

Vincenzo Di Bartolo

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,262
citations

236925
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44
all docs

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docs citations

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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. | 22.7 | 232 |
| 2 | Cell Biology of T Cell Receptor Expression and Regulation. <i>Annual Review of Immunology</i> , 2018, 36, 103-125. | 21.8 | 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. | 14.3 | 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. | 3.4 | 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. | 3.4 | 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. | 7.8 | 111 |
| 7 | ZAP-70 kinase regulates HIV cell-to-cell spread and virological synapse formation. <i>EMBO Journal</i> , 2007, 26, 516-526. | 7.8 | 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. | 8.5 | 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. | 11.0 | 83 |
| 10 | Mycolactone Suppresses T Cell Responsiveness by Altering Both Early Signaling and Posttranslational Events. <i>Journal of Immunology</i> , 2010, 184, 1436-1444. | 0.8 | 76 |
| 11 | Functional Dichotomy in Natural Killer Cell Signaling. <i>Journal of Experimental Medicine</i> , 2001, 193, 1413-1424. | 8.5 | 75 |
| 12 | Induction of the NF- κ B Cascade by Recruitment of the Scaffold Molecule NEMO to the T Cell Receptor. <i>Immunity</i> , 2003, 18, 13-26. | 14.3 | 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. | 3.4 | 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. | 7.1 | 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. | 6.4 | 58 |
| 16 | Rac1-Rab11-FIP3 regulatory hub coordinates vesicle traffic with actin remodeling and cell activation. <i>EMBO Journal</i> , 2016, 35, 1160-1174. | 7.8 | 57 |
| 17 | Comparative Anatomy of Phagocytic and Immunological Synapses. <i>Frontiers in Immunology</i> , 2016, 7, 18. | 4.8 | 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. | 5.2 | 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. | 8.5 | 53 |
| 20 | Rab11-FIP3 Regulation of Lck Endosomal Traffic Controls TCR Signal Transduction. <i>Journal of Immunology</i> , 2017, 198, 2967-2978. | 0.8 | 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. | 6.4 | 37 |
| 22 | Toll like receptor 7 expressed by malignant cells promotes tumor progression and metastasis through the recruitment of myeloid derived suppressor cells. <i>Oncoimmunology</i> , 2019, 8, e1505174. | 4.6 | 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. | 3.7 | 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. | 2.1 | 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. | 4.3 | 29 |
| 26 | TCR/CD3 Down-Modulation and ζ Degradation Are Regulated by ZAP-70. <i>Journal of Immunology</i> , 2002, 169, 1705-1712. | 0.8 | 27 |
| 27 | T-cell receptor α -induced phosphorylation of the ζ chain is efficiently promoted by ZAP-70 but not Syk. <i>Blood</i> , 2004, 104, 760-767. | 1.4 | 24 |
| 28 | CD8 T Cell Sensory Adaptation Dependent on TCR Avidity for Self-Antigens. <i>Journal of Immunology</i> , 2005, 175, 7388-7397. | 0.8 | 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. | 4.3 | 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. | 2.4 | 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. | 0.8 | 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. | 2.9 | 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. | 0.6 | 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. | 2.9 | 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. | 1.8 | 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. | 2.5 | 13 |

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|----|--|------|-----------|
| 37 | Cell polarity regulators, multifunctional organizers of lymphocyte activation and function. Biomedical Journal, 2022, 45, 299-309. | 3.1 | 12 |
| 38 | The tumor suppressor adenomatous polyposis coli regulates T lymphocyte migration. Science Advances, 2022, 8, eabl5942. | 10.3 | 11 |
| 39 | Editorial: Molecular Dynamics at the Immunological Synapse. Frontiers in Immunology, 2016, 7, 632. | 4.8 | 8 |
| 40 | Sequence tag scanning: A new explorative strategy for recognition of unexpected protein alterations by nanoelectrospray ionization-tandem mass spectrometry. Proteomics, 2005, 5, 667-674. | 2.2 | 7 |
| 41 | Large-scale screening for genes involved in T-cell signaling: do we know all the players now?. Trends in Immunology, 2004, 25, 399-402. | 6.8 | 0 |
| 42 | Release of serine/threonine-phosphorylated adaptors from signaling microclusters down-regulates T cell activation. Journal of Experimental Medicine, 2011, 208, i36-i36. | 8.5 | 0 |