

# Vincenzo Di Bartolo

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

2,262  
citations

236612

25  
h-index

288905

40  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2927  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring T-cell receptor signals by proximal negative feedback mechanisms. <i>Nature Reviews Immunology</i> , 2008, 8, 699-712.	10.6	232
2	Cell Biology of T Cell Receptor Expression and Regulation. <i>Annual Review of Immunology</i> , 2018, 36, 103-125.	9.5	194
3	In the Immune Synapse, ZAP-70 Controls T Cell Polarization and Recruitment of Signaling Proteins but Not Formation of the Synaptic Pattern. <i>Immunity</i> , 2002, 17, 389-399.	6.6	136
4	Tyrosine 319, a Newly Identified Phosphorylation Site of ZAP-70, Plays a Critical Role in T Cell Antigen Receptor Signaling. <i>Journal of Biological Chemistry</i> , 1999, 274, 6285-6294.	1.6	126
5	Tyrosine 319 in the Interdomain B of ZAP-70 Is a Binding Site for the Src Homology 2 Domain of Lck. <i>Journal of Biological Chemistry</i> , 1999, 274, 14229-14237.	1.6	114
6	Ezrin tunes T-cell activation by controlling Dlg1 and microtubule positioning at the immunological synapse. <i>EMBO Journal</i> , 2010, 29, 2301-2314.	3.5	111
7	ZAP-70 kinase regulates HIV cell-to-cell spread and virological synapse formation. <i>EMBO Journal</i> , 2007, 26, 516-526.	3.5	110
8	A novel pathway down-modulating T cell activation involves HPK-1-dependent recruitment of 14-3-3 proteins on SLP-76. <i>Journal of Experimental Medicine</i> , 2007, 204, 681-691.	4.2	87
9	The <i>Shigella flexneri</i> Type Three Secretion System Effector IpgD Inhibits T Cell Migration by Manipulating Host Phosphoinositide Metabolism. <i>Cell Host and Microbe</i> , 2011, 9, 263-272.	5.1	83
10	Mycolactone Suppresses T Cell Responsiveness by Altering Both Early Signaling and Posttranslational Events. <i>Journal of Immunology</i> , 2010, 184, 1436-1444.	0.4	76
11	Functional Dichotomy in Natural Killer Cell Signaling. <i>Journal of Experimental Medicine</i> , 2001, 193, 1413-1424.	4.2	75
12	Induction of the NF- $\kappa$ B Cascade by Recruitment of the Scaffold Molecule NEMO to the T Cell Receptor. <i>Immunity</i> , 2003, 18, 13-26.	6.6	70
13	Mutation of Tyrosines 492/493 in the Kinase Domain of ZAP-70 Affects Multiple T-cell Receptor Signaling Pathways. <i>Journal of Biological Chemistry</i> , 1996, 271, 32644-32652.	1.6	65
14	Mycolactone impairs T cell homing by suppressing microRNA control of L-selectin expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12833-12838.	3.3	60
15	ERM-Dependent Assembly of T Cell Receptor Signaling and Co-stimulatory Molecules on Microvilli prior to Activation. <i>Cell Reports</i> , 2020, 30, 3434-3447.e6.	2.9	58
16	Rac1-Rab11-FIP3 regulatory hub coordinates vesicle traffic with actin remodeling and cell activation. <i>EMBO Journal</i> , 2016, 35, 1160-1174.	3.5	57
17	Comparative Anatomy of Phagocytic and Immunological Synapses. <i>Frontiers in Immunology</i> , 2016, 7, 18.	2.2	56
18	Release of serine/threonine-phosphorylated adaptors from signaling microclusters down-regulates T cell activation. <i>Journal of Cell Biology</i> , 2011, 195, 839-853.	2.3	55

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19	T Cell Development and T Cell Responses in Mice with Mutations Affecting Tyrosines 292 or 315 of the Zap-70 Protein Tyrosine Kinase. <i>Journal of Experimental Medicine</i> , 2001, 194, 491-506.	4.2	53
20	Rab11-FIP3 Regulation of Lck Endosomal Traffic Controls TCR Signal Transduction. <i>Journal of Immunology</i> , 2017, 198, 2967-2978.	0.4	38
21	Adenomatous Polyposis Coli Defines Treg Differentiation and Anti-inflammatory Function through Microtubule-Mediated NFAT Localization. <i>Cell Reports</i> , 2017, 21, 181-194.	2.9	37
22	Toll like receptor 7 expressed by malignant cells promotes tumor progression and metastasis through the recruitment of myeloid derived suppressor cells. <i>Oncolmmunology</i> , 2019, 8, e1505174.	2.1	37
23	Coordinating Cytoskeleton and Molecular Traffic in T Cell Migration, Activation, and Effector Functions. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 591348.	1.8	36
24	Histamine releasing factor and elongation factor 1 alpha secreted via malaria parasites extracellular vesicles promote immune evasion by inhibiting specific T cell responses. <i>Cellular Microbiology</i> , 2019, 21, e13021.	1.1	35
25	Evidence for an endogenous ouabain-like immunoreactive factor in human newborn plasma coeluted with ouabain on HPLC. <i>Life Sciences</i> , 1995, 57, 1417-1425.	2.0	29
26	TCR/CD3 Down-Modulation and $\zeta$ Degradation Are Regulated by ZAP-70. <i>Journal of Immunology</i> , 2002, 169, 1705-1712.	0.4	27
27	T-cell receptor $\zeta$ -induced phosphorylation of the $\zeta$ chain is efficiently promoted by ZAP-70 but not Syk. <i>Blood</i> , 2004, 104, 760-767.	0.6	24
28	CD8 T Cell Sensory Adaptation Dependent on TCR Avidity for Self-Antigens. <i>Journal of Immunology</i> , 2005, 175, 7388-7397.	0.4	19
29	Further evidence for an endogenous digitalis-like compound in newborn and adult plasma detected by anti-ouabain antiserum. <i>Life Sciences</i> , 1997, 60, 893-898.	2.0	17
30	The Rift Valley Fever Virus Nonstructural Protein NSs Is Phosphorylated at Serine Residues Located in Casein Kinase II Consensus Motifs in the Carboxy-Terminus. <i>Virology</i> , 1999, 263, 517-525.	1.1	17
31	HIV-1 Nef Hijacks Lck and Rac1 Endosomal Traffic To Dually Modulate Signaling-Mediated and Actin Cytoskeleton-Mediated T Cell Functions. <i>Journal of Immunology</i> , 2018, 201, 2624-2640.	0.4	17
32	Proximal changes in signal transduction that modify CD8+ T cell responsiveness in vivo. <i>European Journal of Immunology</i> , 2003, 33, 2551-2556.	1.6	16
33	An Immunodominant Epitope in a Functional Domain Near the N-Terminus of Human Granulocyte-Macrophage Colony-Stimulating Factor Identified by Cross-Reaction of Synthetic Peptides with Neutralizing Anti-Protein and Anti-Peptide Antibodies. <i>Hybridoma</i> , 1994, 13, 457-468.	0.9	15
34	Tyrosine 315 determines optimal recruitment of ZAP-70 to the T cell antigen receptor. <i>European Journal of Immunology</i> , 2002, 32, 568-575.	1.6	15
35	Adenomatous Polyposis Coli Modulates Actin and Microtubule Cytoskeleton at the Immunological Synapse to Tune CTL Functions. <i>ImmunoHorizons</i> , 2020, 4, 363-381.	0.8	14
36	Serine Phosphorylation of SLP76 Is Dispensable for T Cell Development but Modulates Helper T Cell Function. <i>PLoS ONE</i> , 2017, 12, e0170396.	1.1	13

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37	Cell polarity regulators, multifunctional organizers of lymphocyte activation and function. <i>Biomedical Journal</i> , 2022, 45, 299-309.	1.4	12
38	The tumor suppressor adenomatous polyposis coli regulates T lymphocyte migration. <i>Science Advances</i> , 2022, 8, eabl5942.	4.7	11
39	Editorial: Molecular Dynamics at the Immunological Synapse. <i>Frontiers in Immunology</i> , 2016, 7, 632.	2.2	8
40	Sequence tag scanning: A new explorative strategy for recognition of unexpected protein alterations by nanoelectrospray ionization-tandem mass spectrometry. <i>Proteomics</i> , 2005, 5, 667-674.	1.3	7
41	Large-scale screening for genes involved in T-cell signaling: do we know all the players now?. <i>Trends in Immunology</i> , 2004, 25, 399-402.	2.9	0
42	Release of serine/threonine-phosphorylated adaptors from signaling microclusters down-regulates T cell activation. <i>Journal of Experimental Medicine</i> , 2011, 208, i36-i36.	4.2	0