

Bojan Polic

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

4,765
citations

136740

32
h-index

155451

55
g-index

56
all docs

56
docs citations

56
times ranked

7080
citing authors

#	ARTICLE	IF	CITATIONS
1	NK cells link obesity-induced adipose stress to inflammation and insulin resistance. <i>Nature Immunology</i> , 2015, 16, 376-385.	7.0	407
2	Hierarchical and Redundant Lymphocyte Subset Control Precludes Cytomegalovirus Replication during Latent Infection. <i>Journal of Experimental Medicine</i> , 1998, 188, 1047-1054.	4.2	312
3	Continuous T Cell Receptor Signals Maintain a Functional Regulatory T Cell Pool. <i>Immunity</i> , 2014, 41, 722-736.	6.6	262
4	The "Big Bang" in obese fat: Events initiating obesity-induced adipose tissue inflammation. <i>European Journal of Immunology</i> , 2015, 45, 2446-2456.	1.6	262
5	Antibodies are not essential for the resolution of primary cytomegalovirus infection but limit dissemination of recurrent virus.. <i>Journal of Experimental Medicine</i> , 1994, 179, 1713-1717.	4.2	241
6	Gamma interferon-dependent clearance of cytomegalovirus infection in salivary glands. <i>Journal of Virology</i> , 1992, 66, 1977-1984.	1.5	239
7	ProteomeBinders: planning a European resource of affinity reagents for analysis of the human proteome. <i>Nature Methods</i> , 2007, 4, 13-17.	9.0	231
8	NKG2D ligands mediate immunosurveillance of senescent cells. <i>Aging</i> , 2016, 8, 328-344.	1.4	211
9	How T cells deal with induced TCR ablation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 8744-8749.	3.3	205
10	Pathogenesis of murine cytomegalovirus infection. <i>Microbes and Infection</i> , 2003, 5, 1263-1277.	1.0	202
11	NKG2D: A Master Regulator of Immune Cell Responsiveness. <i>Frontiers in Immunology</i> , 2018, 9, 441.	2.2	182
12	Regulation of immune cell function and differentiation by the NKG2D receptor. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3519-3529.	2.4	157
13	NK cell activation through the NKG2D ligand MULT-1 is selectively prevented by the glycoprotein encoded by mouse cytomegalovirus gene m145. <i>Journal of Experimental Medicine</i> , 2005, 201, 211-220.	4.2	140
14	Immune evasion of natural killer cells by viruses. <i>Current Opinion in Immunology</i> , 2008, 20, 30-38.	2.4	138
15	The Intraepithelial T Cell Response to NKG2D-Ligands Links Lymphoid Stress Surveillance to Atopy. <i>Science</i> , 2011, 334, 1293-1297.	6.0	134
16	Virus-Induced Interferon- γ Causes Insulin Resistance in Skeletal Muscle and Derails Glycemic Control in Obesity. <i>Immunity</i> , 2018, 49, 164-177.e6.	6.6	131
17	Cutting Edge: CD8+ T Cell Priming in the Absence of NK Cells Leads to Enhanced Memory Responses. <i>Journal of Immunology</i> , 2011, 186, 3304-3308.	0.4	123
18	The Immuno-evasive Function Encoded by the Mouse Cytomegalovirus Gene m152 Protects the Virus against T Cell Control in Vivo. <i>Journal of Experimental Medicine</i> , 1999, 190, 1285-1296.	4.2	122

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19	Altered NK Cell Development and Enhanced NK Cell-Mediated Resistance to Mouse Cytomegalovirus in NKG2D-Deficient Mice. <i>Immunity</i> , 2009, 31, 270-282.	6.6	109
20	NKG2D-Dependent Antitumor Effects of Chemotherapy and Radiotherapy against Glioblastoma. <i>Clinical Cancer Research</i> , 2018, 24, 882-895.	3.2	73
21	Interactions between adipose tissue and the immune system in health and malnutrition. <i>Seminars in Immunology</i> , 2015, 27, 322-333.	2.7	70
22	Incomplete block of B cell development and immunoglobulin production in mice carrying the γ MT mutation on the BALB/c background. <i>European Journal of Immunology</i> , 2002, 32, 3463-3471.	1.6	58
23	NKG2D signaling on CD8+ T cells represses T-bet and rescues CD4-unhelped CD8+ T cell memory recall but not effector responses. <i>Nature Medicine</i> , 2012, 18, 422-428.	15.2	56
24	Minimum information about a protein affinity reagent (MIAPAR). <i>Nature Biotechnology</i> , 2010, 28, 650-653.	9.4	50
25	Immune responses and cytokine induction in the development of severe hepatitis during acute infections with murine cytomegalovirus. <i>Archives of Virology</i> , 2000, 145, 2601-2618.	0.9	44
26	NK cell receptor NKG2D sets activation threshold for the NCR1 receptor early in NK cell development. <i>Nature Immunology</i> , 2018, 19, 1083-1092.	7.0	42
27	Differential Susceptibility of RAE-1 Isoforms to Mouse Cytomegalovirus. <i>Journal of Virology</i> , 2009, 83, 8198-8207.	1.5	40
28	NKG2D Induces Mcl-1 Expression and Mediates Survival of CD8 Memory T Cell Precursors via Phosphatidylinositol 3-Kinase. <i>Journal of Immunology</i> , 2013, 191, 1307-1315.	0.4	37
29	RAE1 μ Ligand Expressed on Pancreatic Islets Recruits NKG2D Receptor-Expressing Cytotoxic T Cells Independent of T Cell Receptor Recognition. <i>Immunity</i> , 2012, 36, 132-141.	6.6	36
30	NKT Cell-TCR Expression Activates Conventional T Cells in Vivo, but Is Largely Dispensable for Mature NKT Cell Biology. <i>PLoS Biology</i> , 2013, 11, e1001589.	2.6	36
31	NKG2D: A versatile player in the immune system. <i>Immunology Letters</i> , 2017, 189, 48-53.	1.1	36
32	Viral inhibitors of NKG2D ligands: Friends or foes of immune surveillance?. <i>European Journal of Immunology</i> , 2008, 38, 2952-2956.	1.6	33
33	Eomes broadens the scope of CD8 T-cell memory by inhibiting apoptosis in cells of low affinity. <i>PLoS Biology</i> , 2020, 18, e3000648.	2.6	31
34	Critical role of the NKG2D receptor for NK cell-mediated control and immune escape of B α cell lymphoma. <i>European Journal of Immunology</i> , 2015, 45, 2593-2601.	1.6	30
35	Superior induction and maintenance of protective CD8 T cells in mice infected with mouse cytomegalovirus vector expressing RAE-1 β . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16550-16555.	3.3	26
36	"Beauty and the beast" in infection: How immune-endocrine interactions regulate systemic metabolism in the context of infection. <i>European Journal of Immunology</i> , 2019, 49, 982-995.	1.6	26

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37	NK cell receptor NKG2D enforces proinflammatory features and pathogenicity of Th1 and Th17 cells. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	25
38	NKG2D Promotes B1a Cell Development and Protection against Bacterial Infection. <i>Journal of Immunology</i> , 2017, 198, 1531-1542.	0.4	24
39	NKG2Dâ€“NKG2D Ligand Interaction Inhibits the Outgrowth of Naturally Arising Low-Grade B Cell Lymphoma In Vivo. <i>Journal of Immunology</i> , 2016, 196, 4805-4813.	0.4	19
40	Hyperglycemia and Not Hyperinsulinemia Mediates Diabetes-Induced Memory CD8 T-Cell Dysfunction. <i>Diabetes</i> , 2022, 71, 706-721.	0.3	19
41	The activating receptor <scp>NKG2D</scp> of natural killer cells promotes resistance against enterovirusâ€“mediated inflammatory cardiomyopathy. <i>Journal of Pathology</i> , 2014, 234, 164-177.	2.1	18
42	NKG2D stimulation of CD8⁺ T cells during priming promotes their capacity to produce cytokines in response to viral infection in mice. <i>European Journal of Immunology</i> , 2017, 47, 1123-1135.	1.6	16
43	Cheating the Hunger Games; Mechanisms Controlling Clonal Diversity of CD8 Effector and Memory Populations. <i>Frontiers in Immunology</i> , 2018, 9, 2831.	2.2	16
44	Role of NKG2D in Obesity-Induced Adipose Tissue Inflammation and Insulin Resistance. <i>PLoS ONE</i> , 2014, 9, e110108.	1.1	15
45	Efficient Killing of Murine Pluripotent Stem Cells by Natural Killer (NK) Cells Requires Activation by Cytokines and Partly Depends on the Activating NK Receptor NKG2D. <i>Frontiers in Immunology</i> , 2017, 8, 870.	2.2	13
46	Immunosuppressive and Antiproliferative Effects of Somatostatin Analog SMS 201â€“995. <i>International Journal of Neuroscience</i> , 1995, 81, 283-297.	0.8	10
47	MHC class II expression through a hitherto unknown pathway supports T helper cell-dependent immune responses: implications for MHC class II deficiency. <i>Blood</i> , 2006, 107, 1434-1444.	0.6	10
48	Inflammatory Cytokineâ€“Mediated Evasion of Virus-Induced Tumors from NK Cell Control. <i>Journal of Immunology</i> , 2013, 191, 961-970.	0.4	10
49	A dual function of <scp>NKG</scp>2<scp>D</scp> ligands in <scp>NK</scp>-cell activation. <i>European Journal of Immunology</i> , 2012, 42, 2452-2458.	1.6	9
50	Loss of NKG2D in murine NK cells leads to increased perforin production upon longâ€“term stimulation with ILâ€“2. <i>European Journal of Immunology</i> , 2020, 50, 880-890.	1.6	9
51	Blood glucose regulation in context of infection. <i>Vitamins and Hormones</i> , 2021, 117, 253-318.	0.7	7
52	A Protective Role for NKG2Dâ€“H60a Interaction via Homotypic T Cell Contact in Nonobese Diabetic Autoimmune Diabetes Pathogenesis. <i>ImmunoHorizons</i> , 2017, 1, 198-212.	0.8	7
53	Severe Lipoatrophy in a Patient With Type 2 Diabetes in Response to Human Insulin Analogs Glargine and Degludec: Possible Involvement of CD4 T Cellâ€“Mediated Tissue Remodeling. <i>Diabetes Care</i> , 2020, 43, 494-496.	4.3	4
54	Innate Immunity to Mouse Cytomegalovirus. , 2008, , 445-456.		0