

Tsukasa Seya

List of Publications by Year in descending order

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178
papers

13,519
citations

20817

60
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23533

111
g-index

183
all docs

183
docs citations

183
times ranked

14640
citing authors

#	ARTICLE	IF	CITATIONS
1	TICAM-1, an adaptor molecule that participates in Toll-like receptor 3-mediated interferon- β induction. <i>Nature Immunology</i> , 2003, 4, 161-167.	14.5	1,107
2	Subcellular Localization of Toll-Like Receptor 3 in Human Dendritic Cells. <i>Journal of Immunology</i> , 2003, 171, 3154-3162.	0.8	646
3	TLR3: Interferon induction by double-stranded RNA including poly(I:C). <i>Advanced Drug Delivery Reviews</i> , 2008, 60, 805-812.	13.7	557
4	Aberrant PD-L1 expression through 5'-UTR disruption in multiple cancers. <i>Nature</i> , 2016, 534, 402-406.	27.8	536
5	Establishment of a monoclonal antibody against human Toll-like receptor 3 that blocks double-stranded RNA-mediated signaling. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 1364-1369.	2.1	411
6	Maturation of Human Dendritic Cells by Cell Wall Skeleton of <i>Mycobacterium bovis</i> Bacillus Calmette-Guérin: Involvement of Toll-Like Receptors. <i>Infection and Immunity</i> , 2000, 68, 6883-6890.	2.2	381
7	TIR-containing Adapter Molecule (TICAM)-2, a Bridging Adapter Recruiting to Toll-like Receptor 4 TICAM-1 That Induces Interferon- β . <i>Journal of Biological Chemistry</i> , 2003, 278, 49751-49762.	3.4	345
8	Teleost TLR22 Recognizes RNA Duplex to Induce IFN and Protect Cells from Birnaviruses. <i>Journal of Immunology</i> , 2008, 181, 3474-3485.	0.8	319
9	Riplet/RNF135, a RING Finger Protein, Ubiquitinates RIG-I to Promote Interferon- β Induction during the Early Phase of Viral Infection. <i>Journal of Biological Chemistry</i> , 2009, 284, 807-817.	3.4	308
10	Prediction of the prototype of the human Toll-like receptor gene family from the pufferfish, <i>Fugu rubripes</i> , genome. <i>Immunogenetics</i> , 2003, 54, 791-800.	2.4	285
11	Epstein-Barr virus (EBV)-encoded small RNA is released from EBV-infected cells and activates signaling from toll-like receptor 3. <i>Journal of Experimental Medicine</i> , 2009, 206, 2091-2099.	8.5	265
12	DDX60, a DEXD/H Box Helicase, Is a Novel Antiviral Factor Promoting RIG-I-Like Receptor-Mediated Signaling. <i>Molecular and Cellular Biology</i> , 2011, 31, 3802-3819.	2.3	232
13	Tumor-Secreted Lactic Acid Promotes IL-23/IL-17 Proinflammatory Pathway. <i>Journal of Immunology</i> , 2008, 180, 7175-7183.	0.8	228
14	The Ubiquitin Ligase Riplet Is Essential for RIG-I-Dependent Innate Immune Responses to RNA Virus Infection. <i>Cell Host and Microbe</i> , 2010, 8, 496-509.	11.0	218
15	Activation of the human innate immune system by <i>Spirulina</i> : augmentation of interferon production and NK cytotoxicity by oral administration of hot water extract of <i>Spirulina platensis</i> . <i>International Immunopharmacology</i> , 2002, 2, 423-434.	3.8	207
16	DEAD/H BOX 3 (DDX3) helicase binds the RIG-I adaptor IPS1 to up-regulate IFN- β inducing potential. <i>European Journal of Immunology</i> , 2010, 40, 940-948.	2.9	196
17	Toll-like receptor 3 signaling converts tumor-supporting myeloid cells to tumoricidal effectors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2066-2071.	7.1	195
18	A Distinct Role of Riplet-Mediated K63-Linked Polyubiquitination of the RIG-I Repressor Domain in Human Antiviral Innate Immune Responses. <i>PLoS Pathogens</i> , 2013, 9, e1003533.	4.7	186

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19	Antitumor NK activation induced by the Toll-like receptor 3-TICAM-1 (TRIF) pathway in myeloid dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 252-257.	7.1	177
20	Toll-Like Receptor 3: A Link between Toll-Like Receptor, Interferon and Viruses. <i>Microbiology and Immunology</i> , 2004, 48, 147-154.	1.4	165
21	The cytoplasmic 'linker region' in Toll-like receptor 3 controls receptor localization and signaling. <i>International Immunology</i> , 2004, 16, 1143-1154.	4.0	159
22	Simultaneous Blocking of Human Toll-Like Receptors 2 and 4 Suppresses Myeloid Dendritic Cell Activation Induced by <i>Mycobacterium bovis</i> Bacillus Calmette-Guèrin Peptidoglycan. <i>Infection and Immunity</i> , 2003, 71, 4238-4249.	2.2	154
23	Extracellular Vesicles Including Exosomes Regulate Innate Immune Responses to Hepatitis B Virus Infection. <i>Frontiers in Immunology</i> , 2016, 7, 335.	4.8	152
24	Molecular Cloning and Functional Characterization of Chicken Toll-like Receptors. <i>Journal of Biological Chemistry</i> , 2001, 276, 47143-47149.	3.4	149
25	Antiviral responses induced by the TLR3 pathway. <i>Reviews in Medical Virology</i> , 2011, 21, 67-77.	8.3	132
26	DDX60 Is Involved in RIG-I-Dependent and Independent Antiviral Responses, and Its Function Is Attenuated by Virus-Induced EGFR Activation. <i>Cell Reports</i> , 2015, 11, 1193-1207.	6.4	127
27	NAK-Associated Protein 1 Participates in Both the TLR3 and the Cytoplasmic Pathways in Type I IFN Induction. <i>Journal of Immunology</i> , 2006, 177, 8676-8683.	0.8	124
28	Cutting Edge: NF- κ B-Activating Kinase-Associated Protein 1 Participates in TLR3/Toll-IL-1 Homology Domain-Containing Adapter Molecule-1-Mediated IFN Regulatory Factor 3 Activation. <i>Journal of Immunology</i> , 2005, 174, 27-30.	0.8	123
29	Phylogenetic and expression analysis of amphibian <i>Xenopus</i> Toll-like receptors. <i>Immunogenetics</i> , 2007, 59, 281-293.	2.4	118
30	<i>Mycoplasma fermentans</i> Lipoprotein M161Ag-Induced Cell Activation Is Mediated by Toll-Like Receptor 2: Role of N-Terminal Hydrophobic Portion in its Multiple Functions. <i>Journal of Immunology</i> , 2001, 166, 2610-2616.	0.8	115
31	Differential Type I IFN-Inducing Abilities of Wild-Type versus Vaccine Strains of Measles Virus. <i>Journal of Immunology</i> , 2007, 179, 6123-6133.	0.8	112
32	Development of immunoadjuvants for immunotherapy of cancer. <i>International Immunopharmacology</i> , 2001, 1, 1249-1259.	3.8	108
33	Defined TLR3-specific adjuvant that induces NK and CTL activation without significant cytokine production in vivo. <i>Nature Communications</i> , 2015, 6, 6280.	12.8	107
34	Toll-like receptor 3 recognizes incomplete stem structures in single-stranded viral RNA. <i>Nature Communications</i> , 2013, 4, 1833.	12.8	106
35	Adjuvant-Mediated Tumor Regression and Tumor-Specific Cytotoxic Response Are Impaired in MyD88-Deficient Mice. <i>Cancer Research</i> , 2004, 64, 757-764.	0.9	104
36	Surface-Expressed TLR6 Participates in the Recognition of Diacylated Lipopeptide and Peptidoglycan in Human Cells. <i>Journal of Immunology</i> , 2005, 174, 1566-1573.	0.8	104

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37	A TLR3-Specific Adjuvant Relieves Innate Resistance to PD-L1 Blockade without Cytokine Toxicity in Tumor Vaccine Immunotherapy. <i>Cell Reports</i> , 2017, 19, 1874-1887.	6.4	104
38	Dendritic Cell Maturation Induced by Muramyl Dipeptide (MDP) Derivatives: Monoacylated MDP Confers TLR2/TLR4 Activation. <i>Journal of Immunology</i> , 2005, 174, 7096-7103.	0.8	96
39	Mechanism of up-regulation of human Toll-like receptor 3 secondary to infection of measles virus-attenuated strains. <i>Biochemical and Biophysical Research Communications</i> , 2003, 311, 39-48.	2.1	92
40	Combinational recognition of bacterial lipoproteins and peptidoglycan by chicken Toll-like receptor 2 subfamily. <i>Developmental and Comparative Immunology</i> , 2008, 32, 147-155.	2.3	89
41	Identification of a poly(I:C)-inducible membrane protein that participates in dendritic cell-mediated natural killer cell activation. <i>Journal of Experimental Medicine</i> , 2010, 207, 2675-2687.	8.5	89
42	Phylogenetic and expression analysis of lamprey toll-like receptors. <i>Developmental and Comparative Immunology</i> , 2010, 34, 855-865.	2.3	84
43	Spatiotemporal Mobilization of Toll/IL-1 Receptor Domain-Containing Adaptor Molecule-1 in Response to dsRNA. <i>Journal of Immunology</i> , 2007, 179, 6867-6872.	0.8	82
44	Interferon- β Induction Through Toll-Like Receptor 3 Depends on Double-Stranded RNA Structure. <i>DNA and Cell Biology</i> , 2005, 24, 614-623.	1.9	80
45	Hepatitis C Virus Core Protein Abrogates the DDX3 Function That Enhances IPS-1-Mediated IFN- β Induction. <i>PLoS ONE</i> , 2010, 5, e14258.	2.5	80
46	Direct binding of TRAF2 and TRAF6 to TICAM-1/TRIF adaptor participates in activation of the Toll-like receptor 3/4 pathway. <i>Molecular Immunology</i> , 2010, 47, 1283-1291.	2.2	80
47	The TLR3/TICAM-1 Pathway Is Mandatory for Innate Immune Responses to Poliovirus Infection. <i>Journal of Immunology</i> , 2011, 187, 5320-5327.	0.8	80
48	Role of toll-like receptors and their adaptors in adjuvant immunotherapy for cancer. <i>Anticancer Research</i> , 2003, 23, 4369-76.	1.1	80
49	Hepatitis C virus-infected hepatocytes extrinsically modulate dendritic cell maturation to activate T cells and natural killer cells. <i>Hepatology</i> , 2008, 48, 48-58.	7.3	79
50	Poly(I:C)-Induced, TLR3/RIP3-Dependent Necroptosis Backs Up Immune Effector-Mediated Tumor Elimination <i>In Vivo</i> . <i>Cancer Immunology Research</i> , 2015, 3, 902-914.	3.4	79
51	Raftlin Is Involved in the Nucleocapture Complex to Induce Poly(I:C)-mediated TLR3 Activation. <i>Journal of Biological Chemistry</i> , 2011, 286, 10702-10711.	3.4	75
52	The Clathrin-Mediated Endocytic Pathway Participates in dsRNA-Induced IFN- β Production. <i>Journal of Immunology</i> , 2008, 181, 5522-5529.	0.8	73
53	<i>Mycobacterium bovis</i> BCG Cell Wall-Specific Differentially Expressed Genes Identified by Differential Display and cDNA Subtraction in Human Macrophages. <i>Infection and Immunity</i> , 2004, 72, 937-948.	2.2	71
54	Induction of NKG2D ligands on human dendritic cells by TLR ligand stimulation and RNA virus infection. <i>International Immunology</i> , 2007, 19, 1145-1155.	4.0	70

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55	Functional evolution of the TICAM-1 pathway for extrinsic RNA sensing. <i>Immunological Reviews</i> , 2009, 227, 44-53.	6.0	70
56	Pan-Vertebrate Toll-Like Receptors During Evolution. <i>Current Genomics</i> , 2008, 9, 488-493.	1.6	69
57	STING in tumor and host cells cooperatively work for NK cell-mediated tumor growth retardation. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1764-1771.	2.1	66
58	Lamprey TLRs with Properties Distinct from Those of the Variable Lymphocyte Receptors. <i>Journal of Immunology</i> , 2007, 178, 397-406.	0.8	65
59	Homo-oligomerization Is Essential for Toll/Interleukin-1 Receptor Domain-containing Adaptor Molecule-1-mediated NF- κ B and Interferon Regulatory Factor-3 Activation. <i>Journal of Biological Chemistry</i> , 2008, 283, 18283-18291.	3.4	63
60	Ubiquitin-mediated modulation of the cytoplasmic viral RNA sensor RIG-I. <i>Journal of Biochemistry</i> , 2012, 151, 5-11.	1.7	62
61	Enhancement of antitumor natural killer cell activation by orally administered Spirulina extract in mice. <i>Cancer Science</i> , 2009, 100, 1494-1501.	3.9	61
62	Adjuvant for vaccine immunotherapy of cancer – focusing on Toll-like receptor 2 and 3 agonists for safely enhancing antitumor immunity. <i>Cancer Science</i> , 2015, 106, 1659-1668.	3.9	61
63	Wild-Type Measles Virus Infection in Human CD46/CD150-Transgenic Mice: CD11c-Positive Dendritic Cells Establish Systemic Viral Infection. <i>Journal of Immunology</i> , 2005, 175, 3252-3261.	0.8	58
64	Cross-priming for antitumor CTL induced by soluble Ag + polyI:C depends on the TICAM-1 pathway in mouse CD11c ⁺ /CD8 α ⁺ dendritic cells. <i>Onc Immunology</i> , 2012, 1, 581-592.	4.6	58
65	Accessory Factors of Cytoplasmic Viral RNA Sensors Required for Antiviral Innate Immune Response. <i>Frontiers in Immunology</i> , 2016, 7, 200.	4.8	58
66	A lipoprotein family from <i>Mycoplasma fermentans</i> confers host immune activation through Toll-like receptor 2. <i>International Journal of Biochemistry and Cell Biology</i> , 2002, 34, 901-906.	2.8	57
67	Role of Toll-like Receptors in Adjuvant-Augmented Immune Therapies. <i>Evidence-based Complementary and Alternative Medicine</i> , 2006, 3, 31-38.	1.2	57
68	TLR2-Dependent Induction of IL-10 and Foxp3 ⁺ CD25 ⁺ CD4 ⁺ Regulatory T Cells Prevents Effective Anti-Tumor Immunity Induced by Pam2 Lipopeptides In Vivo. <i>PLoS ONE</i> , 2011, 6, e18833.	2.5	57
69	Beyond dsRNA: Toll-like receptor 3 signalling in RNA-induced immune responses. <i>Biochemical Journal</i> , 2014, 458, 195-201.	3.7	56
70	Toll-like receptor-mediated tyrosine phosphorylation of paxillin via MyD88-dependent and -independent pathways. <i>European Journal of Immunology</i> , 2003, 33, 740-747.	2.9	55
71	Structures and interface mapping of the TIR domain-containing adaptor molecules involved in interferon signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19908-19913.	7.1	55
72	Toll-Like Receptor 3 Signal in Dendritic Cells Benefits Cancer Immunotherapy. <i>Frontiers in Immunology</i> , 2017, 8, 1897.	4.8	55

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73	Mucosal Immune Response in Nasal-Associated Lymphoid Tissue upon Intranasal Administration by Adjuvants. <i>Journal of Innate Immunity</i> , 2018, 10, 515-521.	3.8	55
74	The extrinsic RNA-sensing pathway for adjuvant immunotherapy of cancer. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 1175-1184.	4.2	54
75	TICAM-1 and TICAM-2: toll-like receptor adapters that participate in induction of type 1 interferons. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 524-529.	2.8	52
76	Toll-like receptor 2 ligand and interferon- β suppress anti-tumor T cell responses by enhancing the immunosuppressive activity of monocytic myeloid-derived suppressor cells. <i>Oncolmmunology</i> , 2018, 7, e1373231.	4.6	52
77	The Peptide Sequence of Diacyl Lipopeptides Determines Dendritic Cell TLR2-Mediated NK Activation. <i>PLoS ONE</i> , 2010, 5, e12550.	2.5	49
78	Recognition of Viral RNA by Pattern Recognition Receptors in the Induction of Innate Immunity and Excessive Inflammation During Respiratory Viral Infections. <i>Viral Immunology</i> , 2017, 30, 408-420.	1.3	47
79	TLR3/TICAM-1 signaling in tumor cell RIP3-dependent necroptosis. <i>Oncolmmunology</i> , 2012, 1, 917-923.	4.6	46
80	Susceptibility of human dendritic cells (DCs) to measles virus (MV) depends on their activation stages in conjunction with the level of CDw150: role of Toll stimulators in DC maturation and MV amplification. <i>Microbes and Infection</i> , 2002, 4, 785-794.	1.9	44
81	Raftlin Controls Lipopolysaccharide-Induced TLR4 Internalization and TICAM-1 Signaling in a Cell Type-Specific Manner. <i>Journal of Immunology</i> , 2016, 196, 3865-3876.	0.8	43
82	A Molecular Mechanism for Toll-IL-1 Receptor Domain-containing Adaptor Molecule-1-mediated IRF-3 Activation. <i>Journal of Biological Chemistry</i> , 2010, 285, 20128-20136.	3.4	42
83	Biphasic function of TLR3 adjuvant on tumor and spleen dendritic cells promotes tumor T cell infiltration and regression in a vaccine therapy. <i>Oncolmmunology</i> , 2016, 5, e1188244.	4.6	41
84	Pattern recognition receptors of innate immunity and their application to tumor immunotherapy. <i>Cancer Science</i> , 2010, 101, 313-320.	3.9	38
85	Cell Type-Specific Subcellular Localization of Phospho-TBK1 in Response to Cytoplasmic Viral DNA. <i>PLoS ONE</i> , 2013, 8, e83639.	2.5	37
86	A novel protein that participates in nonself discrimination of malignant cells by homologous complement. <i>Nature Medicine</i> , 1997, 3, 1266-1270.	30.7	35
87	Myeloid-Derived Suppressor Cells Confer Tumor-Suppressive Functions on Natural Killer Cells via Polyinosinic:Polycytidylic Acid Treatment in Mouse Tumor Models. <i>Journal of Innate Immunity</i> , 2014, 6, 293-305.	3.8	35
88	Pam2 lipopeptides systemically increase myeloid-derived suppressor cells through TLR2 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2015, 457, 445-450.	2.1	35
89	Functional interfaces between TICAM-2/TRAM and TICAM-1/TRIF in TLR4 signaling. <i>Biochemical Society Transactions</i> , 2017, 45, 929-935.	3.4	35
90	Innate immune therapy with a <i>Bacillus Calmette-Guérin</i> cell wall skeleton after radical surgery for non-small cell lung cancer: A case-control study. <i>Surgery Today</i> , 2009, 39, 194-200.	1.5	33

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91	LRRC59 Regulates Trafficking of Nucleic Acid-“Sensing TLRs from the Endoplasmic Reticulum via Association with UNC93B1. <i>Journal of Immunology</i> , 2015, 195, 4933-4942.	0.8	33
92	INAM Plays a Critical Role in IFN- β Production by NK Cells Interacting with Polyinosinic-Polycytidylic Acid-“Stimulated Accessory Cells. <i>Journal of Immunology</i> , 2014, 193, 5199-5207.	0.8	31
93	Structural and Functional Properties of Complement-activating Protein M161Ag, a <i>Mycoplasma fermentans</i> Gene Product That Induces Cytokine Production by Human Monocytes. <i>Journal of Biological Chemistry</i> , 1998, 273, 12407-12414.	3.4	30
94	Increased expression of Toll-like receptor 3 in intrahepatic biliary epithelial cells at sites of ductular reaction in diseased livers. <i>Hepatology International</i> , 2008, 2, 222-230.	4.2	30
95	Strain-to-strain difference of V protein of measles virus affects MDA5-mediated IFN- β -inducing potential. <i>Molecular Immunology</i> , 2011, 48, 497-504.	2.2	30
96	Interferon-stimulated gene of 20 kDa protein (ISG20) degrades RNA of hepatitis B virus to impede the replication of HBV<i>in vitro</i>and<i>in vivo</i>. <i>Oncotarget</i> , 2016, 7, 68179-68193.	1.8	30
97	HTLV-1 Tax Induces Formation of the Active Macromolecular IKK Complex by Generating Lys63- and Met1-Linked Hybrid Polyubiquitin Chains. <i>PLoS Pathogens</i> , 2017, 13, e1006162.	4.7	30
98	A Short Consensus Repeat-Containing Complement Regulatory Protein of Lamprey That Participates in Cleavage of Lamprey Complement 3. <i>Journal of Immunology</i> , 2004, 173, 1118-1128.	0.8	29
99	Tumor immunotherapy using bone marrow-derived dendritic cells overexpressing Toll-like receptor adaptors. <i>FEBS Letters</i> , 2007, 581, 3334-3340.	2.8	29
100	A Novel Chicken Membrane-Associated Complement Regulatory Protein: Molecular Cloning and Functional Characterization. <i>Journal of Immunology</i> , 2001, 166, 424-431.	0.8	28
101	Double-stranded RNA promotes CTL-independent tumor cytolysis mediated by CD11b+Ly6G+ intratumor myeloid cells through the TICAM-1 signaling pathway. <i>Cell Death and Differentiation</i> , 2017, 24, 385-396.	11.2	28
102	Toll-like receptor 3 signal augments radiation-induced tumor growth retardation in a murine model. <i>Cancer Science</i> , 2018, 109, 956-965.	3.9	26
103	A Toll-like receptor 3 (TLR3) agonist ARNAX for therapeutic immunotherapy. <i>Advanced Drug Delivery Reviews</i> , 2019, 147, 37-43.	13.7	26
104	Failure of mycoplasma lipoprotein MALP-2 to induce NK cell activation through dendritic cell TLR2. <i>Microbes and Infection</i> , 2011, 13, 350-358.	1.9	25
105	Adjuvant immunotherapy for cancer: both dendritic cell-priming and check-point inhibitor blockade are required for immunotherapy. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2018, 94, 153-160.	3.8	25
106	Targeting TLR3 with no RIG-I/MDA5 activation is effective in immunotherapy for cancer. <i>Expert Opinion on Therapeutic Targets</i> , 2013, 17, 533-544.	3.4	24
107	High Levels of RAE-1 Isoforms on Mouse Tumor Cell Lines Assessed by Anti-“pan“RAE-1 Antibody Confer Tumor Susceptibility to NK Cells. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 140-145.	2.1	22
108	Vaccine immunotherapy with ARNAX induces tumor-specific memory T cells and durable anti-tumor immunity in mouse models. <i>Cancer Science</i> , 2018, 109, 2119-2129.	3.9	22

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109	Tumoricidal efficacy coincides with CD11c up-regulation in antigen-specific CD8+ T cells during vaccine immunotherapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 143.	8.6	21
110	The Anti-Oxidant Ergothioneine Augments the Immunomodulatory Function of TLR Agonists by Direct Action on Macrophages. <i>PLoS ONE</i> , 2017, 12, e0169360.	2.5	21
111	Molecular cloning and functional characterization of guinea pig IL-12. <i>International Immunology</i> , 2001, 13, 1129-1139.	4.0	20
112	Lipopeptides from <i>Staphylococcus aureus</i> as Tlr2 Ligands: Prediction with mRNA Expression, Chemical Synthesis, and Immunostimulatory Activities. <i>ChemBioChem</i> , 2009, 10, 2311-2315.	2.6	20
113	Development of Mouse Hepatocyte Lines Permissive for Hepatitis C Virus (HCV). <i>PLoS ONE</i> , 2011, 6, e21284.	2.5	20
114	14-3-3-zeta participates in TLR3-mediated TICAM-1 signal-platform formation. <i>Molecular Immunology</i> , 2016, 73, 60-68.	2.2	20
115	Ligation of Human CD46 with Purified Complement C3b or F(ab) of Monoclonal Antibodies Enhances Isoform-Specific Interferon Gamma-Dependent Nitric Oxide Production in Macrophages. <i>Journal of Biochemistry</i> , 2002, 132, 83-91.	1.7	19
116	Adjuvant engineering for cancer immunotherapy: Development of a synthetic TLR2 ligand with increased cell adhesion. <i>Cancer Science</i> , 2010, 101, 1596-1603.	3.9	19
117	Natural Killer Cell Activation Secondary to Innate Pattern Sensing. <i>Journal of Innate Immunity</i> , 2011, 3, 264-273.	3.8	19
118	Assessment of the Toll-Like Receptor 3 Pathway in Endosomal Signaling. <i>Methods in Enzymology</i> , 2014, 535, 149-165.	1.0	19
119	Targeting Toll-like receptor 3 in dendritic cells for cancer immunotherapy. <i>Expert Opinion on Biological Therapy</i> , 2020, 20, 937-946.	3.1	19
120	Antibodies against human Toll-like receptors (TLRs): TLR distribution and localization in human dendritic cells. <i>Journal of Endotoxin Research</i> , 2005, 11, 369-374.	2.5	18
121	Regulator of Complement Activation (RCA) Locus in Chicken: Identification of Chicken RCA Gene Cluster and Functional RCA Proteins. <i>Journal of Immunology</i> , 2005, 175, 1724-1734.	0.8	18
122	TAMable tumor-associated macrophages in response to innate RNA sensing. <i>Oncolmmunology</i> , 2012, 1, 1000-1001.	4.6	18
123	The MyD88 Pathway in Plasmacytoid and CD4+Dendritic Cells Primarily Triggers Type I IFN Production against Measles Virus in a Mouse Infection Model. <i>Journal of Immunology</i> , 2013, 191, 4740-4747.	0.8	18
124	IPS-1 Is Essential for Type III IFN Production by Hepatocytes and Dendritic Cells in Response to Hepatitis C Virus Infection. <i>Journal of Immunology</i> , 2014, 192, 2770-2777.	0.8	18
125	The Kinase Complex Responsible for IRF-3-Mediated IFN- β Production in Myeloid Dendritic Cells (mDC). <i>Journal of Biochemistry</i> , 2006, 139, 171-175.	1.7	17
126	Development of mouse models for analysis of human virus infections. <i>Microbiology and Immunology</i> , 2017, 61, 107-113.	1.4	16

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127	Type I Interferon-Independent Dendritic Cell Priming and Antitumor T Cell Activation Induced by a <i>Mycoplasma fermentans</i> Lipopeptide. <i>Frontiers in Immunology</i> , 2018, 9, 496.	4.8	16
128	A MAVS/TICAM-1-Independent Interferon-Inducing Pathway Contributes to Regulation of Hepatitis B Virus Replication in the Mouse Hydrodynamic Injection Model. <i>Journal of Innate Immunity</i> , 2015, 7, 47-58.	3.8	15
129	Measles virus hemagglutinin triggers intracellular signaling in CD150-expressing dendritic cells and inhibits immune response. <i>Cellular and Molecular Immunology</i> , 2016, 13, 828-838.	10.5	15
130	Zyxin stabilizes RIG-I and MAVS interactions and promotes type I interferon response. <i>Scientific Reports</i> , 2017, 7, 11905.	3.3	15
131	An Alternative Form of IL-18 in Human Blood Plasma: Complex Formation with IgM Defined by Monoclonal Antibodies. <i>Journal of Immunology</i> , 2001, 166, 6671-6679.	0.8	14
132	Regulator of complement activation (RCA) gene cluster in <i>Xenopus tropicalis</i> . <i>Immunogenetics</i> , 2009, 61, 371-384.	2.4	14
133	Interferon (IFN) and Cellular Immune Response Evoked in RNA-Pattern Sensing During Infection with Hepatitis C Virus (HCV). <i>Sensors</i> , 2015, 15, 27160-27173.	3.8	14
134	Dendritic cell subsets involved in type I IFN induction in mouse measles virus infection models. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 53, 329-333.	2.8	13
135	Evolution of the DEAD box helicase family in chicken: chickens have no DHX9 ortholog. <i>Microbiology and Immunology</i> , 2015, 59, 633-640.	1.4	13
136	cGAMP Promotes Germinal Center Formation and Production of IgA in Nasal-Associated Lymphoid Tissue. <i>Medical Sciences (Basel, Switzerland)</i> , 2017, 5, 35.	2.9	13
137	Anti-oxidative Amino Acid L-ergothioneine Modulates the Tumor Microenvironment to Facilitate Adjuvant Vaccine Immunotherapy. <i>Frontiers in Immunology</i> , 2019, 10, 671.	4.8	13
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