Irina L Grigorova

List of Publications by Year
in descending order

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	Human Norovirus Triggers Primary B Cell Immune Activation<i>In Vitro</i>. MBio, 2022, 13, e0017522.	4.1	9
2	Overview of the neutralizing antibody and memory B cell response kinetics in SARS-CoV-2 convalescent and/or mRNA vaccinated individuals.. Systems Biology and Physiology Reports, 2021, 1, 1-5.	0.4	2
3	Macropinocytosis drives T cell growth by sustaining the activation of mTORC1. Nature Communications, 2020, 11, 180.	12.8	45
4	Self-Antigens Displayed on Liposomal Nanoparticles above a Threshold of Epitope Density Elicit Class-Switched Autoreactive Antibodies Independent of T Cell Help. Journal of Immunology, 2020, 204, 335-347.	0.8	11
5	B and Th cell response to Ag in vivo: Implications for vaccine development and diseases. Immunological Reviews, 2020, 296, 5-8.	6.0	2
6	Signals 1, 2 and B cell fate or: Where, when and for how long?. Immunological Reviews, 2020, 296, 9-23.	6.0	19
7	B Cell Receptor Crosslinking Augments Germinal Center B Cell Selection when T Cell Help Is Limiting. Cell Reports, 2018, 25, 1395-1403.e4.	6.4	36
8	CCL3 Promotes Germinal Center B Cells Sampling by Follicular Regulatory T Cells in Murine Lymph Nodes. Frontiers in Immunology, 2018, 9, 2044.	4.8	24
9	TLR7-Mediated Lupus Nephritis Is Independent of Type I IFN Signaling. Journal of Immunology, 2018, 201, 393-405.	0.8	31
10	Transiently antigen-primed B cells return to naive-like state in absence of T-cell help. Nature Communications, 2017, 8, 15072.	12.8	38
11	Antigen Acquisition Enables Newly Arriving B Cells To Enter Ongoing Immunization-Induced Germinal Centers. Journal of Immunology, 2017, 199, 1301-1307.	0.8	29
12	Transiently antigen primed B cells can generate multiple subsets of memory cells. PLoS ONE, 2017, 12, e0183877.	2.5	10
13	Visualization of splenic marginal zone B-cell shuttling and follicular B-cell egress. Nature, 2013, 493, 684-688.	27.8	195
14	Lymphatic endothelial cell sphingosine kinase activity is required for lymphocyte egress and lymphatic patterning. Journal of Experimental Medicine, 2010, 207, 17-27.	8.5	414
15	Lymph node cortical sinus organization and relationship to lymphocyte egress dynamics and antigen exposure. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20447-20452.	7.1	139
16	Visualizing B cell capture of cognate antigen from follicular dendritic cells. Journal of Experimental Medicine, 2009, 206, 1485-1493.	8.5	232
17	Cortical sinus probing, S1P1-dependent entry and flow-based capture of egressing T cells. Nature Immunology, 2009, 10, 58-65.	14.5	195
18	Lymphatic endothelial cell sphingosine kinase activity is required for lymphocyte egress and lymphatic patterning. Journal of Cell Biology, 2009, 187, i15-i15.	5.2	0

#	Article	IF	Citations
19	The actin regulator coronin 1A is mutant in a thymic egressâ€“deficient mouse strain and in a patient with severe combined immunodeficiency. Nature Immunology, 2008, 9, 1307-1315.	14.5	213
20	Design principles of the proteolytic cascade governing the ÂE-mediated envelope stress response in Escherichia coli: keys to graded, buffered, and rapid signal transduction. Genes and Development, 2007, 21, 124-136.	5.9	101
21	Subcapsular encounter and complement-dependent transport of immune complexes by lymph node B cells. Nature Immunology, 2007, 8, 992-1000.	14.5	576
22	Lymph node chemokines promote sustained T lymphocyte motility without triggering stable integrin adhesiveness in the absence of shear forces. Nature Immunology, 2007, 8, 1076-1085.	14.5	310
23	Module-Based Analysis of Robustness Tradeoffs in the Heat Shock Response System. PLoS Computational Biology, 2006, 2, e59.	3.2	89
24	Insights into transcriptional regulation and Â competition from an equilibrium model of RNA polymerase binding to DNA. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5332-5337.	7.1	159
25	Module-Based Analysis of Robustness Tradeoffs in the Heat Shock Response System. PLoS Computational Biology, 2005, preprint, e59.	3.2	0
26	Fine-tuning of the Escherichia coli ÂE envelope stress response relies on multiple mechanisms to inhibit signal-independent proteolysis of the transmembrane anti-sigma factor, RseA. Genes and Development, 2004, 18, 2686-2697.	5.9	109
27	Regulation of the Alternative Sigma Factor Ïƒ E during Initiation, Adaptation, and Shutoff of the Extracytoplasmic Heat Shock Response in Escherichia coli. Journal of Bacteriology, 2003, 185, 2512-2519.	2.2	77
28	Activation of the Arp2/3 Complex by the Listeria ActA Protein. Journal of Biological Chemistry, 2001, 276, 3468-3475.	3.4	119
29	Regulation and Function of the Envelope Stress Response Controlled by ÏƒE. , 0, , 107-121.		0