

Michael S Kuhns

List of Publications by Year in descending order

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840776

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18
docs citations

18
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896
citing authors

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