

Michael S Kuhns

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

694
citations

840776

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1125743

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g-index

18
all docs

18
docs citations

18
times ranked

896
citing authors

#	ARTICLE	IF	CITATIONS
1	Deconstructing the Form and Function of the TCR/CD3 Complex. <i>Immunity</i> , 2006, 24, 133-139.	14.3	193
2	A Mechanical Switch Couples T Cell Receptor Triggering to the Cytoplasmic Juxtamembrane Regions of CD3 ζ . <i>Immunity</i> , 2015, 43, 227-239.	14.3	107
3	Disruption of Extracellular Interactions Impairs T Cell Receptor-CD3 Complex Stability and Signaling. <i>Immunity</i> , 2007, 26, 357-369.	14.3	87
4	TCR Signaling Emerges from the Sum of Many Parts. <i>Frontiers in Immunology</i> , 2012, 3, 159.	4.8	65
5	Structural Basis of Specificity and Cross-Reactivity in T Cell Receptors Specific for Cytochrome <i>c</i> . <i>Journal of Immunology</i> , 2011, 186, 5823-5832.	0.8	59
6	The Safety on the TCR Trigger. <i>Cell</i> , 2008, 135, 594-596.	28.9	44
7	Functional evidence for TCR-intrinsic specificity for MHCII. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3000-3005.	7.1	35
8	Self-recognition drives the preferential accumulation of promiscuous CD4 ⁺ T-cells in aged mice. <i>ELife</i> , 2015, 4, e05949.	6.0	29
9	Reciprocal TCR-CD3 and CD4 Engagement of a Nucleating pMHCII Stabilizes a Functional Receptor Macrocomplex. <i>Cell Reports</i> , 2018, 22, 1263-1275.	6.4	23
10	A biomimetic five-module chimeric antigen receptor (^{5M} CAR) designed to target and eliminate antigen-specific T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28950-28959.	7.1	19
11	A Transmembrane Domain GGxxG Motif in CD4 Contributes to Its Lck-Independent Function but Does Not Mediate CD4 Dimerization. <i>PLoS ONE</i> , 2015, 10, e0132333.	2.5	19
12	The CD4 and CD3 ζ Cytosolic Juxtamembrane Regions Are Proximal within a Compact TCR-CD3-pMHC-CD4 Macrocomplex. <i>Journal of Immunology</i> , 2016, 196, 4713-4722.	0.8	11
13	A disconnect between precursor frequency, expansion potential, and site-specific CD4 ⁺ T cell responses in aged mice. <i>PLoS ONE</i> , 2018, 13, e0198354.	2.5	1
14	Bonds Voyage! A Dissociative Model of TCR-CD3 Triggering Is Proposed. <i>Immunity</i> , 2018, 49, 786-788.	14.3	0