

# Stephan Gasser

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

4,396  
citations

218677

26  
h-index

289244

40  
g-index

41  
all docs

41  
docs citations

41  
times ranked

7084  
citing authors

#	ARTICLE	IF	CITATIONS
1	The DNA damage pathway regulates innate immune system ligands of the NKG2D receptor. <i>Nature</i> , 2005, 436, 1186-1190.	27.8	1,168
2	Regulation of Ligands for the NKG2D Activating Receptor. <i>Annual Review of Immunology</i> , 2013, 31, 413-441.	21.8	705
3	c-Myc regulates mammalian body size by controlling cell number but not cell size. <i>Nature</i> , 2001, 414, 768-773.	27.8	416
4	Activation and self-tolerance of natural killer cells. <i>Immunological Reviews</i> , 2006, 214, 130-142.	6.0	185
5	Missing self-recognition of Ocil/Clr-b by inhibitory NKR-P1 natural killer cell receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 3527-3532.	7.1	178
6	The DNA Damage Response Arouses the Immune System: Figure 1.. <i>Cancer Research</i> , 2006, 66, 3959-3962.	0.9	162
7	The DNA Structure-Specific Endonuclease MUS81 Mediates DNA Sensor STING-Dependent Host Rejection of Prostate Cancer Cells. <i>Immunity</i> , 2016, 44, 1177-1189.	14.3	162
8	Genome-Derived Cytosolic DNA Mediates Type I Interferon-Dependent Rejection of B Cell Lymphoma Cells. <i>Cell Reports</i> , 2015, 11, 460-473.	6.4	149
9	RAE1 Ligands for the NKG2D Receptor Are Regulated by STING-Dependent DNA Sensor Pathways in Lymphoma. <i>Cancer Research</i> , 2014, 74, 2193-2203.	0.9	127
10	The DNA damage response, immunity and cancer. <i>Seminars in Cancer Biology</i> , 2006, 16, 344-347.	9.6	118
11	NK Cells Regulate CD8+ T Cell Priming and Dendritic Cell Migration during Influenza A Infection by IFN- $\gamma$ and Perforin-Dependent Mechanisms. <i>Journal of Immunology</i> , 2012, 189, 2099-2109.	0.8	109
12	Chemotherapy-Induced Genotoxic Stress Promotes Sensitivity to Natural Killer Cell Cytotoxicity by Enabling Missing-Self Recognition. <i>Cancer Research</i> , 2010, 70, 7102-7113.	0.9	94
13	Toll-Like Receptor Ligands Induce Expression of the Costimulatory Molecule CD155 on Antigen-Presenting Cells. <i>PLoS ONE</i> , 2013, 8, e54406.	2.5	64
14	CD137 ligand activated microglia induces oligodendrocyte apoptosis via reactive oxygen species. <i>Journal of Neuroinflammation</i> , 2012, 9, 173.	7.2	56
15	ATM-dependent spontaneous regression of early E $\mu$ 1/4-myc-induced murine B-cell leukemia depends on natural killer and T cells. <i>Blood</i> , 2013, 121, 2512-2521.	1.4	56
16	Generating Primary Fibroblast Cultures from Mouse Ear and Tail Tissues. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	54
17	Ras Activation Induces Expression of Raet1 Family NK Receptor Ligands. <i>Journal of Immunology</i> , 2012, 189, 1826-1834.	0.8	52
18	c-Myc acts downstream of IL-15 in the regulation of memory CD8 T-cell homeostasis. <i>Blood</i> , 2006, 107, 3992-3999.	1.4	51

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19	Advances in NKG2D ligand recognition and responses by NK cells. <i>Immunology and Cell Biology</i> , 2014, 92, 230-236.	2.3	48
20	Bacterial-induced cell fusion is a danger signal triggering cGASâ€“STING pathway via micronuclei formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15923-15934.	7.1	46
21	Annexin-A1 Regulates TLR-Mediated IFN-Î² Production through an Interaction with TANK-Binding Kinase 1. <i>Journal of Immunology</i> , 2013, 191, 4375-4382.	0.8	40
22	In critically ill patients, B-type natriuretic peptide (BNP) and N-terminal pro-BNP levels correlate with C-reactive protein values and leukocyte counts. <i>International Journal of Cardiology</i> , 2008, 126, 28-31.	1.7	38
23	RNA Polymerase III Regulates Cytosolic RNA:DNA Hybrids and Intracellular MicroRNA Expression. <i>Journal of Biological Chemistry</i> , 2015, 290, 7463-7473.	3.4	38
24	cGASâ€“STING cytosolic DNA sensing pathway is suppressed by JAK2-STAT3 in tumor cells. <i>Scientific Reports</i> , 2021, 11, 7243.	3.3	36
25	Sensing of dangerous DNA. <i>Mechanisms of Ageing and Development</i> , 2017, 165, 33-46.	4.6	33
26	Development of Experimental Autoimmune Encephalomyelitis Critically Depends on CD137 Ligand Signaling. <i>Journal of Neuroscience</i> , 2012, 32, 18246-18252.	3.6	32
27	Regulation of self-ligands for activating natural killer cell receptors. <i>Annals of Medicine</i> , 2013, 45, 384-394.	3.8	26
28	The <sc>DNA</sc> damage response induces antigen presenting cellâ€“like functions in fibroblasts. <i>European Journal of Immunology</i> , 2014, 44, 1108-1118.	2.9	22
29	STING-dependent cytosolic DNA sensor pathways regulate NKG2D ligand expression. <i>Oncolmmunology</i> , 2014, 3, e29259.	4.6	18
30	Synergistic Anticancer Effects of Pam3CSK4 and Ara-C on B-Cell Lymphoma Cells. <i>Clinical Cancer Research</i> , 2014, 20, 3485-3495.	7.0	18
31	DNA damage response and development of targeted cancer treatments. <i>Annals of Medicine</i> , 2007, 39, 457-464.	3.8	17
32	Regulation of adipogenic differentiation and adipose tissue inflammation by interferon regulatory factor 3. <i>Cell Death and Differentiation</i> , 2021, 28, 3022-3035.	11.2	17
33	Advances in identification and selection of personalized neoantigen/T-cell pairs for autologous adoptive T cell therapies. <i>Oncolmmunology</i> , 2021, 10, 1869389.	4.6	14
34	The role of natural killer cells in cancer therapy. <i>Frontiers in Bioscience - Elite</i> , 2010, E2, 380-391.	1.8	11
35	Induction of the DNA damage response by IAP inhibition triggers natural immunity via upregulation of NKG2D ligands in Hodgkin lymphoma <i>in vitro</i>. <i>Biological Chemistry</i> , 2013, 394, 1325-1331.	2.5	10
36	Apoptotic Cells Release IL1 Receptor Antagonist in Response to Genotoxic Stress. <i>Cancer Immunology Research</i> , 2016, 4, 294-302.	3.4	8

#	ARTICLE	IF	CITATIONS
37	ATM activation mediates anticancer immunosurveillance by natural killer and T cells. <i>Oncolmunology</i> , 2013, 2, e24438.	4.6	6
38	NKG2D ligands link oncogenic RAS to innate immunity. <i>Oncolmunology</i> , 2013, 2, e22244.	4.6	6
39	Damage control: how HIV survives the editor APOBEC3G. <i>Nature Immunology</i> , 2011, 12, 925-927.	14.5	4
40	Genome-derived cytosolic DNA contributes to type I interferon expression and immunogenicity of B-cell lymphoma cells. <i>Cytokine</i> , 2015, 76, 581-582.	3.2	2