

Irina L Grigorova

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4771942/publications.pdf>

Version: 2024-02-01

29
papers

3,184
citations

394421

19
h-index

552781

26
g-index

33
all docs

33
docs citations

33
times ranked

4415
citing authors

#	ARTICLE	IF	CITATIONS
1	Subcapsular encounter and complement-dependent transport of immune complexes by lymph node B cells. <i>Nature Immunology</i> , 2007, 8, 992-1000.	14.5	576
2	Lymphatic endothelial cell sphingosine kinase activity is required for lymphocyte egress and lymphatic patterning. <i>Journal of Experimental Medicine</i> , 2010, 207, 17-27.	8.5	414
3	Lymph node chemokines promote sustained T lymphocyte motility without triggering stable integrin adhesiveness in the absence of shear forces. <i>Nature Immunology</i> , 2007, 8, 1076-1085.	14.5	310
4	Visualizing B cell capture of cognate antigen from follicular dendritic cells. <i>Journal of Experimental Medicine</i> , 2009, 206, 1485-1493.	8.5	232
5	The actin regulator coronin 1A is mutant in a thymic egress-deficient mouse strain and in a patient with severe combined immunodeficiency. <i>Nature Immunology</i> , 2008, 9, 1307-1315.	14.5	213
6	Cortical sinus probing, S1P1-dependent entry and flow-based capture of egressing T cells. <i>Nature Immunology</i> , 2009, 10, 58-65.	14.5	195
7	Visualization of splenic marginal zone B-cell shuttling and follicular B-cell egress. <i>Nature</i> , 2013, 493, 684-688.	27.8	195
8	Insights into transcriptional regulation and λ competition from an equilibrium model of RNA polymerase binding to DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 5332-5337.	7.1	159
9	Lymph node cortical sinus organization and relationship to lymphocyte egress dynamics and antigen exposure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20447-20452.	7.1	139
10	Activation of the Arp2/3 Complex by the Listeria ActA Protein. <i>Journal of Biological Chemistry</i> , 2001, 276, 3468-3475.	3.4	119
11	Fine-tuning of the Escherichia coli σ^E envelope stress response relies on multiple mechanisms to inhibit signal-independent proteolysis of the transmembrane anti-sigma factor, RseA. <i>Genes and Development</i> , 2004, 18, 2686-2697.	5.9	109
12	Design principles of the proteolytic cascade governing the σ^E -mediated envelope stress response in Escherichia coli: keys to graded, buffered, and rapid signal transduction. <i>Genes and Development</i> , 2007, 21, 124-136.	5.9	101
13	Module-Based Analysis of Robustness Tradeoffs in the Heat Shock Response System. <i>PLoS Computational Biology</i> , 2006, 2, e59.	3.2	89
14	Regulation of the Alternative Sigma Factor σ^E during Initiation, Adaptation, and Shutoff of the Extracytoplasmic Heat Shock Response in Escherichia coli. <i>Journal of Bacteriology</i> , 2003, 185, 2512-2519.	2.2	77
15	Macropinocytosis drives T cell growth by sustaining the activation of mTORC1. <i>Nature Communications</i> , 2020, 11, 180.	12.8	45
16	Transiently antigen-primed B cells return to naive-like state in absence of T-cell help. <i>Nature Communications</i> , 2017, 8, 15072.	12.8	38
17	B Cell Receptor Crosslinking Augments Germinal Center B Cell Selection when T Cell Help Is Limiting. <i>Cell Reports</i> , 2018, 25, 1395-1403.e4.	6.4	36
18	TLR7-Mediated Lupus Nephritis Is Independent of Type I IFN Signaling. <i>Journal of Immunology</i> , 2018, 201, 393-405.	0.8	31

#	ARTICLE	IF	CITATIONS
19	Antigen Acquisition Enables Newly Arriving B Cells To Enter Ongoing Immunization-Induced Germinal Centers. <i>Journal of Immunology</i> , 2017, 199, 1301-1307.	0.8	29
20	CCL3 Promotes Germinal Center B Cells Sampling by Follicular Regulatory T Cells in Murine Lymph Nodes. <i>Frontiers in Immunology</i> , 2018, 9, 2044.	4.8	24
21	Signals 1, 2 and B cell fate or: Where, when and for how long?. <i>Immunological Reviews</i> , 2020, 296, 9-23.	6.0	19
22	Self-Antigens Displayed on Liposomal Nanoparticles above a Threshold of Epitope Density Elicit Class-Switched Autoreactive Antibodies Independent of T Cell Help. <i>Journal of Immunology</i> , 2020, 204, 335-347.	0.8	11
23	Transiently antigen primed B cells can generate multiple subsets of memory cells. <i>PLoS ONE</i> , 2017, 12, e0183877.	2.5	10
24	Human Norovirus Triggers Primary B Cell Immune Activation <i>In Vitro</i> . <i>MBio</i> , 2022, 13, e0017522.	4.1	9
25	B and Th cell response to Ag in vivo: Implications for vaccine development and diseases. <i>Immunological Reviews</i> , 2020, 296, 5-8.	6.0	2
26	Overview of the neutralizing antibody and memory B cell response kinetics in SARS-CoV-2 convalescent and/or mRNA vaccinated individuals.. <i>Systems Biology and Physiology Reports</i> , 2021, 1, 1-5.	0.4	2
27	Module-Based Analysis of Robustness Tradeoffs in the Heat Shock Response System. <i>PLoS Computational Biology</i> , 2005, preprint, e59.	3.2	0
28	Lymphatic endothelial cell sphingosine kinase activity is required for lymphocyte egress and lymphatic patterning. <i>Journal of Cell Biology</i> , 2009, 187, i15-i15.	5.2	0
29	Regulation and Function of the Envelope Stress Response Controlled by ĨfE. , 0, , 107-121.		0