thymus by Lunatic Fringe-Mediated Inhibition of Notch-1. <i>Immunity</i> , 2001, 15, 225-236.	14.3	189
6	Requirement for Notch1 signals at sequential early stages of intrathymic T cell development. <i>Nature Immunology</i> , 2005, 6, 671-679.	14.5	175
7	Functions of Notch Signaling in the Immune System: Consensus and Controversies. <i>Annual Review of Immunology</i> , 2010, 28, 343-365.	21.8	160
8	Zebrafish screen identifies novel compound with selective toxicity against leukemia. <i>Blood</i> , 2012, 119, 5621-5631.	1.4	138
9	Notch signal strength controls cell fate in the haemogenic endothelium. <i>Nature Communications</i> , 2015, 6, 8510.	12.8	135
10	Lunatic and Manic Fringe Cooperatively Enhance Marginal Zone B Cell Precursor Competition for Delta-like 1 in Splenic Endothelial Niches. <i>Immunity</i> , 2009, 30, 254-263.	14.3	118
11	Validation of CyTOF Against Flow Cytometry for Immunological Studies and Monitoring of Human Cancer Clinical Trials. <i>Frontiers in Oncology</i> , 2019, 9, 415.	2.8	114
12	Lunatic Fringe Deficiency Cooperates with the Met/Caveolin Gene Amplicon to Induce Basal-like Breast Cancer. <i>Cancer Cell</i> , 2012, 21, 626-641.	16.8	113
13	CD8+ T Cell Priming in Established Chronic Viral Infection Preferentially Directs Differentiation of Memory-like Cells for Sustained Immunity. <i>Immunity</i> , 2018, 49, 678-694.e5.	14.3	100
14	Regulation of T lymphopoiesis by Notch1 and Lunatic fringe-mediated competition for intrathymic niches. <i>Nature Immunology</i> , 2006, 7, 634-643.	14.5	96
15	IL-7 coordinates proliferation, differentiation and Tcra recombination during thymocyte $\hat{1}^2$ -selection. <i>Nature Immunology</i> , 2015, 16, 397-405.	14.5	93
16	Jagged2 acts as a Delta-like Notch ligand during early hematopoietic cell fate decisions. <i>Blood</i> , 2011, 117, 4449-4459.	1.4	89
17	Proteomic Analyses Reveal High Expression of Decorin and Endoplasmin (HSP90B1) Are Associated with Breast Cancer Metastasis and Decreased Survival. <i>PLoS ONE</i> , 2012, 7, e30992.	2.5	80
18	Regulatory T Cells in Ovarian Cancer Are Characterized by a Highly Activated Phenotype Distinct from that in Melanoma. <i>Clinical Cancer Research</i> , 2018, 24, 5685-5696.	7.0	76

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19	The RAG-1/2 endonuclease causes genomic instability and controls CNS complications of lymphoblastic leukemia in p53/Prkdc-deficient mice. <i>Cancer Cell</i> , 2003, 3, 37-50.	16.8	73
20	Relapse-Fated Latent Diagnosis Subclones in Acute B Lineage Leukemia Are Drug Tolerant and Possess Distinct Metabolic Programs. <i>Cancer Discovery</i> , 2020, 10, 568-587.	9.4	72
21	Chemo-genomic interrogation of CEBPA mutated AML reveals recurrent CSF3R mutations and subgroup sensitivity to JAK inhibitors. <i>Blood</i> , 2016, 127, 3054-3061.	1.4	70
22	Regulation of Notch signaling during T and B cell development by $\alpha$ -mannose glycans. <i>Immunological Reviews</i> , 2009, 230, 201-215.	6.0	69
23	Cell Surface Profiling Using High-Throughput Flow Cytometry: A Platform for Biomarker Discovery and Analysis of Cellular Heterogeneity. <i>PLoS ONE</i> , 2014, 9, e105602.	2.5	65
24	ATM-dependent DNA damage surveillance in T-cell development and leukemogenesis: the DSB connection. <i>Immunological Reviews</i> , 2006, 209, 142-158.	6.0	64
25	Regulation of intrathymic T cell development by Lunatic Fringe Notch1 interactions. <i>Immunological Reviews</i> , 2006, 209, 76-94.	6.0	57
26	Positive selection of CD4+ and CD8+ T cells. <i>Current Opinion in Immunology</i> , 1996, 8, 225-232.	5.5	53
27	Transgenic Expression of Numb Inhibits Notch Signaling in Immature Thymocytes But Does Not Alter T Cell Fate Specification. <i>Journal of Immunology</i> , 2002, 168, 3173-3180.	0.8	47
28	Cdh1 and Pik3ca Mutations Cooperate to Induce Immune-Related Invasive Lobular Carcinoma of the Breast. <i>Cell Reports</i> , 2018, 25, 702-714.e6.	6.4	47
29	ATM deficiency disrupts Tcr $\alpha$ locus integrity and the maturation of CD4+CD8+ thymocytes. <i>Blood</i> , 2007, 109, 1887-1896.	1.4	46
30	In Vivo Senescence in the Sdbs-Deficient Murine Pancreas: Cell-Type Specific Consequences of Translation Insufficiency. <i>PLoS Genetics</i> , 2015, 11, e1005288.	3.5	37
31	Functional screening of FGFR4-driven tumorigenesis identifies PI3K/mTOR inhibition as a therapeutic strategy in rhabdomyosarcoma. <i>Oncogene</i> , 2018, 37, 2630-2644.	5.9	37
32	Chromosomal reinsertion of broken RSS ends during T cell development. <i>Journal of Experimental Medicine</i> , 2007, 204, 2293-2303.	8.5	34
33	Therapeutic Potential of Spleen Tyrosine Kinase Inhibition for Treating High-Risk Precursor B Cell Acute Lymphoblastic Leukemia. <i>Science Translational Medicine</i> , 2014, 6, 236ra62.	12.4	30
34	Biological and therapeutic implications of a unique subtype of NPM1 mutated AML. <i>Nature Communications</i> , 2021, 12, 1054.	12.8	29
35	Essential and perilous: V(D)J recombination and DNA damage checkpoints in lymphocyte precursors. <i>Seminars in Immunology</i> , 1997, 9, 199-206.	5.6	27
36	Early innate and adaptive immune perturbations determine long-term severity of chronic virus and Mycobacterium tuberculosis coinfection. <i>Immunity</i> , 2021, 54, 526-541.e7.	14.3	25

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37	Lunatic Fringe prolongs Delta/Notch-induced self-renewal of committed $\hat{1}\hat{2}$ T-cell progenitors. <i>Blood</i> , 2011, 117, 1184-1195.	1.4	24
38	Notch signaling in lymphocyte development. <i>Seminars in Immunology</i> , 2002, 14, 395-404.	5.6	23
39	STAT5-Induced Lunatic Fringe during Th2 Development Alters Delta-like 4-Mediated Th2 Cytokine Production in Respiratory Syncytial Virus-Exacerbated Airway Allergic Disease. <i>Journal of Immunology</i> , 2014, 192, 996-1003.	0.8	23
40	Fine-tuning Notch1 activation by endocytosis and glycosylation. <i>Seminars in Immunology</i> , 2003, 15, 99-106.	5.6	21
41	Irradiation Promotes V(D)J Joining and RAG-Dependent Neoplastic Transformation in SCID T-Cell Precursors. <i>Molecular and Cellular Biology</i> , 2001, 21, 400-413.	2.3	20
42	Lunatic Fringe Enhances Competition for Delta-Like Notch Ligands but Does Not Overcome Defective Pre-TCR Signaling during Thymocyte $\hat{2}$ -Selection In Vivo. <i>Journal of Immunology</i> , 2010, 185, 4609-4617.	0.8	18
43	Notch3 Is Dispensable for Thymocyte $\hat{2}$ -Selection and Notch1-Induced T Cell Leukemogenesis. <i>PLoS ONE</i> , 2011, 6, e24937.	2.5	17
44	B cell acute lymphoblastic leukemia cells mediate RANK-RANKL-dependent bone destruction. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	17
45	Pre-encoded responsiveness to type I interferon in the peripheral immune system defines outcome of PD1 blockade therapy. <i>Nature Immunology</i> , 2022, 23, 1273-1283.	14.5	17
46	p53-Independent Apoptosis Disrupts Early Organogenesis in Embryos Lacking Both Ataxia-Telangiectasia Mutated and Prkdc. <i>Molecular Cancer Research</i> , 2006, 4, 311-318.	3.4	16
47	An Integrated Analysis of Heterogeneous Drug Responses in Acute Myeloid Leukemia That Enables the Discovery of Predictive Biomarkers. <i>Cancer Research</i> , 2016, 76, 1214-1224.	0.9	16
48	Synergy between the pre-T cell receptor and Notch: cementing the $\hat{1}\hat{2}$ lineage choice. <i>Journal of Experimental Medicine</i> , 2006, 203, 2233-2237.	8.5	15
49	Cancers from Novel <i>Pole</i> -Mutant Mouse Models Provide Insights into Polymerase-Mediated Hypermutagenesis and Immune Checkpoint Blockade. <i>Cancer Research</i> , 2020, 80, 5606-5618.	0.9	14
50	Thymus and T-lymphocyte development: what is new in the 21st century?. <i>Immunological Reviews</i> , 2006, 209, 5-9.	6.0	13
51	A network of immune and microbial modifications underlies viral persistence in the gastrointestinal tract. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	6
52	Heterogeneity of Macrophages and Dendritic Cells as Accessory Cells. <i>Immunobiology</i> , 1984, 168, 172-181.	1.9	4
53	A key role for IL-7R in the generation of microenvironments required for thymic dendritic cells. <i>Immunology and Cell Biology</i> , 2017, 95, 933-942.	2.3	4
54	Multiomic Profiling of Central Nervous System Leukemia Identifies mRNA Translation as a Therapeutic Target. <i>Blood Cancer Discovery</i> , 2022, 3, 16-31.	5.0	4

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55	â€œCrypticâ€•Notch1 messages induce T-ALL. <i>Blood</i> , 2010, 116, 5436-5438.	1.4	3
56	MuLV-related endogenous retroviral elements and <i>Flt3</i> participate in aberrant end-joining events that promote B-cell leukemogenesis. <i>Genes and Development</i> , 2014, 28, 1179-1190.	5.9	3
57	Defining Functional Heterogeneity In Acute Lymphoblastic Leukemia. <i>Blood</i> , 2013, 122, 1365-1365.	1.4	3
58	RANK-RANKL Mediated Bone Destruction in B-Cell Acute Lymphoblastic Leukemia. <i>Blood</i> , 2016, 128, 908-908.	1.4	3
59	Targeted blockade of immune mechanisms inhibit B precursor acute lymphoblastic leukemia cell invasion of the central nervous system. <i>Cell Reports Medicine</i> , 2021, 2, 100470.	6.5	3
60	Method for Tagging Antibodies with Metals for Mass Cytometry Experiments. <i>Methods in Molecular Biology</i> , 2019, 1989, 47-54.	0.9	2
61	Genetic Analysis of B-Cell Acute Lymphoblastic Leukemia Dissemination to the Central Nervous System Identifies Clonal Selection and Therapeutic Vulnerability. <i>Blood</i> , 2018, 132, 1542-1542.	1.4	1
62	TMOD-10. REPLICATION REPAIR DEFICIENT MOUSE MODELS PROVIDE INSIGHT ON HYPERMUTANT BRAIN TUMOURS AND COMBINATIONAL IMMUNOTHERAPY. <i>Neuro-Oncology</i> , 2019, 21, ii123-ii123.	1.2	0