Byron B Au-Yeung

List of Publications by Year
in descending order

20 papers	1,689 citations	430874 18 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	2938 citing authors

#	Article	IF	Citations
1	Functional heterogeneity and adaptation of naive T cells in response to tonic TCR signals. Current Opinion in Immunology, 2021, 73, 43-49.	5.5	9
2	Adaptation by naÃ¯ve CD4 ⁺ T cells to self-antigenâ€“dependent TCR signaling induces functional heterogeneity and tolerance. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15160-15169.	7.1	54
3	ZAP-70 in Signaling, Biology, and Disease. Annual Review of Immunology, 2018, 36, 127-156.	21.8	105
4	IL-2 Modulates the TCR Signaling Threshold for CD8 but Not CD4 T Cell Proliferation on a Single-Cell Level. Journal of Immunology, 2017, 198, 2445-2456.	0.8	89
5	A Phosphosite within the SH2 Domain of Lck Regulates Its Activation by CD45. Molecular Cell, 2017, 67, 498-511.e6.	9.7	51
6	CIP2A Promotes T-Cell Activation and Immune Response to Listeria monocytogenes Infection. PLoS ONE, 2016, 11, e0152996.	2.5	17
7	The role of T cell receptor signaling thresholds in guiding T cell fate decisions. Current Opinion in Immunology, 2015, 33, 43-48.	5.5	43
8	Pak2 is required for actin cytoskeleton remodeling, TCR signaling, and normal thymocyte development and maturation. ELife, 2014, 3, e02270.	6.0	51
9	Distinct phases in the positive selection of CD8⁺T cells distinguished by intrathymic migration and T-cell receptor signaling patterns. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2550-8.	7.1	54
10	A sharp T-cell antigen receptor signaling threshold for T-cell proliferation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3679-88.	7.1	134
11	Quantitative and temporal requirements revealed for Zap70 catalytic activity during T cell development. Nature Immunology, 2014, 15, 687-694.	14.5	65
12	Distinct structural and catalytic roles for Zap70 in formation of the immunological synapse in CTL. ELife, 2014, 3, e01310.	6.0	41
13	Extrathymic Aire-Expressing Cells Are a Distinct Bone Marrow-Derived Population that Induce Functional Inactivation of CD4+ T Cells. Immunity, 2013, 39, 560-572.	14.3	133
14	Monovalent and Multivalent Ligation of the B Cell Receptor Exhibit Differential Dependence upon Syk and Src Family Kinases. Science Signaling, 2013, 6, ra1.	3.6	73
15	Itk Controls the Spatiotemporal Organization of T Cell Activation. Science Signaling, 2011, 4, ra66.	3.6	48
16	A genetically selective inhibitor demonstrates a function for the kinase Zap70 in regulatory T cells independent of its catalytic activity. Nature Immunology, 2010, 11, 1085-1092.	14.5	90
17	ZAP-70: An Essential Kinase in T-cell Signaling. Cold Spring Harbor Perspectives in Biology, 2010, 2, a002279-a002279.	5.5	311
18	The structure, regulation, and function of ZAPâ€70. Immunological Reviews, 2009, 228, 41-57.	6.0	203

#	Article	IF	Citations
19	A Key Role for Itk in Both IFNÎ³ and IL-4 Production by NKT Cells. Journal of Immunology, 2007, 179, 111-119.	0.8	59
20	Cutting Edge: Itk-Dependent Signals Required for CD4+ T Cells to Exert, but Not Gain, Th2 Effector Function. Journal of Immunology, 2006, 176, 3895-3899.	0.8	59