

# Gunther Hartmann

## List of Publications by Year in descending order

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200  
papers

30,597  
citations

9264

74  
h-index

4645

170  
g-index

215  
all docs

215  
docs citations

215  
times ranked

34821  
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation between a quantitative anti-SARS-CoV-2 IgG ELISA and neutralization activity. Journal of Medical Virology, 2022, 94, 388-392.	5.0	89
2	Recessive NLRC4-Autoinflammatory Disease Reveals an Ulcerative Colitis Locus. Journal of Clinical Immunology, 2022, 42, 325-335.	3.8	17
3	RIG-I-induced innate antiviral immunity protects mice from lethal SARS-CoV-2 infection. Molecular Therapy - Nucleic Acids, 2022, 27, 1225-1234.	5.1	14
4	Deficiency in coatomer complex I causes aberrant activation of STING signalling. Nature Communications, 2022, 13, 2321.	12.8	43
5	Innate immune receptor signaling induces transient melanoma dedifferentiation while preserving immunogenicity. , 2022, 10, e003863.		3
6	Human Beta Papillomavirus Type 8 E1 and E2 Proteins Suppress the Activation of the RIG-I-Like Receptor MDA5. Viruses, 2022, 14, 1361.	3.3	6
7	Expression of a Functional Mx1 Protein Is Essential for the Ability of RIG-I Agonist Prophylaxis to Provide Potent and Long-Lasting Protection in a Mouse Model of Influenza A Virus Infection. Viruses, 2022, 14, 1547.	3.3	1
8	Detectable SARS-CoV-2 RNAemia in Critically Ill Patients, but Not in Mild and Asymptomatic Infections. Transfusion Medicine and Hemotherapy, 2021, 48, 154-160.	1.6	4
9	Memory B cells targeting SARS-CoV-2 spike protein and their dependence on CD4+ T cell help. Cell Reports, 2021, 35, 109320.	6.4	47
10	Monocyte-dependent co-stimulation of cytokine induction in human $\beta$ T cells by TLR8 RNA ligands. Scientific Reports, 2021, 11, 15231.	3.3	5
11	Extracellular Vesicle Separation Techniques Impact Results from Human Blood Samples: Considerations for Diagnostic Applications. International Journal of Molecular Sciences, 2021, 22, 9211.	4.1	13
12	Malaria parasites both repress host CXCL10 and use it as a cue for growth acceleration. Nature Communications, 2021, 12, 4851.	12.8	22
13	MAPK-pathway inhibition mediates inflammatory reprogramming and sensitizes tumors to targeted activation of innate immunity sensor RIG-I. Nature Communications, 2021, 12, 5505.	12.8	30
14	Animal models of SARS-CoV-2 and COVID-19 for the development of prophylactic and therapeutic interventions. , 2021, 228, 107931.		18
15	Interferon-driven brain phenotype in a mouse model of RNaseT2 deficient leukoencephalopathy. Nature Communications, 2021, 12, 6530.	12.8	16
16	BIOM-24. PROTEIN SURFACE SIGNATURE ON SERUM EXTRACELLULAR VESICLES FOR NON-INVASIVE DETECTION OF TUMOR PROGRESSION IN GLIOBLASTOMA PATIENTS. Neuro-Oncology, 2021, 23, vi15-vi16.	1.2	0
17	High RIG-I expression in ovarian cancer associates with an immune escape signature and poor clinical outcome. International Journal of Cancer, 2020, 146, 2007-2018.	5.1	38
18	Analysis of Serum miRNA in Glioblastoma Patients: CD44-Based Enrichment of Extracellular Vesicles Enhances Specificity for the Prognostic Signature. International Journal of Molecular Sciences, 2020, 21, 7211.	4.1	17

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19	Immune Sensing Mechanisms that Discriminate Self from Altered Self and Foreign Nucleic Acids. <i>Immunity</i> , 2020, 53, 54-77.	14.3	115
20	Infection fatality rate of SARS-CoV2 in a super-spreading event in Germany. <i>Nature Communications</i> , 2020, 11, 5829.	12.8	207
21	Absence of cGAS-mediated type I IFN responses in HIV-1-infected T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19475-19486.	7.1	20
22	A continuous responder algorithm to optimize clinical management of small-cell lung cancer with progastrin-releasing peptide as a simple blood test. <i>Tumor Biology</i> , 2020, 42, 101042832095860.	1.8	3
23	U-DCS: characterization of the first permanent human dendritic sarcoma cell line. <i>Scientific Reports</i> , 2020, 10, 21221.	3.3	2
24	The coffee ingredients caffeic acid and caffeic acid phenylethyl ester protect against irinotecan-induced leukopenia and oxidative stress response. <i>British Journal of Pharmacology</i> , 2020, 177, 4193-4208.	5.4	11
25	Immune Sensing of Synthetic, Bacterial, and Protozoan RNA by Toll-like Receptor 8 Requires Coordinated Processing by RNase T2 and RNase 2. <i>Immunity</i> , 2020, 52, 591-605.e6.	14.3	83
26	Targeting the innate immunoreceptor RIG-I overcomes melanoma-intrinsic resistance to T cell immunotherapy. <i>Journal of Clinical Investigation</i> , 2020, 130, 4266-4281.	8.2	27
27	BIOM-40. ANALYSIS OF SERUM MIRNA IN GLIOBLASTOMA PATIENTS: TARGETED ENRICHMENT OF EXTRACELLULAR VESICLES ENHANCES SPECIFICITY FOR PROGNOSTIC SIGNATURE. <i>Neuro-Oncology</i> , 2020, 22, ii10-ii10.	1.2	0
28	The PNPLA3 I148M variant promotes lipid-induced hepatocyte secretion of CXC chemokines establishing a tumorigenic milieu. <i>Journal of Molecular Medicine</i> , 2019, 97, 1589-1600.	3.9	7
29	Human TLR8 Senses RNA From Plasmodium falciparum-Infected Red Blood Cells Which Is Uniquely Required for the IFN- $\beta$ Response in NK Cells. <i>Frontiers in Immunology</i> , 2019, 10, 371.	4.8	26
30	Targeted Nanoparticle Delivery of Bifunctional RIG-I Agonists to Pancreatic Cancer. <i>Molecular Therapy</i> , 2019, 27, 491-492.	8.2	7
31	Interferon-beta-induced changes in neuroimaging phenotypes of appetitive motivation and reactivity to emotional salience. <i>NeuroImage: Clinical</i> , 2019, 24, 102020.	2.7	3
32	Direct RIG-I activation in human NK cells induces TRAIL-dependent cytotoxicity toward autologous melanoma cells. <i>International Journal of Cancer</i> , 2019, 144, 1645-1656.	5.1	23
33	Phenprocoumon Dose Requirements, Dose Stability and Time in Therapeutic Range in Elderly Patients With CYP2C9 and VKORC1 Polymorphisms. <i>Frontiers in Pharmacology</i> , 2019, 10, 1620.	3.5	3
34	Structural Alterations of MET Trigger Response to MET Kinase Inhibition in Lung Adenocarcinoma Patients. <i>Clinical Cancer Research</i> , 2018, 24, 1337-1343.	7.0	71
35	Improved sensitivity for detection of breast cancer by combination of miR-34a and tumor markers CA 15-3 or CEA. <i>Oncotarget</i> , 2018, 9, 22523-22536.	1.8	40
36	ATG16L1 orchestrates interleukin-22 signaling in the intestinal epithelium via cGAS-STING. <i>Journal of Experimental Medicine</i> , 2018, 215, 2868-2886.	8.5	122

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37	Amplification of N-Myc is associated with a T-cell-poor microenvironment in metastatic neuroblastoma restraining interferon pathway activity and chemokine expression. <i>Oncolimmunology</i> , 2017, 6, e1320626.	4.6	89
38	RIG-I Resists Hypoxia-Induced Immunosuppression and Dedifferentiation. <i>Cancer Immunology Research</i> , 2017, 5, 455-467.	3.4	29
39	Diagnostic relevance of a novel multiplex immunoassay panel in breast cancer. <i>Tumor Biology</i> , 2017, 39, 101042831771138.	1.8	9
40	Free-Circulating Methylated DNA in Blood for Diagnosis, Staging, Prognosis, and Monitoring of Head and Neck Squamous Cell Carcinoma Patients: An Observational Prospective Cohort Study. <i>Clinical Chemistry</i> , 2017, 63, 1288-1296.	3.2	97
41	Nucleic Acid Immunity. <i>Advances in Immunology</i> , 2017, 133, 121-169.	2.2	205
42	Clinical performance of LOCI <sub>2</sub> -based tumor marker assays for tumor markers CA 15-3, CA 125, CEA, CA 19-9 and AFP in gynecological cancers. <i>Tumor Biology</i> , 2017, 39, 101042831773024.	1.8	25
43	Analysis of integrated clinical trial protocols in early phases of medicinal product development. <i>European Journal of Clinical Pharmacology</i> , 2017, 73, 1565-1577.	1.9	14
44	RIG-I Activation Protects and Rescues from Lethal Influenza Virus Infection and Bacterial Superinfection. <i>Molecular Therapy</i> , 2017, 25, 2093-2103.	8.2	26
45	Funktion von extrazellulären Vesikeln und Bedeutung für die labormedizinische Diagnostik. <i>Laboratoriums Medizin</i> , 2017, 41, 299-308.	0.6	0
46	Type I interferon-mediated autoinflammation due to DNase II deficiency. <i>Nature Communications</i> , 2017, 8, 2176.	12.8	164
47	Abstract B44: Selective stimulation of RIG-I with a novel synthetic RNA induces strong anti-tumor immunity in mouse tumor models. , 2017, , .		7
48	Clinical Performance of CEA, CA19-9, CA15-3, CA125 and AFP in Gastrointestinal Cancer Using LOCI <sub>2</sub> -based Assays. <i>Anticancer Research</i> , 2017, 37, 353-360.	1.1	31
49	Diagnostic Performance of a Novel Multiplex Immunoassay in Colorectal Cancer. <i>Anticancer Research</i> , 2017, 37, 2477-2486.	1.1	16
50	G-rich DNA-induced stress response blocks type-I-IFN but not CXCL10 secretion in monocytes. <i>Scientific Reports</i> , 2016, 6, 38405.	3.3	4
51	Das Immunsystem der Nukleinsäureerkennung. <i>Laboratoriums Medizin</i> , 2016, 40, 355-366.	0.6	1
52	MDA-5 activation by cytoplasmic double-stranded RNA impairs endothelial function and aggravates atherosclerosis. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1696-1705.	3.6	15
53	RIG-I activation induces the release of extracellular vesicles with antitumor activity. <i>Oncolimmunology</i> , 2016, 5, e1219827.	4.6	44
54	Discriminating self from non-self in nucleic acid sensing. <i>Nature Reviews Immunology</i> , 2016, 16, 566-580.	22.7	438

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55	Inflammasome-Dependent Induction of Adaptive NK Cell Memory. <i>Immunity</i> , 2016, 44, 1406-1421.	14.3	67
56	Individualized versus standardized risk assessment in patients at high risk for adverse drug reactions (IDrug) â€” study protocol for a pragmatic randomized controlled trial. <i>BMC Family Practice</i> , 2016, 17, 49.	2.9	14
57	Cutting Edge: The RIG-I Ligand 3pRNA Potently Improves CTL Cross-Priming and Facilitates Antiviral Vaccination. <i>Journal of Immunology</i> , 2016, 196, 2439-2443.	0.8	42
58	Immune- and miRNA-response to recombinant interferon beta-1a: a biomarker evaluation study to guide the development of novel type I interferon- based therapies. <i>BMC Pharmacology &amp; Toxicology</i> , 2015, 16, 25.	2.4	6
59	A Conserved Histidine in the RNA Sensor RIG-I Controls Immune Tolerance to N1-2â€²O-Methylated Self RNA. <i>Immunity</i> , 2015, 43, 41-51.	14.3	221
60	Sequence-specific activation of the DNA sensor cGAS by Y-form DNA structures as found in primary HIV-1 cDNA. <i>Nature Immunology</i> , 2015, 16, 1025-1033.	14.5	202
61	Where Failure Is Not an Option â€”Personalized Medicine in Astronauts. <i>PLoS ONE</i> , 2015, 10, e0140764.	2.5	29
62	ATP hydrolysis by the viral RNA sensor RIG-I prevents unintentional recognition of self-RNA. <i>ELife</i> , 2015, 4, .	6.0	75
63	Selfâ€”priming determines high type I <scp>IFN</scp> production by plasmacytoid dendritic cells. <i>European Journal of Immunology</i> , 2014, 44, 807-818.	2.9	63
64	Binding-Pocket and Lid-Region Substitutions Render Human STING Sensitive to the Species-Specific Drug DMXAA. <i>Cell Reports</i> , 2014, 8, 1668-1676.	6.4	87
65	AChE and RACK1 Promote the Anti-Inflammatory Properties of Fluoxetine. <i>Journal of Molecular Neuroscience</i> , 2014, 53, 306-315.	2.3	33
66	Efficient Solidâ€”Phase Synthesis of pppRNA by Using Productâ€”Specific Labeling. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4694-4698.	13.8	26
67	Yeast Virus-Derived Stimulator of the Innate Immune System Augments the Efficacy of Virus Vector-Based Immunotherapy. <i>Journal of Virology</i> , 2014, 88, 5242-5255.	3.4	12
68	Calponin-h2: a potential serum marker for the early detection of human breast cancer?. <i>Tumor Biology</i> , 2014, 35, 11121-11127.	1.8	8
69	Characterizing the genetic basis of innate immune response in TLR4-activated human monocytes. <i>Nature Communications</i> , 2014, 5, 5236.	12.8	61
70	Therapeutic Tissue Regeneration by a Macrophage Colony-Stimulating Factor Fc Conjugate. <i>Molecular Therapy</i> , 2014, 22, 1577-1579.	8.2	2
71	Antiviral immunity via RIG-I-mediated recognition of RNA bearing 5â€²-diphosphates. <i>Nature</i> , 2014, 514, 372-375.	27.8	459
72	Enzymatic Synthesis and Purification of a Defined RIG-I Ligand. <i>Methods in Molecular Biology</i> , 2014, 1169, 15-25.	0.9	16

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73	VKORC1-dependent pharmacokinetics of intravenous and oral phylloquinone (vitamin K1) mixed micelles formulation. <i>European Journal of Clinical Pharmacology</i> , 2013, 69, 467-475.	1.9	10
74	Structure-Function Analysis of STING Activation by c[G(2â€²,5â€²)pA(3â€²,5â€²)p] and Targeting by Antiviral DMXAA. <i>Cell</i> , 2013, 154, 748-762.	28.9	472
75	Turning Tumors into Vaccines: Co-opting the Innate Immune System. <i>Immunity</i> , 2013, 39, 27-37.	14.3	93
76	Specific expression of k63-linked ubiquitination of calmodulin-like protein 5 in breast cancer of premenopausal patients. <i>Journal of Cancer Research and Clinical Oncology</i> , 2013, 139, 2125-2132.	2.5	27
77	Oxidative Damage of DNA Confers Resistance to Cytosolic Nuclease TREX1 Degradation and Potentiates STING-Dependent Immune Sensing. <i>Immunity</i> , 2013, 39, 482-495.	14.3	338
78	Exosomes as nucleic acid nanocarriers. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 331-335.	13.7	206
79	Cyclic [G(2â€²,5â€²)pA(3â€²,5â€²)p] Is the Metazoan Second Messenger Produced by DNA-Activated Cyclic GMP-AMP Synthase. <i>Cell</i> , 2013, 153, 1094-1107.	28.9	795
80	Therapeutic Efficacy of Bifunctional siRNA Combining TGF-Î²1 Silencing with RIG-I Activation in Pancreatic Cancer. <i>Cancer Research</i> , 2013, 73, 1709-1720.	0.9	130
81	Targeting the Cytosolic Innate Immune Receptors RIG-I and MDA5 Effectively Counteracts Cancer Cell Heterogeneity in Glioblastoma. <i>Stem Cells</i> , 2013, 31, 1064-1074.	3.2	76
82	RIG-I Detects Triphosphorylated RNA of <i>Listeria monocytogenes</i> during Infection in Non-Immune Cells. <i>PLoS ONE</i> , 2013, 8, e62872.	2.5	68
83	A Human In Vitro Whole Blood Assay to Predict the Systemic Cytokine Response to Therapeutic Oligonucleotides Including siRNA. <i>PLoS ONE</i> , 2013, 8, e71057.	2.5	51
84	Endothelial RIG-I activation impairs endothelial function. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 66-71.	2.1	27
85	RIG-I detects infection with live <i>Listeria</i> by sensing secreted bacterial nucleic acids. <i>EMBO Journal</i> , 2012, 31, 4153-4164.	7.8	153
86	Cytosolic RIG-I-like helicases act as negative regulators of sterile inflammation in the CNS. <i>Nature Neuroscience</i> , 2012, 15, 98-106.	14.8	60
87	Nucleic Acid Adjuvants. <i>Advances in Immunology</i> , 2012, 114, 1-32.	2.2	12
88	Stressing hematopoiesis and immunity: an acetylcholinesterase window into nervous and immune system interactions. <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 30.	2.9	32
89	A Message from the Oligonucleotide Therapeutics Society. <i>Nucleic Acid Therapeutics</i> , 2012, 22, 1-2.	3.6	1
90	Immunohistological analysis of inâ€¢transit metastasis in a patient with advanced melanoma treated with combination therapy of cytosine guanine dinucleotide oligodeoxynucleotide, dacarbazine and betaâ€¢interferon: A case report. <i>Journal of Dermatology</i> , 2012, 39, 1035-1037.	1.2	1

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91	Influence of Acute Exposure to High Altitude on Basal and Postprandial Plasma Levels of Gastroenteropancreatic Peptides. PLoS ONE, 2012, 7, e44445.	2.5	25
92	5â€² Triphosphorylated Small Interfering RNAs Control Replication of Hepatitis B Virus and Induce an Interferon Response in Human Liver Cells and Mice. Gastroenterology, 2011, 141, 696-706.e3.	1.3	66
93	Delivery with polycations extends the immunostimulant RibomunylÂ® into a potent antiviral Toll-like receptor 7/8 agonist. Antiviral Therapy, 2011, 16, 751-758.	1.0	5
94	SiRNA delivery with exosome nanoparticles. Nature Biotechnology, 2011, 29, 325-326.	17.5	299
95	Stimulation of TLR7 prior to polymicrobial sepsis improves the immune control of the inflammatory response in adult mice. Inflammation Research, 2011, 60, 271-279.	4.0	11
96	Immunogenic cell death of human ovarian cancer cells induced by cytosolic poly(I:C) leads to myeloid cell maturation and activates NK cells. European Journal of Immunology, 2011, 41, 3028-3039.	2.9	40
97	Identification of specific nuclear structural protein alterations in human breast cancer. Journal of Cellular Biochemistry, 2011, 112, 3176-3184.	2.6	6
98	Activation of Endothelial Toll-Like Receptor 3 Impairs Endothelial Function. Circulation Research, 2011, 108, 1358-1366.	4.5	107
99	Sorafenib in combination with carboplatin and paclitaxel as neoadjuvant chemotherapy in patients with advanced ovarian cancer. Cancer Chemotherapy and Pharmacology, 2010, 66, 203-207.	2.3	55
100	<i>Listeria monocytogenes</i> is sensed by the NLRP3 and AIM2 inflammasome. European Journal of Immunology, 2010, 40, 1545-1551.	2.9	221
101	Structural and functional insights into 5â€²-ppp RNA pattern recognition by the innate immune receptor RIG-I. Nature Structural and Molecular Biology, 2010, 17, 781-787.	8.2	229
102	Recognition of RNA virus by RIG-I results in activation of CARD9 and inflammasome signaling for interleukin 1Î² production. Nature Immunology, 2010, 11, 63-69.	14.5	477
103	Immunostimulatory RNA Blocks Suppression by Regulatory T Cells. Journal of Immunology, 2010, 184, 939-946.	0.8	55
104	Human Plasmacytoid Dendritic Cells Support Th17 Cell Effector Function in Response to TLR7 Ligation. Journal of Immunology, 2010, 184, 1159-1167.	0.8	96
105	Monocyte-Mediated Inhibition of TLR9-Dependent IFN-Î± Induction in Plasmacytoid Dendritic Cells Questions Bacterial DNA as the Active Ingredient of Bacterial Lysates. Journal of Immunology, 2010, 185, 7367-7373.	0.8	19
106	Targeted Activation of RNA Helicase Retinoic Acidâ€“Inducible Gene-1 Induces Proimmunogenic Apoptosis of Human Ovarian Cancer Cells. Cancer Research, 2010, 70, 5293-5304.	0.9	77
107	Virally Infected Mouse Liver Endothelial Cells Trigger CD8+ T-Cell Immunity. Gastroenterology, 2010, 138, 336-346.	1.3	65
108	Effects of an active immunization on the immune response of laying Japanese quail ( <i>Coturnix coturnix</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T 89, 1122-1128.	3.4	12

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109	Mitf silencing cooperates with IL-12 gene transfer to inhibit melanoma in mice. <i>International Immunopharmacology</i> , 2010, 10, 540-545.	3.8	10
110	The Chase for the RIG-I Ligand—Recent Advances. <i>Molecular Therapy</i> , 2010, 18, 1254-1262.	8.2	84
111	Dendritic cell vaccination in human melanoma: relationships between clinical effects and vaccine parameters. <i>Pigment Cell and Melanoma Research</i> , 2010, 23, 607-619.	3.3	42
112	Immunostimulatory RNA Oligonucleotides Induce an Effective Antitumoral NK Cell Response through the TLR7. <i>Journal of Immunology</i> , 2009, 183, 6078-6086.	0.8	42
113	Higher activation of TLR9 in plasmacytoid dendritic cells by microbial DNA compared with self-DNA based on CpG-specific recognition of phosphodiester DNA. <i>Journal of Leukocyte Biology</i> , 2009, 86, 663-670.	3.3	31
114	Complete Regression of Advanced Primary and Metastatic Mouse Melanomas following Combination Chemoimmunotherapy. <i>Cancer Research</i> , 2009, 69, 6265-6274.	0.9	46
115	Regulation and function of the cytosolic viral RNA sensor RIG-I in pancreatic beta cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 1768-1775.	4.1	18
116	Tumour-derived prostaglandin E <sub>2</sub> and transforming growth factor- $\beta$ synergize to inhibit plasmacytoid dendritic cell-derived interferon- $\gamma$ . <i>Immunology</i> , 2009, 128, 439-450.	4.4	93
117	Syk kinase signalling couples to the Nlrp3 inflammasome for anti-fungal host defence. <i>Nature</i> , 2009, 459, 433-436.	27.8	799
118	RIG-I-dependent sensing of poly(dA:dT) through the induction of an RNA polymerase III-transcribed RNA intermediate. <i>Nature Immunology</i> , 2009, 10, 1065-1072.	14.5	762
119	Approaching the RNA ligand for RIG-I?. <i>Immunological Reviews</i> , 2009, 227, 66-74.	6.0	73
120	Recognition of 5'-Triphosphate by RIG-I Helicase Requires Short Blunt Double-Stranded RNA as Contained in Panhandle of Negative-Strand Virus. <i>Immunity</i> , 2009, 31, 25-34.	14.3	660
121	Selection of Molecular Structure and Delivery of RNA Oligonucleotides to Activate TLR7 versus TLR8 and to Induce High Amounts of IL-12p70 in Primary Human Monocytes. <i>Journal of Immunology</i> , 2009, 182, 6824-6833.	0.8	90
122	Selective and direct activation of human neutrophils but not eosinophils by Toll-like receptor 8. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, 1026-1033.	2.9	66
123	TLR8-driven IL-12-dependent Reciprocal and Synergistic Activation of NK Cells and Monocytes by Immunostimulatory RNA. <i>Journal of Immunotherapy</i> , 2009, 32, 262-271.	2.4	30
124	Proapoptotic signaling induced by RIG-I and MDA-5 results in type I interferon-independent apoptosis in human melanoma cells. <i>Journal of Clinical Investigation</i> , 2009, 119, 2399-411.	8.2	322
125	Gene silencing below the immune radar. <i>Journal of Clinical Investigation</i> , 2009, 119, 438-441.	8.2	8
126	Delivery by Cationic Gelatin Nanoparticles Strongly Increases the Immunostimulatory Effects of CpG Oligonucleotides. <i>Pharmaceutical Research</i> , 2008, 25, 551-562.	3.5	117

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127	Accessing the therapeutic potential of immunostimulatory nucleic acids. Current Opinion in Immunology, 2008, 20, 389-395.	5.5	104
128	5â€²-triphosphate-siRNA: turning gene silencing and Rig-I activation against melanoma. Nature Medicine, 2008, 14, 1256-1263.	30.7	353
129	TRADD Protein Is an Essential Component of the RIG-like Helicase Antiviral Pathway. Immunity, 2008, 28, 651-661.	14.3	280
130	RNA Recognition via TLR7 and TLR8. Handbook of Experimental Pharmacology, 2008, , 71-86.	1.8	77
131	RNA Interference in Scope of Immune System. , 2008, , 207-226.		0
132	<i>Staphylococcus aureus</i> Protein A Triggers T Cell-Independent B Cell Proliferation by Sensitizing B Cells for TLR2 Ligands. Journal of Immunology, 2007, 178, 2803-2812.	0.8	97
133	Immunostimulatory RNA oligonucleotides trigger an antigen-specific cytotoxic T-cell and IgG2a response. Blood, 2007, 109, 2953-2960.	1.4	54
134	A Mammalian microRNA Expression Atlas Based on Small RNA Library Sequencing. Cell, 2007, 129, 1401-1414.	28.9	3,390
135	siRNA and isRNA: two edges of one sword. Molecular Therapy, 2006, 14, 463-470.	8.2	214
136	5'-Triphosphate RNA Is the Ligand for RIG-I. Science, 2006, 314, 994-997.	12.6	2,094
137	Immunotherapy with dendritic cells and CpG oligonucleotides can be combined with chemotherapy without loss of efficacy in a mouse model of colon cancer. International Journal of Cancer, 2006, 118, 2790-2795.	5.1	39
138	Analysis of Plasmacytoid and Myeloid Dendritic Cells in Nasal Epithelium. Vaccine Journal, 2006, 13, 1278-1286.	3.1	54
139	Immunostimulatory Properties of CpG-Oligonucleotides Are Enhanced by the Use of Protamine Nanoparticles. Oligonucleotides, 2006, 16, 313-322.	2.7	38
140	T Cell-Independent, TLR-Induced IL-12p70 Production in Primary Human Monocytes. Journal of Immunology, 2006, 176, 7438-7446.	0.8	102
141	Sequence-specific potent induction of IFN-Î± by short interfering RNA in plasmacytoid dendritic cells through TLR7. Nature Medicine, 2005, 11, 263-270.	30.7	1,153
142	Preferential expression and function of Toll-like receptor 3 in human astrocytes. Journal of Neuroimmunology, 2005, 159, 12-19.	2.3	234
143	CpG ODN enhance antigen-specific NKT cell activation via plasmacytoid dendritic cells. European Journal of Immunology, 2005, 35, 2347-2357.	2.9	71
144	No Indication for a Defect in Toll-Like Receptor Signaling in Patients with Hyper-IgE Syndrome. Journal of Clinical Immunology, 2005, 25, 321-328.	3.8	16

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145	Spontaneous Formation of Nucleic Acid-based Nanoparticles Is Responsible for High Interferon- $\gamma$ Induction by CpG-A in Plasmacytoid Dendritic Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 8086-8093.	3.4	160
146	B-Cell Lymphomas Differ in their Responsiveness to CpG Oligodeoxynucleotides. <i>Clinical Cancer Research</i> , 2005, 11, 1490-1499.	7.0	118
147	Plasmacytoid Dendritic Cells Control TLR7 Sensitivity of Naive B Cells via Type I IFN. <i>Journal of Immunology</i> , 2005, 174, 4043-4050.	0.8	319
148	Inhibition of Toll-Like Receptor 7- and 9-Mediated Alpha/Beta Interferon Production in Human Plasmacytoid Dendritic Cells by Respiratory Syncytial Virus and Measles Virus. <i>Journal of Virology</i> , 2005, 79, 5507-5515.	3.4	208
149	CpG oligonucleotides induce strong humoral but only weak CD4+ T cell responses to protein antigens in rhesus macaques in vivo. <i>Vaccine</i> , 2005, 23, 3310-3317.	3.8	20
150	Replication-Dependent Potent IFN- $\gamma$ Induction in Human Plasmacytoid Dendritic Cells by a Single-Stranded RNA Virus. <i>Journal of Immunology</i> , 2004, 173, 5935-5943.	0.8	191
151	IL-12p70-Dependent Th1 Induction by Human B Cells Requires Combined Activation with CD40 Ligand and CpG DNA. <i>Journal of Immunology</i> , 2004, 172, 954-963.	0.8	147
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