Enas Abu-Shah

List of Publications by Year
in descending order

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20 papers	675 citations	759233 12 h-index	713466 21 g-index
35 all docs	35 docs citations	35 times ranked	925 citing authors

#	Article	IF	Citations
1	Fluctuations in T cell receptor and pMHC interactions regulate T cell activation. Journal of the Royal Society Interface, 2022, 19, 20210589.	3.4	4
2	Artificial Antigen Presenting Cells for Detection and Desensitization of Autoreactive T cells Associated with Type 1 Diabetes. Nano Letters, 2022, 22, 4376-4382.	9.1	3
3	The Zinc Finger Protein Zbtb18 Represses Expression of Class I Phosphatidylinositol 3-Kinase Subunits and Inhibits Plasma Cell Differentiation. Journal of Immunology, 2021, 206, 1515-1527.	0.8	3
4	Activated Regulatory T-Cells, Dysfunctional and Senescent T-Cells Hinder the Immunity in Pancreatic Cancer. Cancers, 2021, 13, 1776.	3.7	24
5	The discriminatory power of the T cell receptor. ELife, 2021, 10, .	6.0	52
6	A dynamic CD2-rich compartment at the outer edge of the immunological synapse boosts and integrates signals. Nature Immunology, 2020, 21, 1232-1243.	14.5	72
7	Human CD8+ T Cells Exhibit a Shared Antigen Threshold for Different Effector Responses. Journal of Immunology, 2020, 205, 1503-1512.	0.8	24
8	Centering and symmetry breaking in confined contracting actomyosin networks. ELife, 2020, 9, .	6.0	29
9	Cutting Edge: Synapse Propensity of Human Memory CD8 T Cells Confers Competitive Advantage over Naive Counterparts. Journal of Immunology, 2019, 203, 601-606.	0.8	12
10	Scaling behaviour in steady-state contracting actomyosin networks. Nature Physics, 2019, 15, 509-516.	16.7	43
11	A tissue-like platform for studying engineered quiescent human T-cellsâ€™ interactions with dendritic cells. ELife, 2019, 8, .	6.0	14
12	Durable Interactions of T Cells with T Cell Receptor Stimuli in the Absence of a Stable Immunological Synapse. Cell Reports, 2018, 22, 340-349.	6.4	36
13	Self-organized stress patterns drive state transitions in actin cortices. Science Advances, 2018, 4, eaar2847.	10.3	46
14	Actin Turnover in Lamellipodial Fragments. Current Biology, 2017, 27, 2963-2973.e14.	3.9	58
15	Architecture of a minimal signaling pathway explains the T-cell response to a 1 million-fold variation in antigen affinity and dose. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6630-E6638.	7.1	79
16	Reconstitution of cortical actin networks within water-in-oil emulsions. Methods in Cell Biology, 2015, 128, 287-301.	1.1	6
17	On the limited recognition of inorganic surfaces by short peptides compared with antibodies. Journal of Peptide Science, 2014, 20, 446-450.	1.4	5
18	Differential mapping of the free barbed and pointed ends of actin filaments in cells. Cytoskeleton, 2014, 71, 341-350.	2.0	8

#	Article	IF	Citations
19	Symmetry breaking in reconstituted actin cortices. ELife, 2014, 3, e01433.	6.0	85
20	Mechanical forces and feedbacks in cell motility. Current Opinion in Cell Biology, 2013, 25, 550-557.	5.4	35